

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073831.D
 Acq On : 11 Aug 2022 17:42
 Operator : JC\MD
 Sample : N4169-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE133D1-20220809MSD

Quant Time: Aug 12 06:05:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/12/2022
 Supervised By : Mahesh Dadoda 08/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	363858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	580149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	538054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	272732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	222075	50.082	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.160%			
35) Dibromofluoromethane	7.951	113	196372	53.904	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.800%			
50) Toluene-d8	10.381	98	720684	50.273	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.540%			
62) 4-Bromofluorobenzene	12.675	95	250232	49.739	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	198474	56.238	ug/l	98
3) Chloromethane	2.263	50	244965	58.161	ug/l	99
4) Vinyl Chloride	2.405	62	295121	47.814	ug/l	100
5) Bromomethane	2.775	94	178381	49.831	ug/l	96
6) Chloroethane	2.940	64	199945	55.786	ug/l	100
7) Trichlorofluoromethane	3.299	101	406195	63.855	ug/l	95
8) Diethyl Ether	3.763	74	127967	53.575	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.128	101	183873	52.245	ug/l	97
10) Methyl Iodide	4.346	142	220540	61.640	ug/l	98
11) Tert butyl alcohol	5.299	59	291058	304.359	ug/l	100
12) 1,1-Dichloroethene	4.104	96	183241	53.080	ug/l	94
13) Acrolein	3.981	56	253008	266.867	ug/l	98
14) Allyl chloride	4.757	41	292789	53.048	ug/l	99
15) Acrylonitrile	5.475	53	738847	279.306	ug/l	98
16) Acetone	4.222	43	634382	266.363	ug/l	99
17) Carbon Disulfide	4.446	76	489117	53.435	ug/l	99
18) Methyl Acetate	4.775	43	313515	52.912	ug/l	100
19) Methyl tert-butyl Ether	5.528	73	661180	56.063	ug/l	97
20) Methylene Chloride	5.004	84	225263	58.857	ug/l	99
21) trans-1,2-Dichloroethene	5.510	96	200927	53.767	ug/l	98
22) Diisopropyl ether	6.410	45	639622	53.716	ug/l	99
23) Vinyl Acetate	6.351	43	2711377	271.589	ug/l	100
24) 1,1-Dichloroethane	6.304	63	381015	52.012	ug/l	99
25) 2-Butanone	7.263	43	1048015	283.351	ug/l	99
26) 2,2-Dichloropropane	7.245	77	252392	44.782	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	241425	52.435	ug/l	95
28) Bromochloromethane	7.581	49	144760	47.063	ug/l	97
29) Tetrahydrofuran	7.610	42	663492	283.730	ug/l	99
30) Chloroform	7.745	83	398763	52.246	ug/l	99
31) Cyclohexane	8.022	56	320433	48.539	ug/l	99
32) 1,1,1-Trichloroethane	7.940	97	343725	54.238	ug/l	98
36) 1,1-Dichloropropene	8.151	75	278663	53.670	ug/l	100
37) Ethyl Acetate	7.340	43	361131	52.814	ug/l	99
38) Carbon Tetrachloride	8.134	117	295681	56.071	ug/l	97
39) Methylcyclohexane	9.398	83	338459	54.551	ug/l	97
40) Benzene	8.387	78	916274	54.345	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073831.D
 Acq On : 11 Aug 2022 17:42
 Operator : JC\MD
 Sample : N4169-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE133D1-20220809MSD

Quant Time: Aug 12 06:05:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/12/2022
 Supervised By :Mahesh Dadoda 08/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	183048	59.160	ug/l	93
42) 1,2-Dichloroethane	8.463	62	306759	53.985	ug/l	99
43) Isopropyl Acetate	8.498	43	511973	55.434	ug/l	100
44) Trichloroethene	9.151	130	233709	54.661	ug/l	99
45) 1,2-Dichloropropane	9.428	63	224778	53.337	ug/l	97
46) Dibromomethane	9.516	93	162396	55.522	ug/l	99
47) Bromodichloromethane	9.698	83	310519	55.314	ug/l	99
48) Methyl methacrylate	9.498	41	241349	59.700	ug/l	95
49) 1,4-Dioxane	9.504	88	144141	1264.841	ug/l	96
51) 4-Methyl-2-Pentanone	10.269	43	1954577	295.064	ug/l	99
52) Toluene	10.445	92	583504	56.659	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	323798	58.386	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	346269	55.408	ug/l	100
55) 1,1,2-Trichloroethane	10.839	97	238278	55.484	ug/l	99
56) Ethyl methacrylate	10.704	69	374163	63.215	ug/l	100
57) 1,3-Dichloropropane	10.986	76	403672	55.402	ug/l	100
59) 2-Hexanone	11.028	43	1546678	308.177	ug/l	99
60) Dibromochloromethane	11.181	129	252852	59.183	ug/l	99
61) 1,2-Dibromoethane	11.286	107	253267	57.262	ug/l	99
64) Tetrachloroethene	10.916	164	215272	50.343	ug/l	96
65) Chlorobenzene	11.710	112	626724	54.838	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	236648	57.730	ug/l	99
67) Ethyl Benzene	11.786	91	1105815	57.353	ug/l	99
68) m/p-Xylenes	11.892	106	865715	117.725	ug/l	100
69) o-Xylene	12.222	106	425464	59.345	ug/l	99
70) Styrene	12.233	104	712320	62.068	ug/l	98
71) Bromoform	12.398	173	209925	62.043	ug/l #	100
73) Isopropylbenzene	12.522	105	1104408	55.318	ug/l	99
74) N-amyl acetate	12.328	43	422964	56.072	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	393515	51.079	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	294861m	59.638	ug/l	
77) Bromobenzene	12.804	156	284451	54.711	ug/l	97
78) n-propylbenzene	12.863	91	1251269	55.701	ug/l	99
79) 2-Chlorotoluene	12.945	91	751110	53.572	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	931138	56.674	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	115853	55.049	ug/l	98
82) 4-Chlorotoluene	13.045	91	726821	54.697	ug/l	98
83) tert-Butylbenzene	13.263	119	844357	58.021	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	933387	57.776	ug/l	100
85) sec-Butylbenzene	13.439	105	1146503	57.002	ug/l	99
86) p-Isopropyltoluene	13.557	119	955725	60.276	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	502230	52.921	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	492704	51.889	ug/l	98
89) n-Butylbenzene	13.886	91	735245	56.990	ug/l	99
90) Hexachloroethane	14.151	117	174312	55.409	ug/l	95
91) 1,2-Dichlorobenzene	13.927	146	514892	53.542	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	88404	57.112	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	286452	59.982	ug/l	99
94) Hexachlorobutadiene	15.304	225	144757	55.757	ug/l	99
95) Naphthalene	15.433	128	990294	63.902	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	302449	60.174	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
Data File : VN073831.D
Acq On : 11 Aug 2022 17:42
Operator : JC\MD
Sample : N4169-03MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD

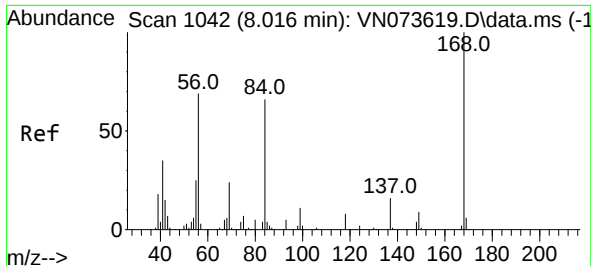
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

Quant Time: Aug 12 06:05:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 05:09:32 2022
Response via : Initial Calibration

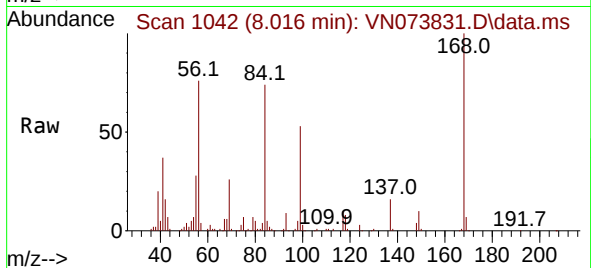
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

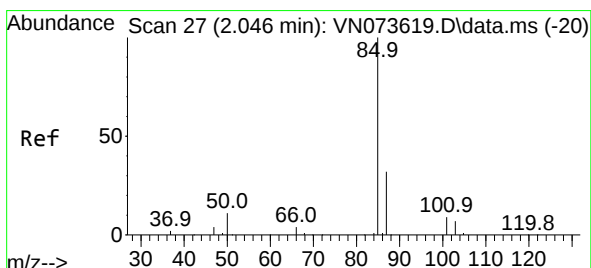
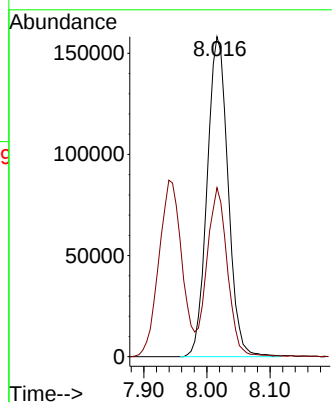
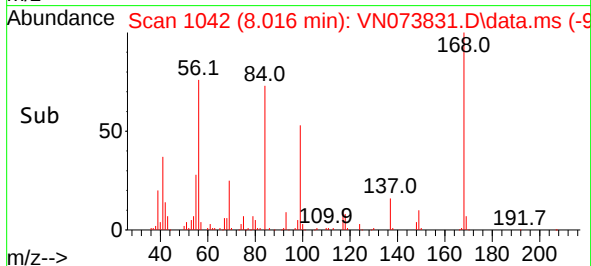
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion:168 Resp: 363858
Ion Ratio Lower Upper
168 100
99 52.6 42.3 63.5

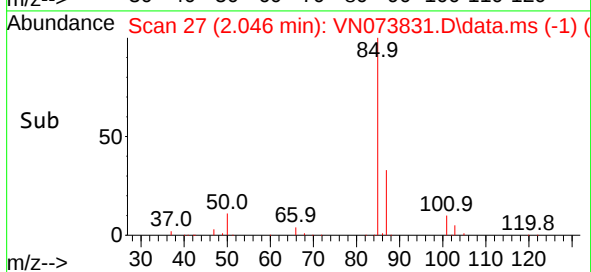
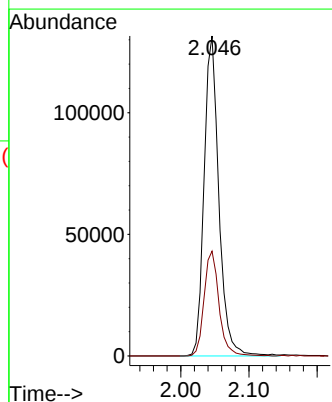
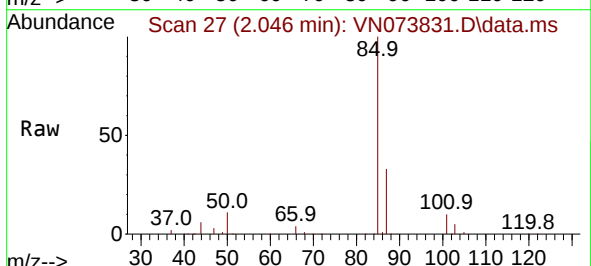
Manual Integrations
APPROVED

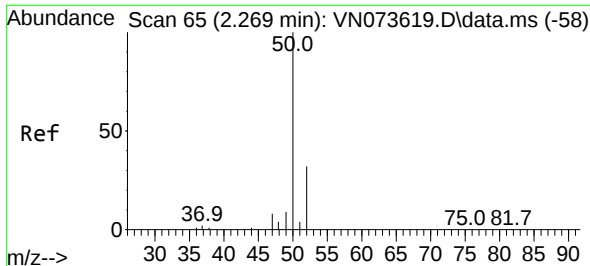
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#2
Dichlorodifluoromethane
Concen: 56.238 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

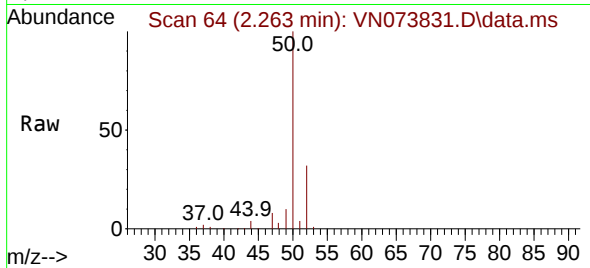
Tgt Ion: 85 Resp: 198474
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.1





#3
Chloromethane
Concen: 58.161 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

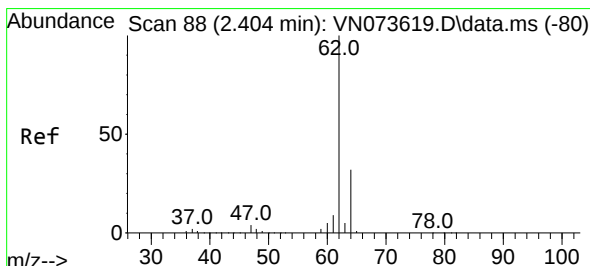
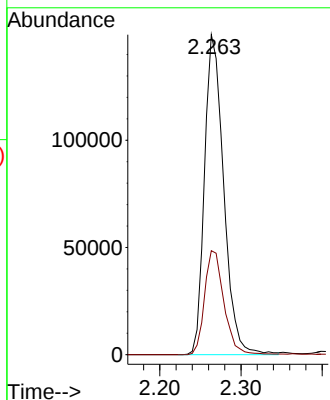
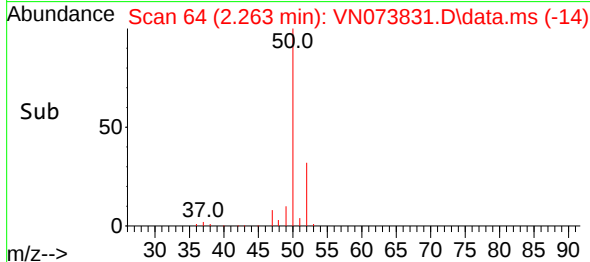
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion: 50 Resp: 24496
Ion Ratio Lower Upper
50 100
52 32.5 25.7 38.5

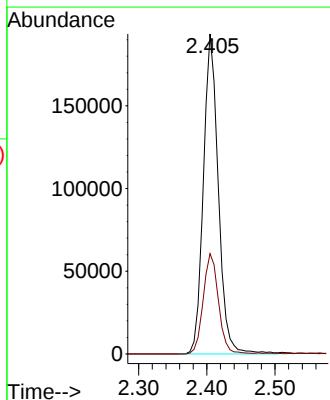
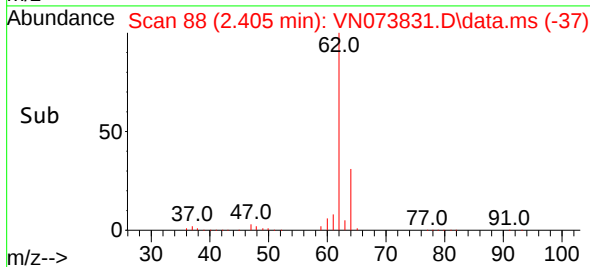
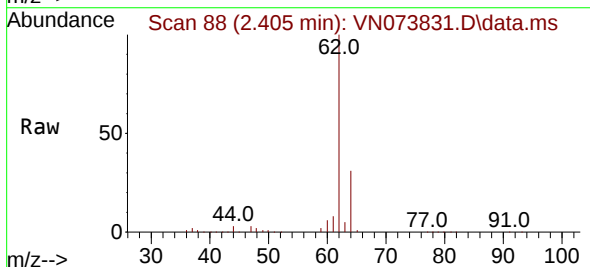
Manual Integrations
APPROVED

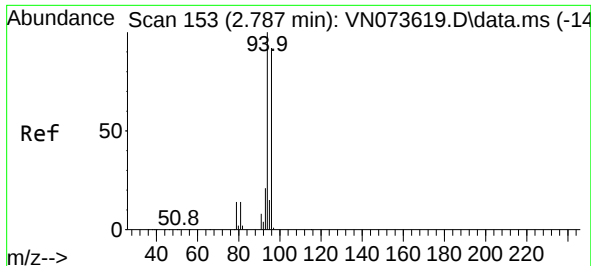
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#4
Vinyl Chloride
Concen: 47.814 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

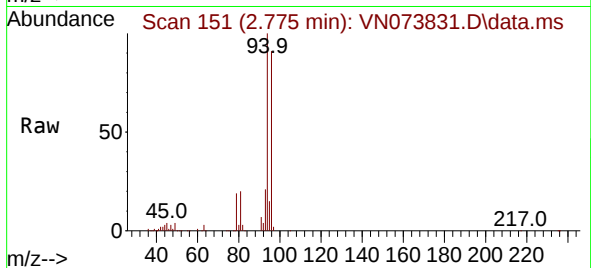
Tgt Ion: 62 Resp: 295121
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.4





#5
Bromomethane
Concen: 49.831 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

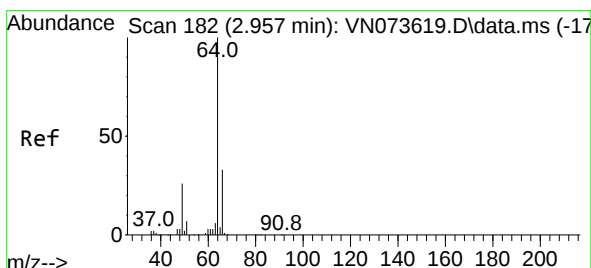
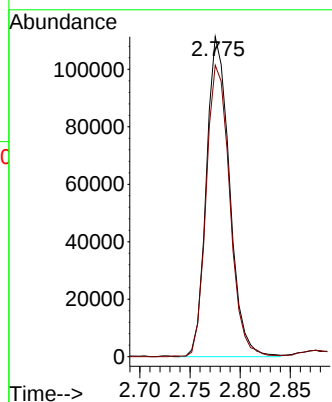
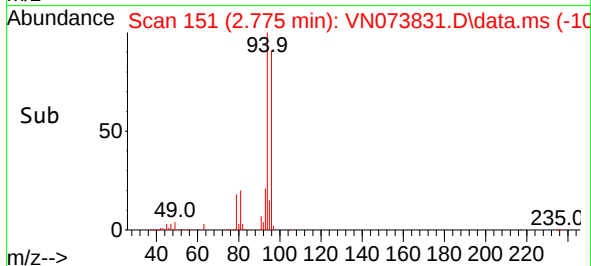
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion: 94 Resp: 17838
Ion Ratio Lower Upper
94 100
96 90.9 76.0 114.0

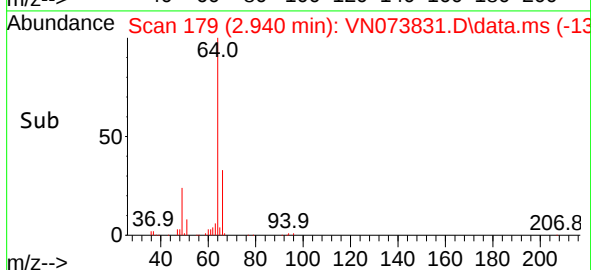
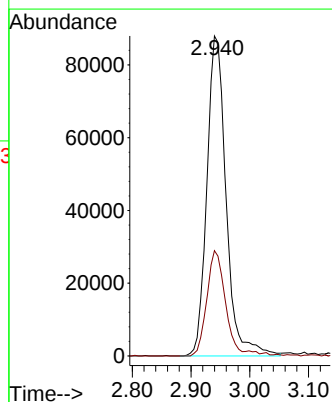
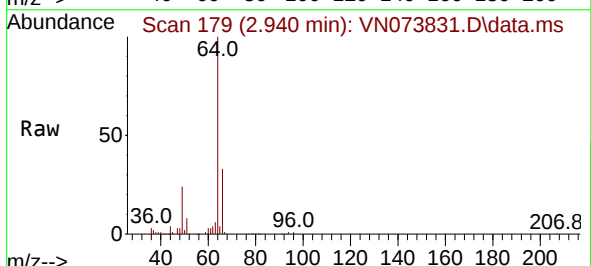
Manual Integrations
APPROVED

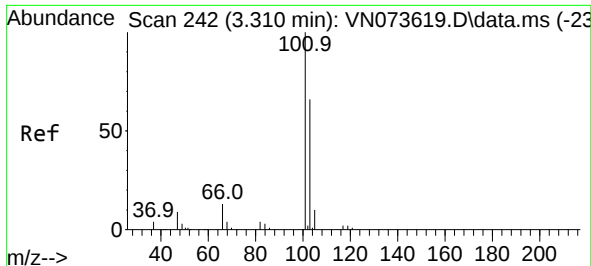
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#6
Chloroethane
Concen: 55.786 ug/l
RT: 2.940 min Scan# 179
Delta R.T. -0.017 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

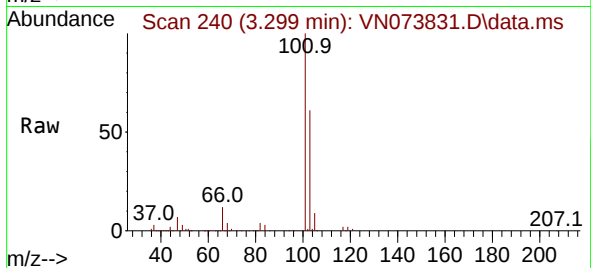
Tgt Ion: 64 Resp: 199945
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 63.855 ug/l
 RT: 3.299 min Scan# 242
 Delta R.T. -0.012 min
 Lab File: VN073831.D
 Acq: 11 Aug 2022 17:42

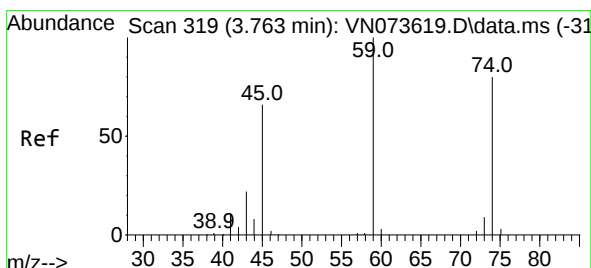
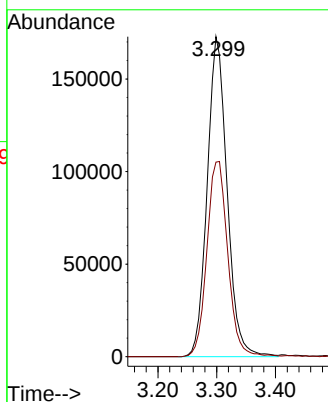
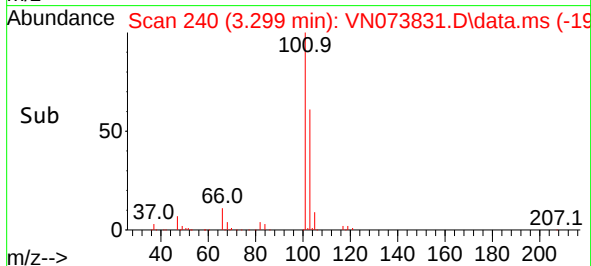
Instrument :
 MSVOA_N
 ClientSampleId :
 RE133D1-20220809MSD



Tgt Ion:101 Resp: 40619
 Ion Ratio Lower Upper
 101 100
 103 60.8 51.5 77.3

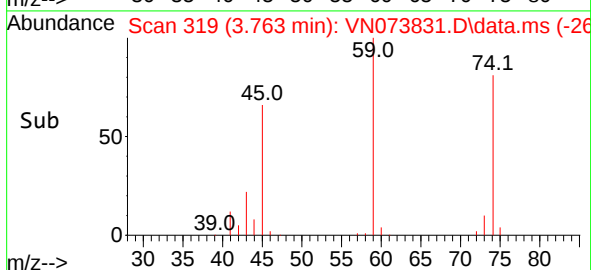
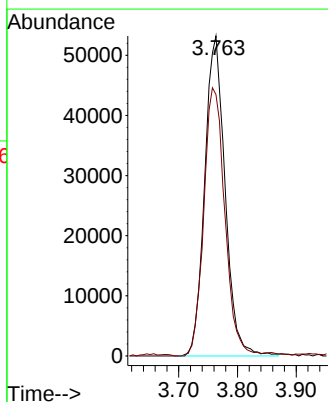
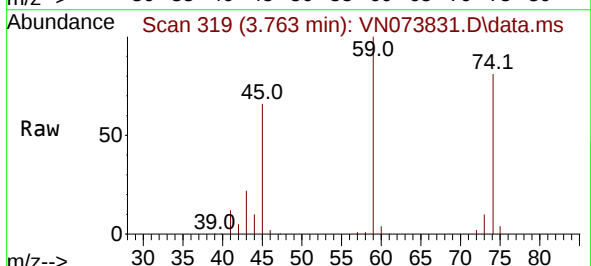
Manual Integrations
 APPROVED

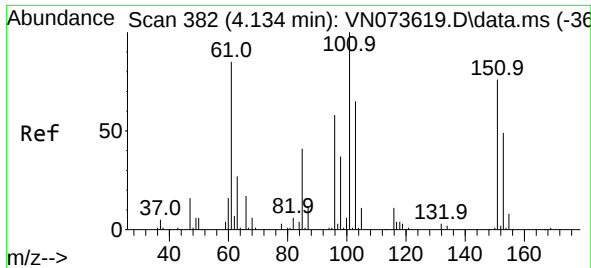
Reviewed By :John Carlone 08/12/2022
 Supervised By :Mahesh Dadoda 08/12/2022



#8
 Diethyl Ether
 Concen: 53.575 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN073831.D
 Acq: 11 Aug 2022 17:42

Tgt Ion: 74 Resp: 127967
 Ion Ratio Lower Upper
 74 100
 45 86.7 42.9 128.5





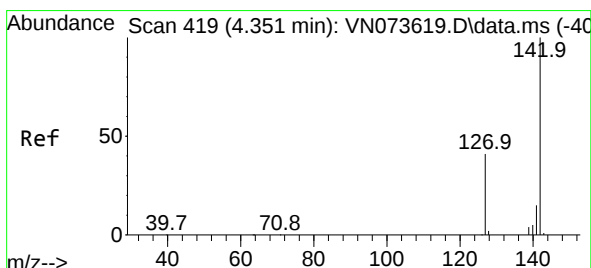
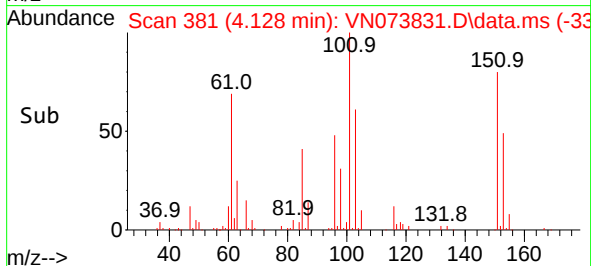
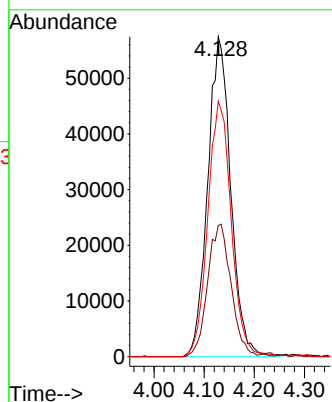
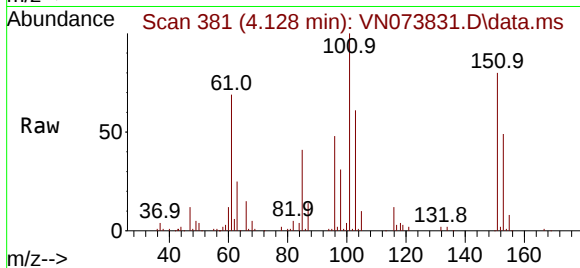
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.245 ug/l
RT: 4.128 min Scan# 381
Delta R.T. -0.006 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD

Tgt Ion:101 Resp: 18387
Ion Ratio Lower Upper
101 100
85 42.0 34.7 52.1
151 81.1 63.0 94.4

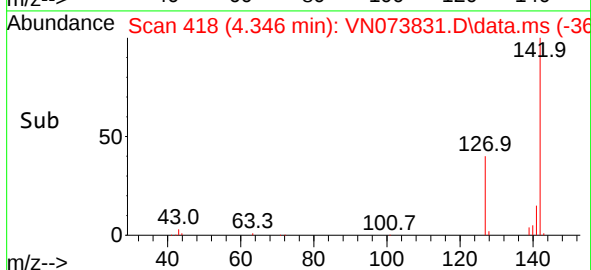
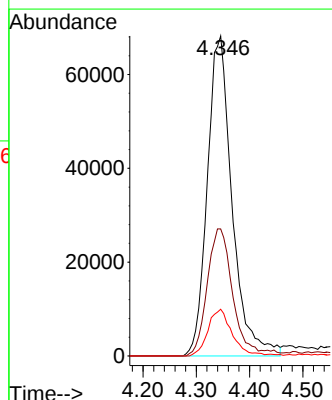
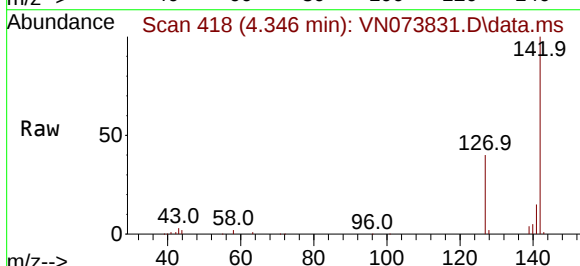
Manual Integrations
APPROVED

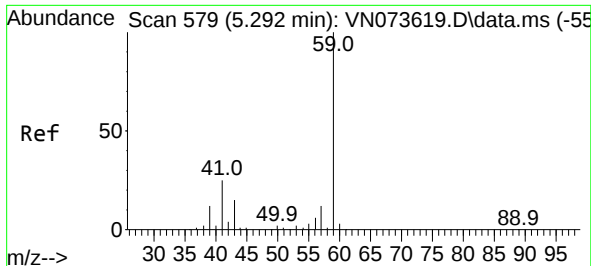
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#10
Methyl Iodide
Concen: 61.640 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

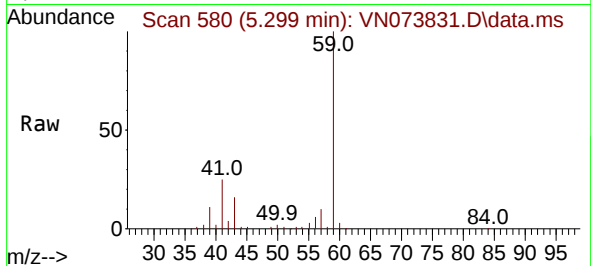
Tgt Ion:142 Resp: 220540
Ion Ratio Lower Upper
142 100
127 40.4 31.3 46.9
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 304.359 ug/l
RT: 5.299 min Scan# 51
Delta R.T. 0.007 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

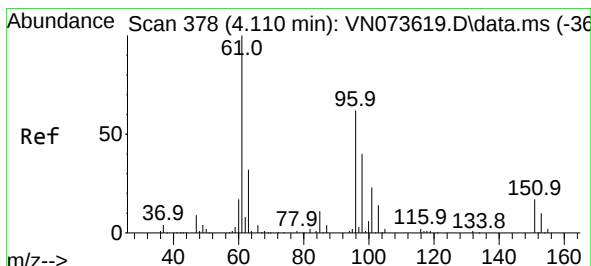
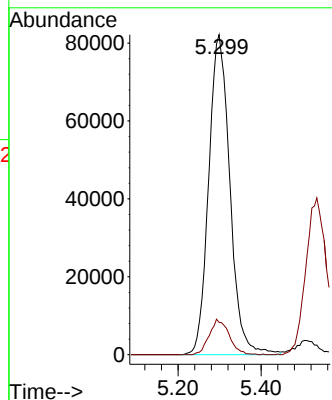
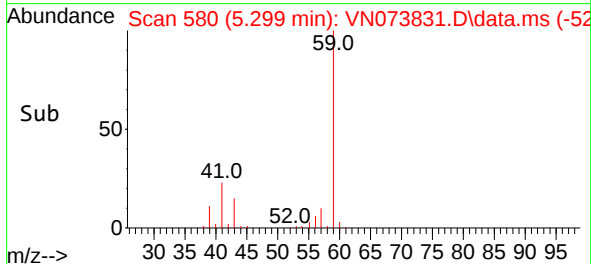
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



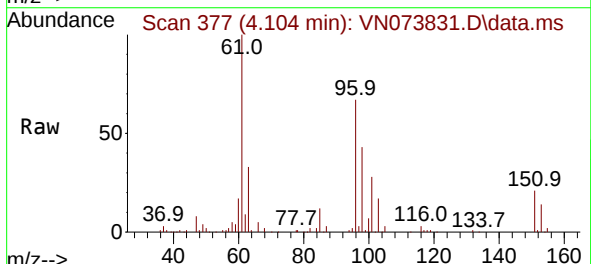
Tgt Ion: 59 Resp: 291058
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
APPROVED

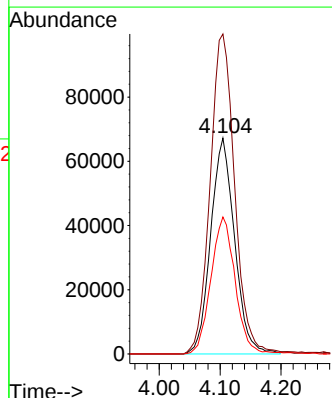
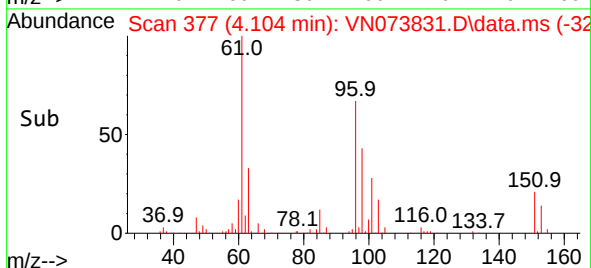
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

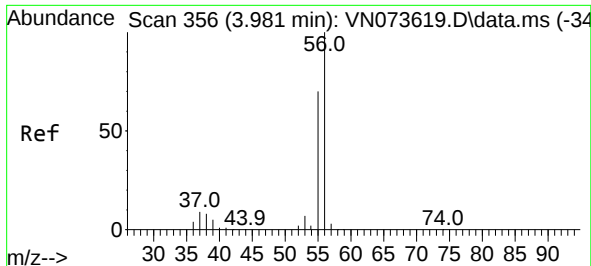


#12
1,1-Dichloroethene
Concen: 53.080 ug/l
RT: 4.104 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42



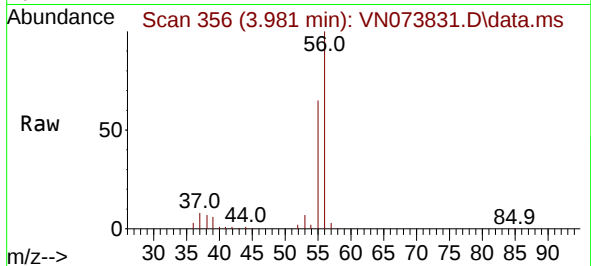
Tgt Ion: 96 Resp: 183241
Ion Ratio Lower Upper
96 100
61 148.3 127.6 191.4
98 63.5 51.2 76.8





#13
Acrolein
Concen: 266.867 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

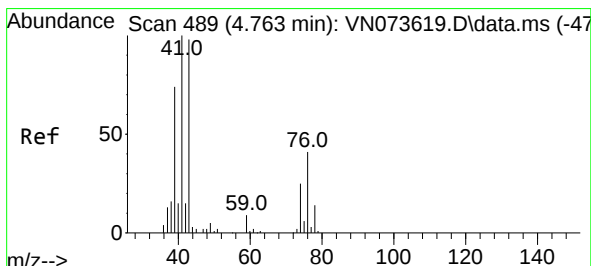
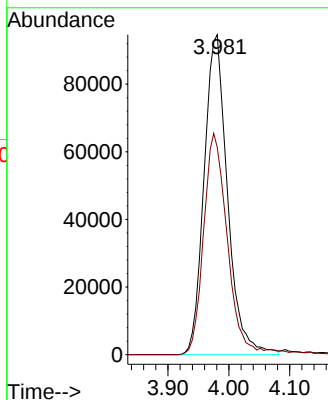
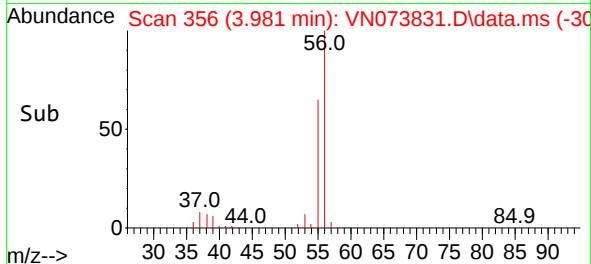
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion: 56 Resp: 253008
Ion Ratio Lower Upper
56 100
55 70.4 54.8 82.2

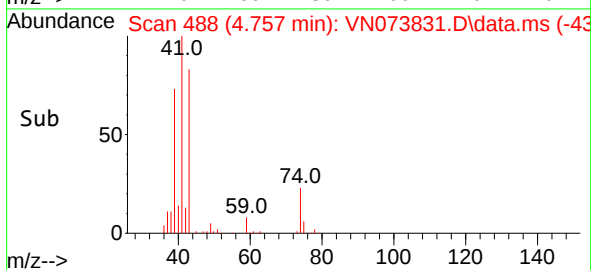
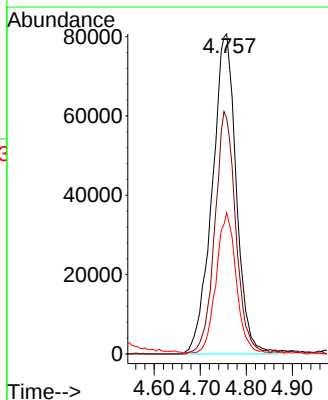
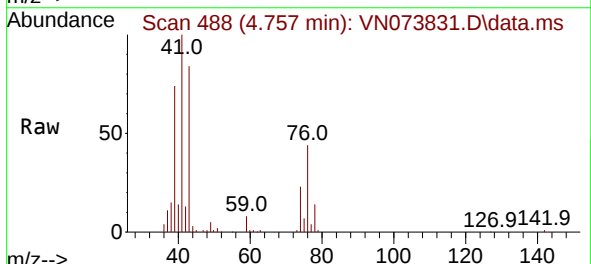
Manual Integrations
APPROVED

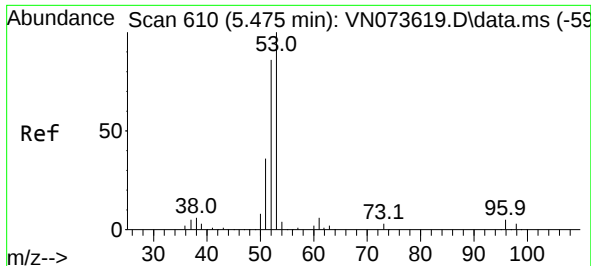
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#14
Allyl chloride
Concen: 53.048 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

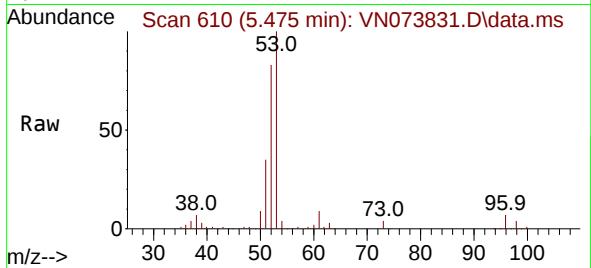
Tgt Ion: 41 Resp: 292789
Ion Ratio Lower Upper
41 100
39 65.8 53.2 79.8
76 36.4 29.9 44.9





#15
Acrylonitrile
Concen: 279.306 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

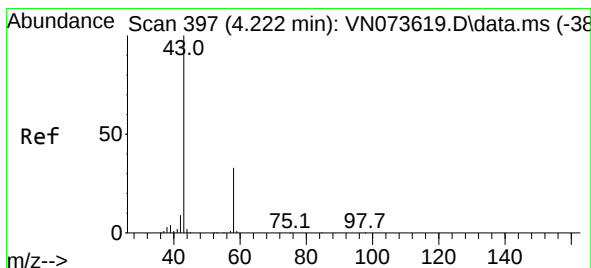
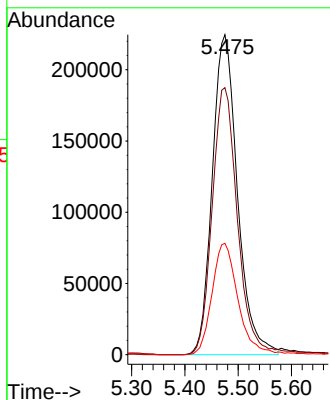
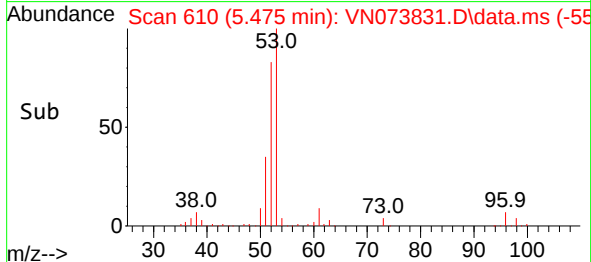
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion: 53 Resp: 73884
Ion Ratio Lower Upper
53 100
52 84.9 66.4 99.6
51 36.1 28.5 42.7

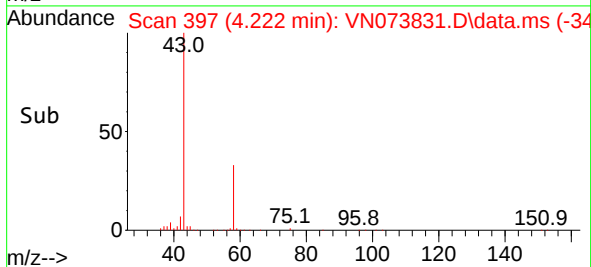
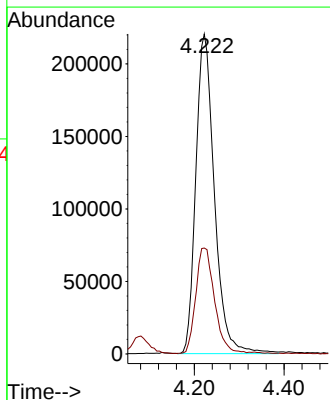
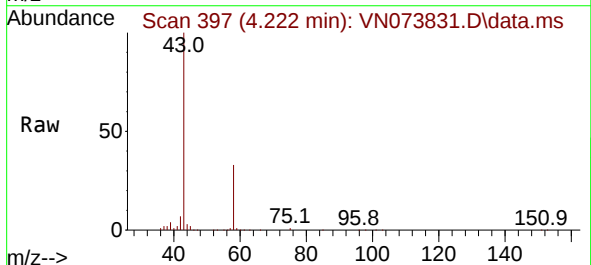
Manual Integrations
APPROVED

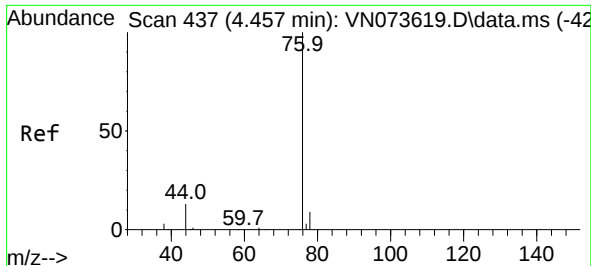
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#16
Acetone
Concen: 266.363 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

Tgt Ion: 43 Resp: 634382
Ion Ratio Lower Upper
43 100
58 32.9 26.0 39.0





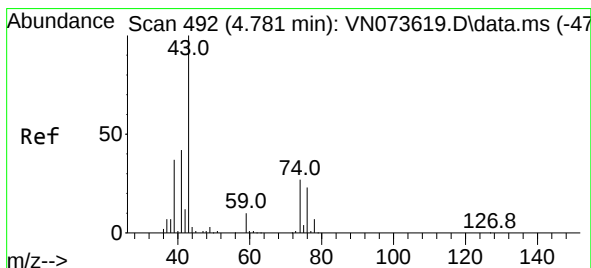
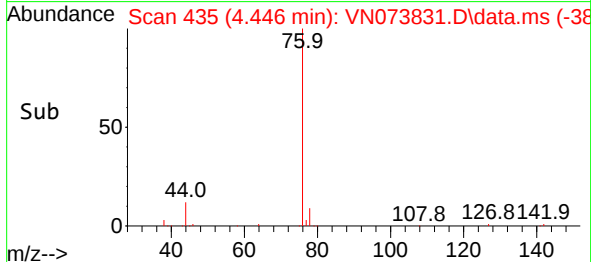
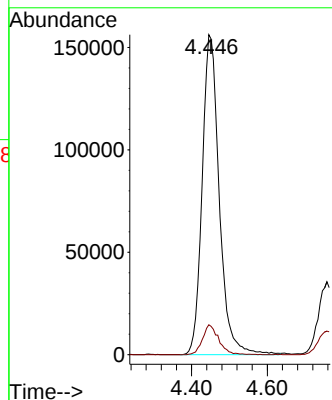
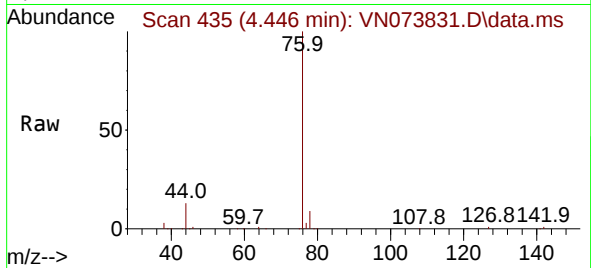
#17
Carbon Disulfide
Concen: 53.435 ug/l
RT: 4.446 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD

Tgt Ion: 76 Resp: 48911
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

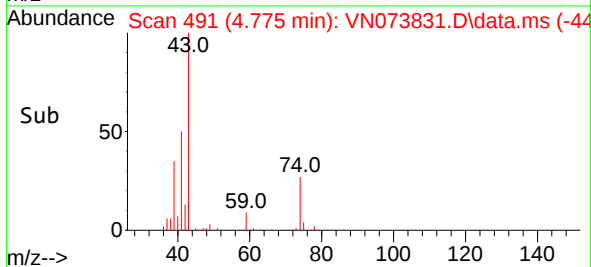
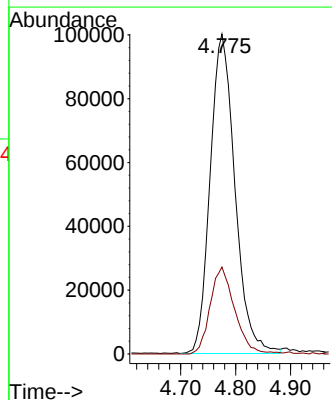
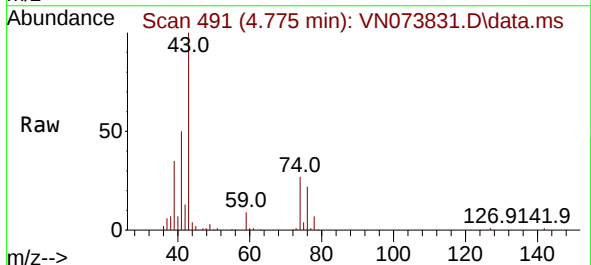
Manual Integrations
APPROVED

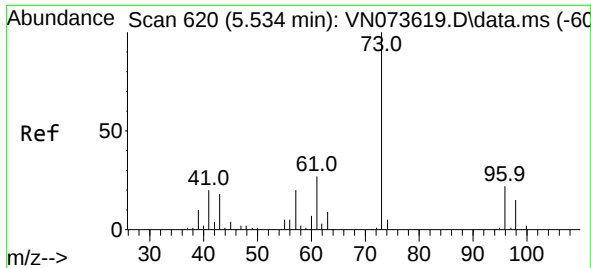
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#18
Methyl Acetate
Concen: 52.912 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

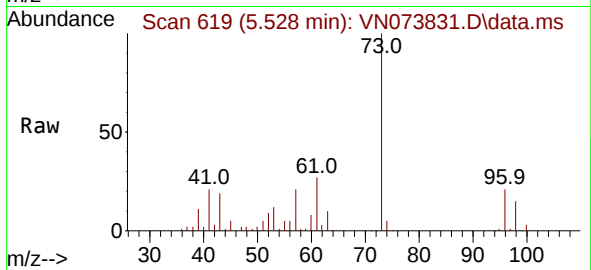
Tgt Ion: 43 Resp: 313515
Ion Ratio Lower Upper
43 100
74 26.8 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 56.063 ug/l
RT: 5.528 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

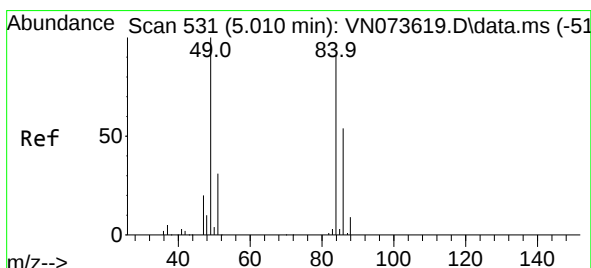
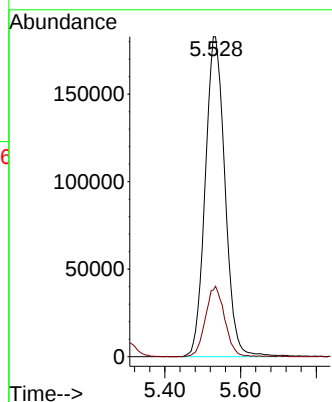
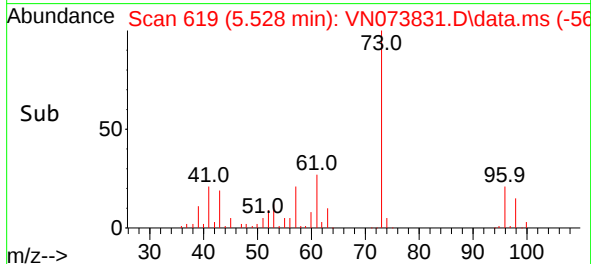
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion: 73 Resp: 661180
Ion Ratio Lower Upper
73 100
57 20.8 17.6 26.4

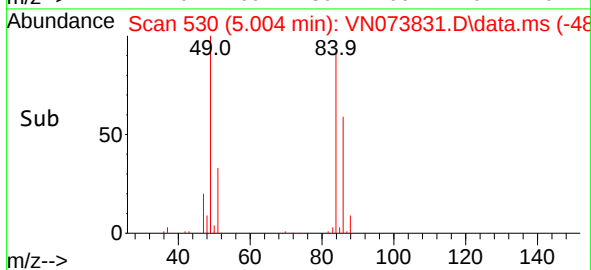
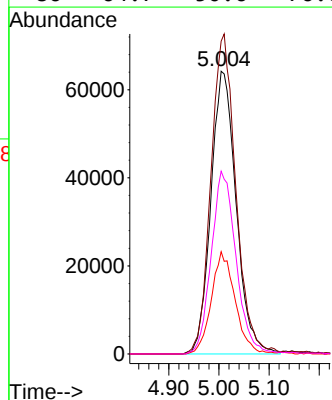
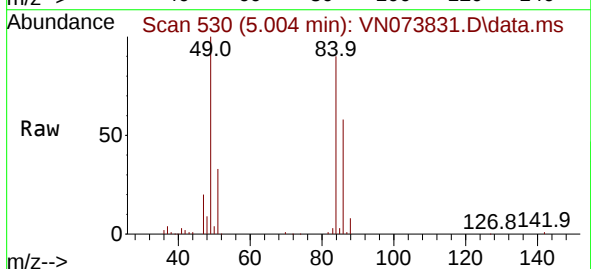
Manual Integrations
APPROVED

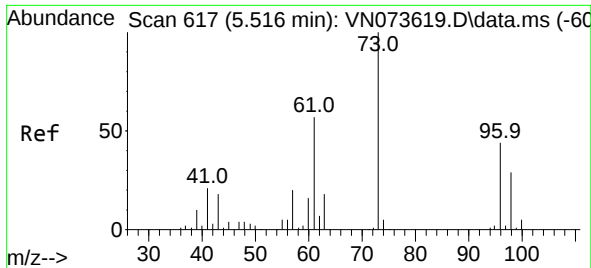
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#20
Methylene Chloride
Concen: 58.857 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

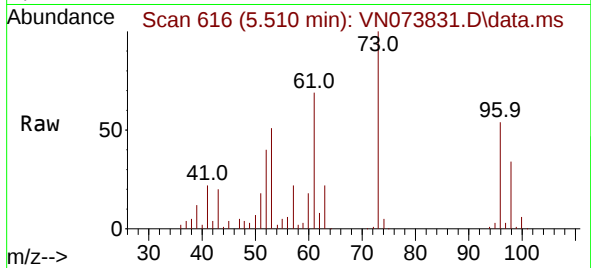
Tgt Ion: 84 Resp: 225263
Ion Ratio Lower Upper
84 100
49 110.7 88.3 132.5
51 36.2 28.2 42.2
86 64.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 53.767 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

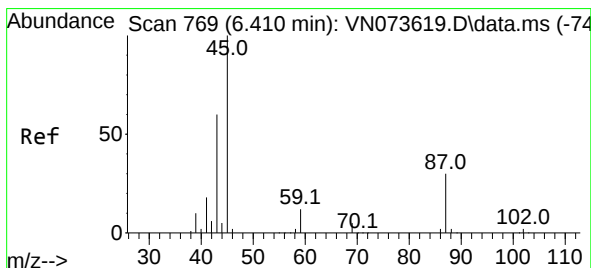
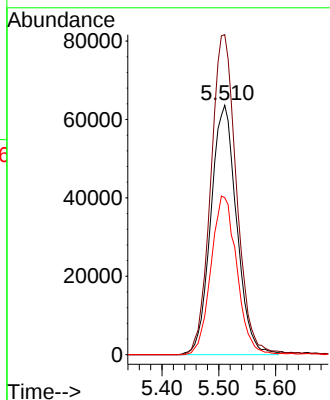
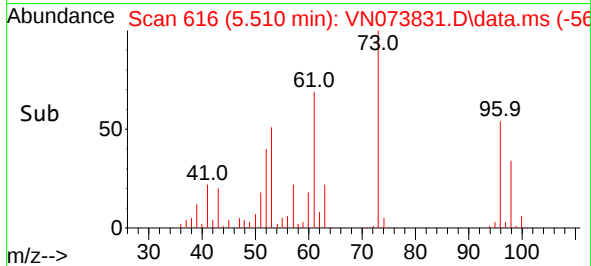
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion: 96 Resp: 20092
Ion Ratio Lower Upper
96 100
61 128.2 105.8 158.8
98 62.9 50.3 75.5

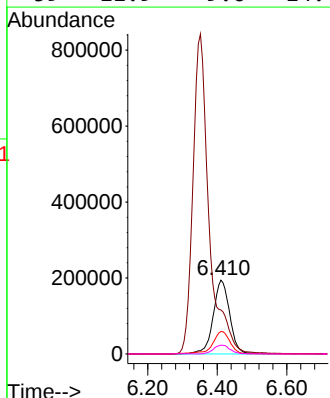
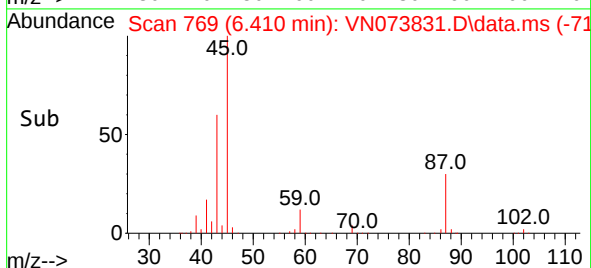
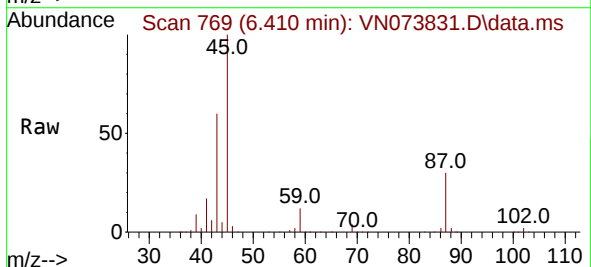
Manual Integrations
APPROVED

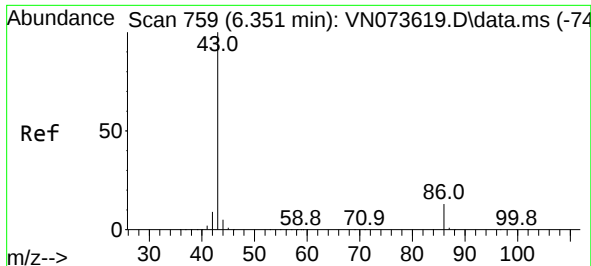
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#22
Diisopropyl ether
Concen: 53.716 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

Tgt Ion: 45 Resp: 639622
Ion Ratio Lower Upper
45 100
43 58.8 46.6 70.0
87 30.2 24.3 36.5
59 11.9 9.6 14.4





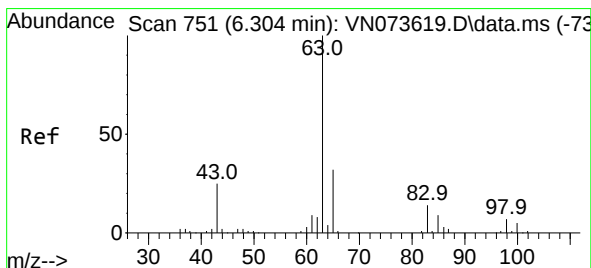
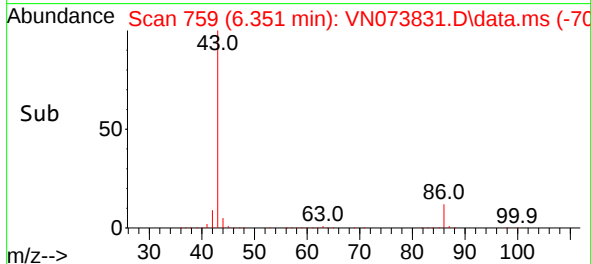
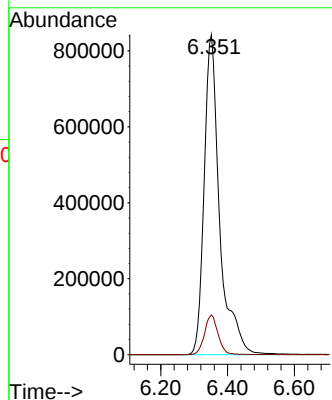
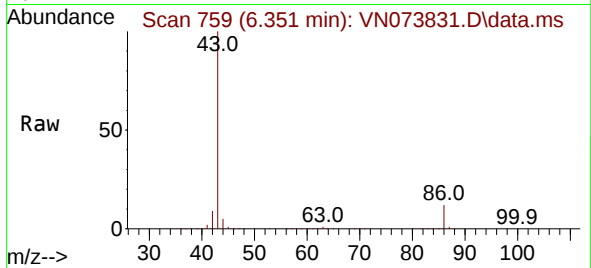
#23
 Vinyl Acetate
 Concen: 271.589 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073831.D
 Acq: 11 Aug 2022 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE133D1-20220809MSD

Tgt Ion: 43 Resp: 271137
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.0 15.0

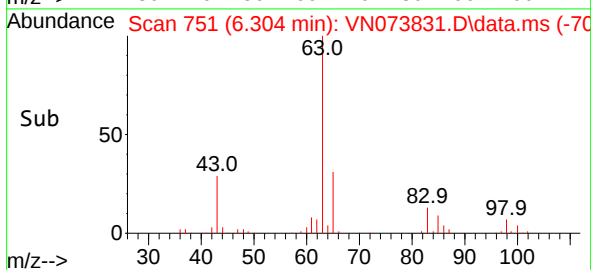
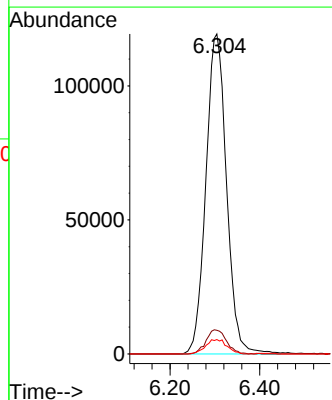
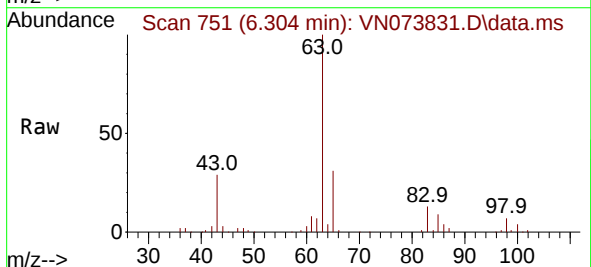
Manual Integrations
 APPROVED

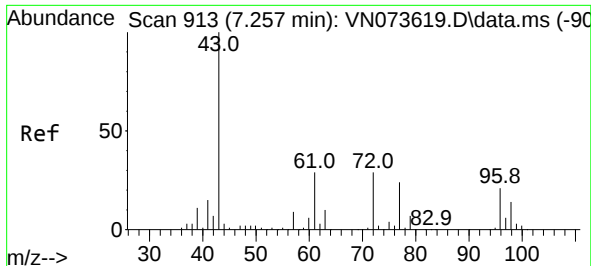
Reviewed By :John Carlone 08/12/2022
 Supervised By :Mahesh Dadoda 08/12/2022



#24
 1,1-Dichloroethane
 Concen: 52.012 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073831.D
 Acq: 11 Aug 2022 17:42

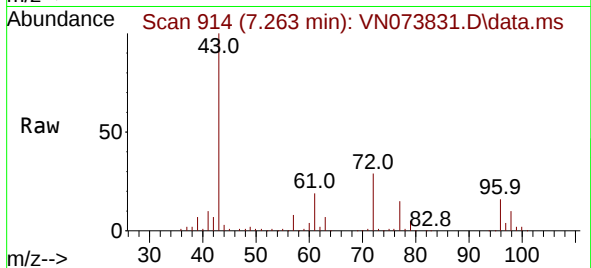
Tgt Ion: 63 Resp: 381015
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.5 2.3 6.8





#25
2-Butanone
Concen: 283.351 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

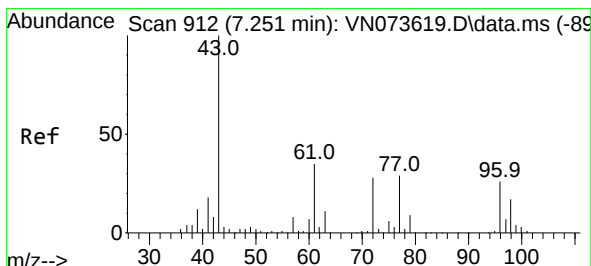
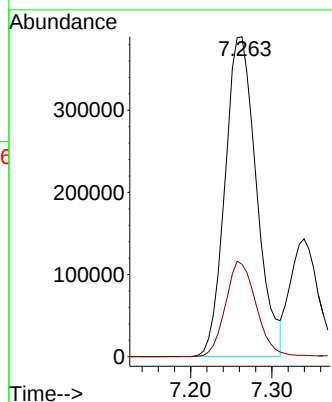
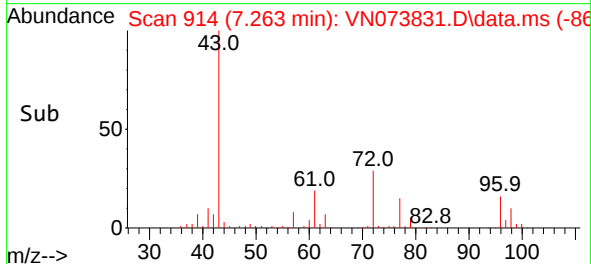
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion: 43 Resp: 104801
Ion Ratio Lower Upper
43 100
72 28.9 23.7 35.5

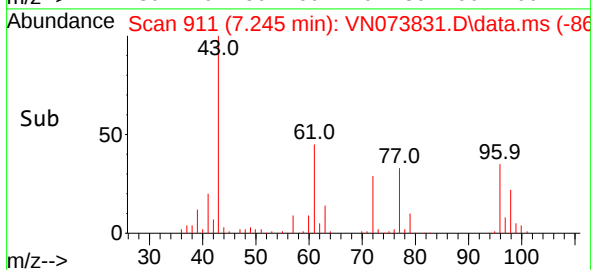
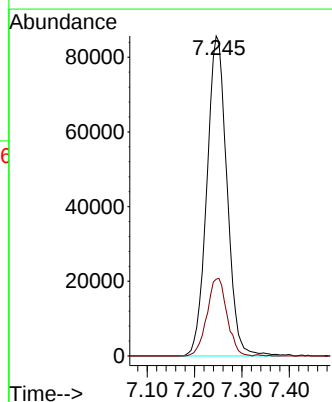
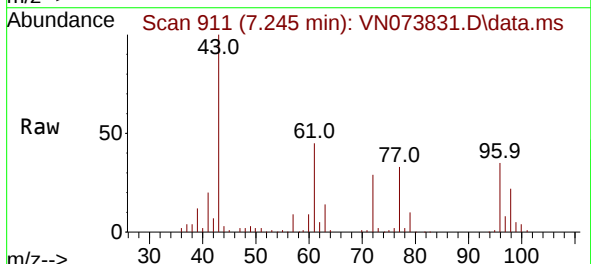
Manual Integrations
APPROVED

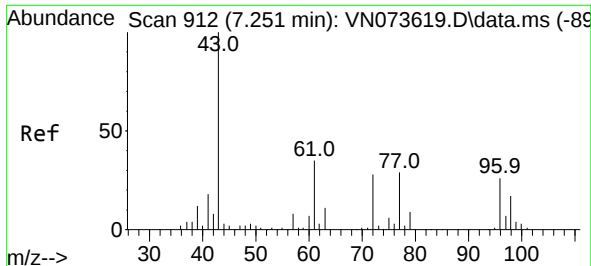
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#26
2,2-Dichloropropane
Concen: 44.782 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

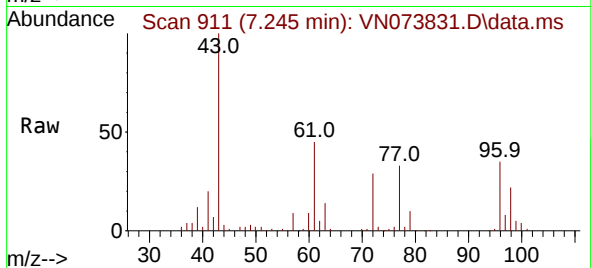
Tgt Ion: 77 Resp: 252392
Ion Ratio Lower Upper
77 100
97 24.2 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 52.435 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

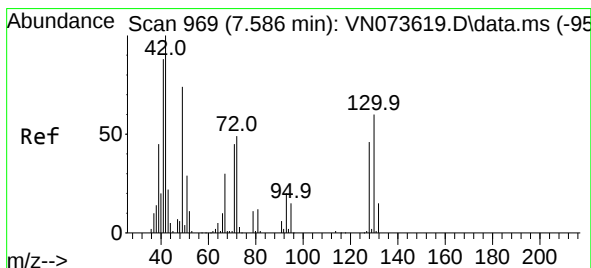
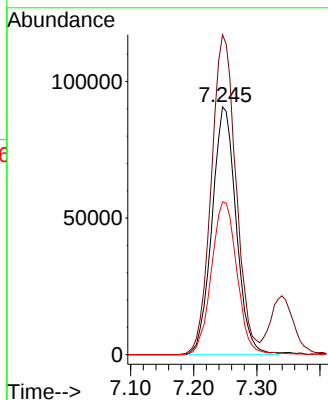
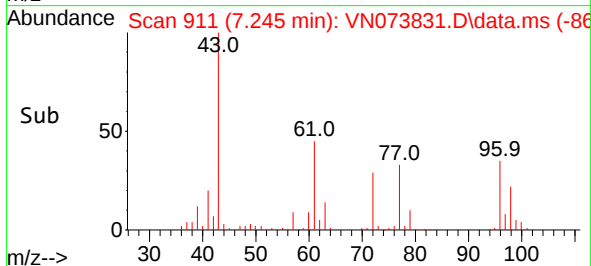
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion: 96 Resp: 241425
Ion Ratio Lower Upper
96 100
61 131.7 0.0 280.6
98 65.2 0.0 128.4

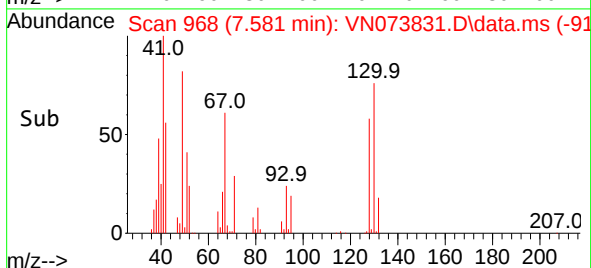
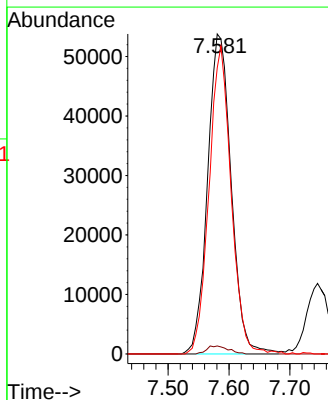
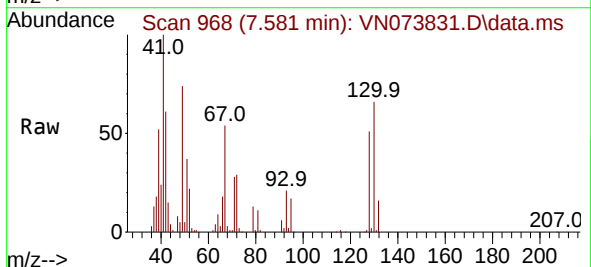
Manual Integrations
APPROVED

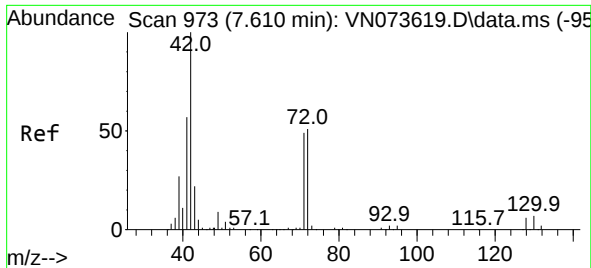
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#28
Bromochloromethane
Concen: 47.063 ug/l
RT: 7.581 min Scan# 968
Delta R.T. -0.006 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

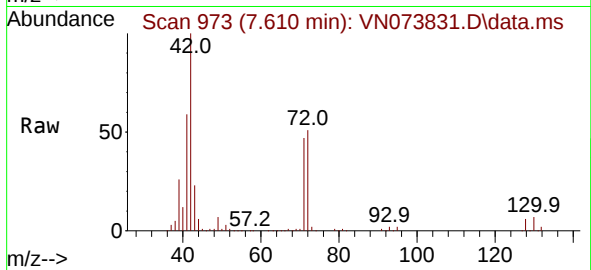
Tgt Ion: 49 Resp: 144760
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 90.0 69.7 104.5





#29
Tetrahydrofuran
Concen: 283.730 ug/l
RT: 7.610 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

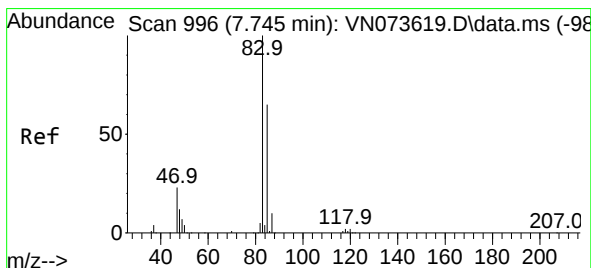
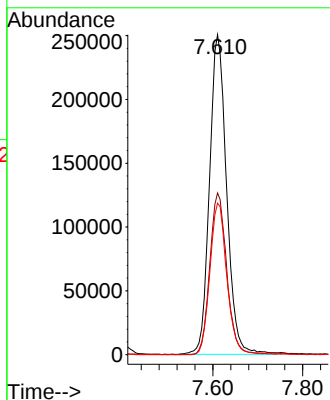
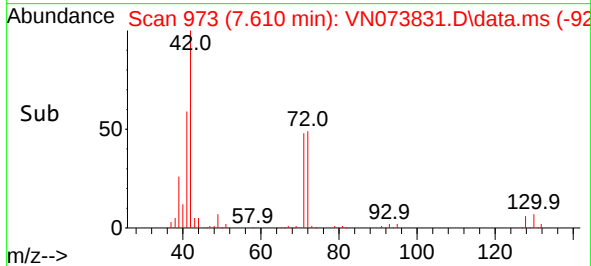
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion: 42 Resp: 663492
Ion Ratio Lower Upper
42 100
72 50.2 39.7 59.5
71 47.0 36.6 55.0

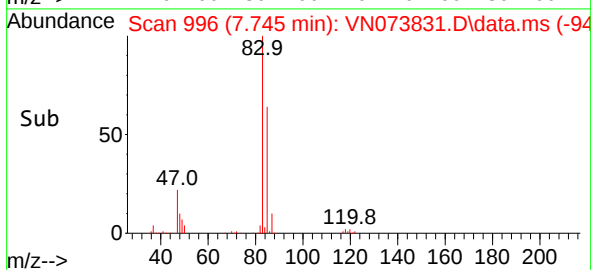
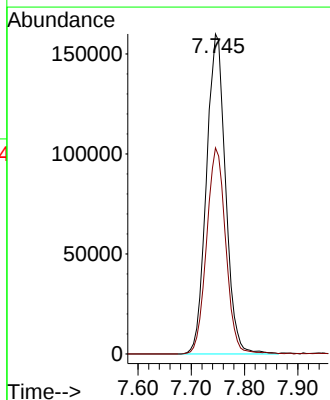
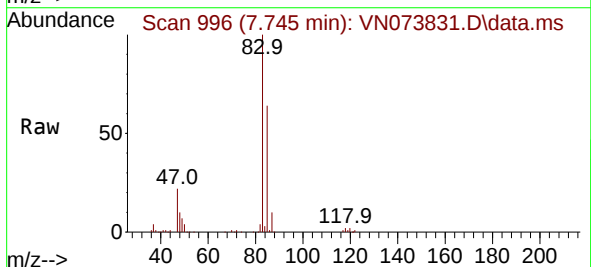
Manual Integrations
APPROVED

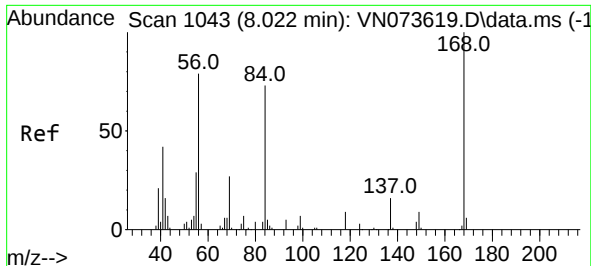
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#30
Chloroform
Concen: 52.246 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

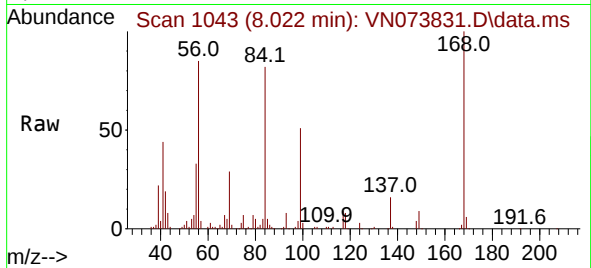
Tgt Ion: 83 Resp: 398763
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.8





#31
Cyclohexane
Concen: 48.539 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

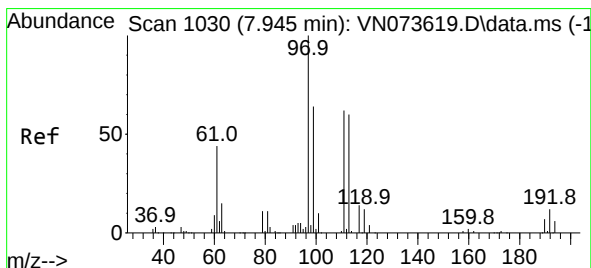
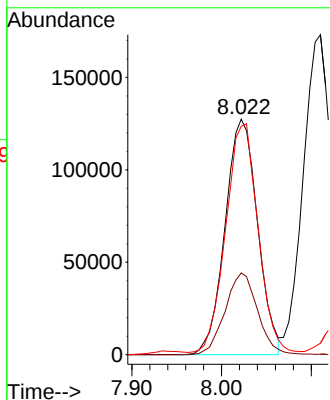
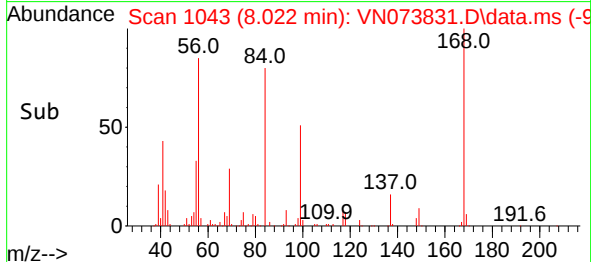
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion: 56 Resp: 32043
Ion Ratio Lower Upper
56 100
69 34.7 27.8 41.8
84 95.5 76.9 115.3

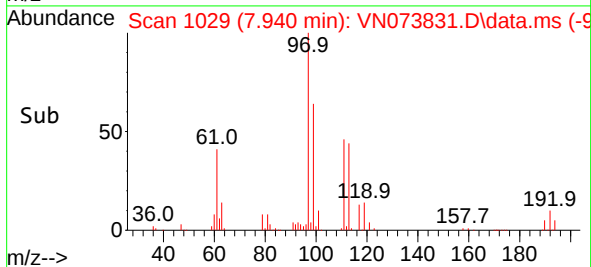
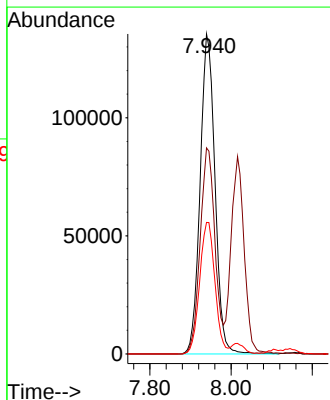
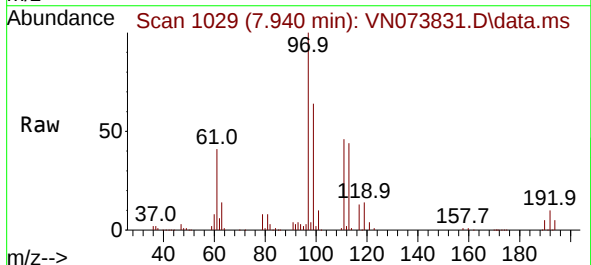
Manual Integrations
APPROVED

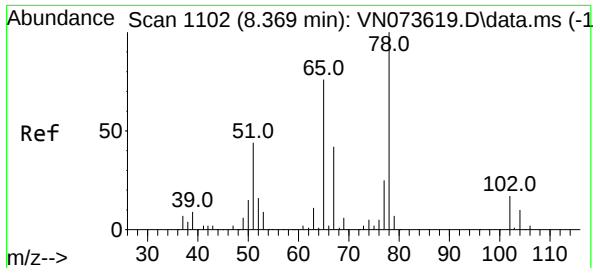
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#32
1,1,1-Trichloroethane
Concen: 54.238 ug/l
RT: 7.940 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

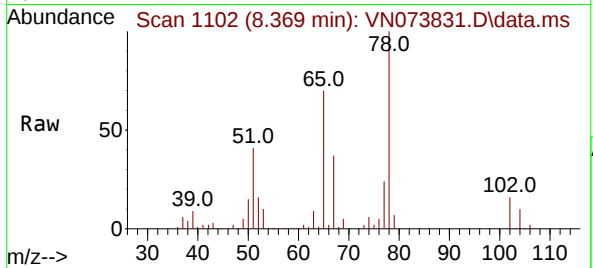
Tgt Ion: 97 Resp: 343725
Ion Ratio Lower Upper
97 100
99 64.4 50.6 76.0
61 42.5 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 50.082 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

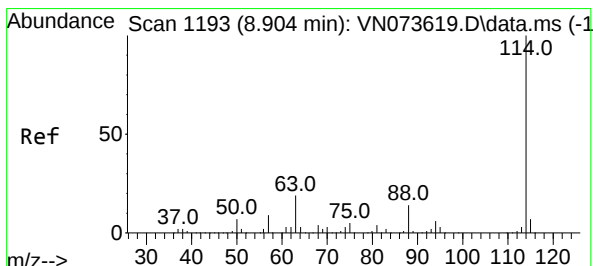
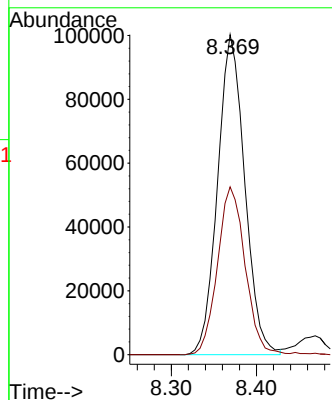
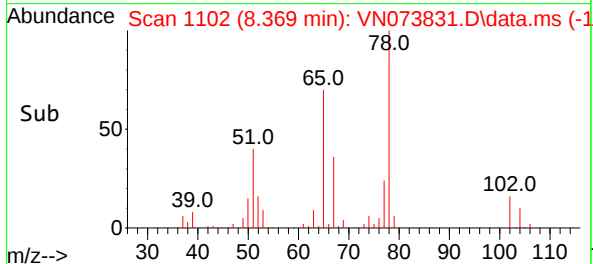
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



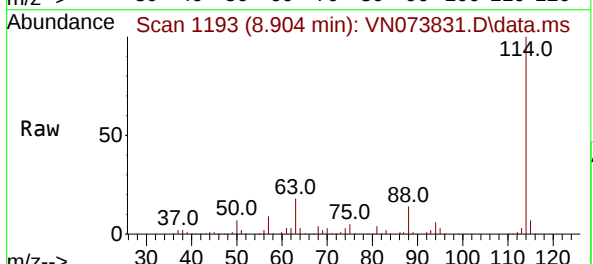
Tgt Ion: 65 Resp: 222075
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8

Manual Integrations
APPROVED

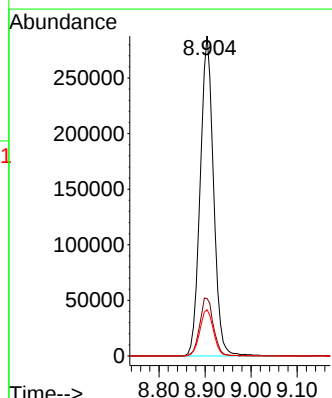
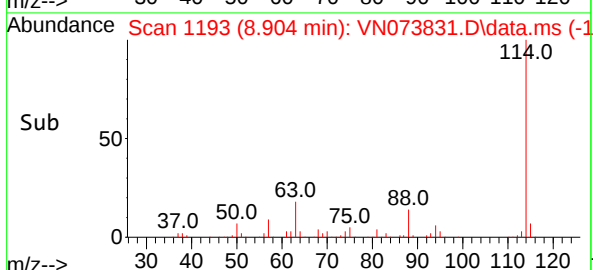
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

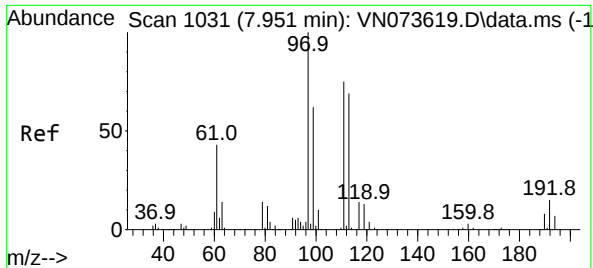


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42



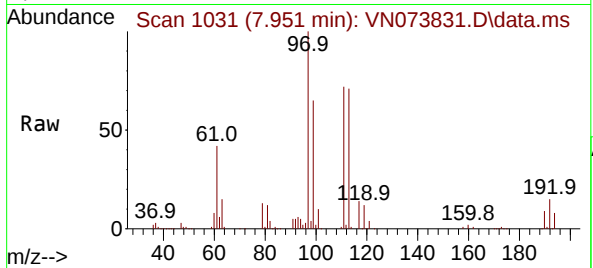
Tgt Ion:114 Resp: 580149
Ion Ratio Lower Upper
114 100
63 18.0 0.0 40.0
88 14.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.904 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

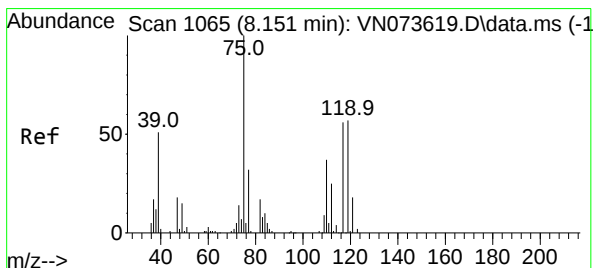
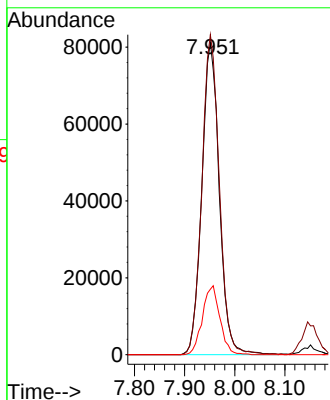
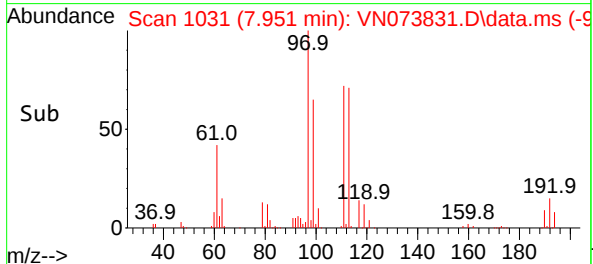
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion: 113 Resp: 196372
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 22.1 17.0 25.6

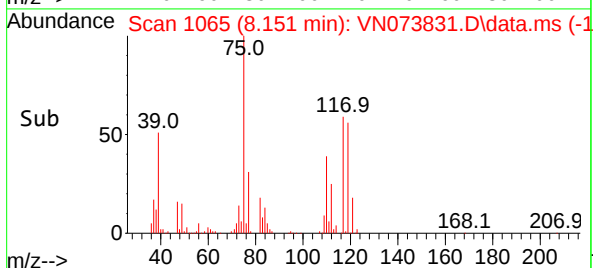
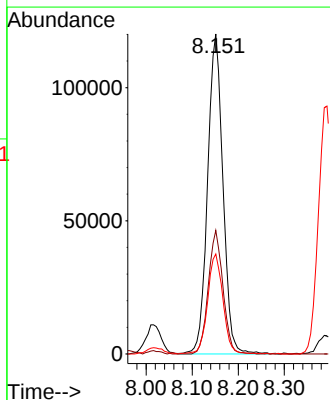
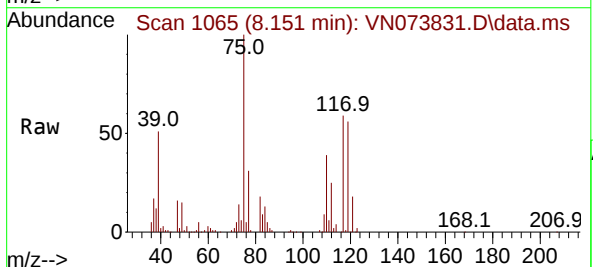
Manual Integrations
APPROVED

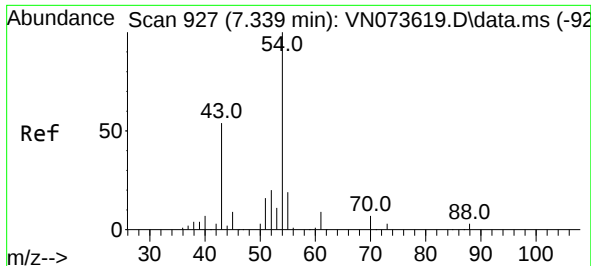
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#36
1,1-Dichloropropene
Concen: 53.670 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

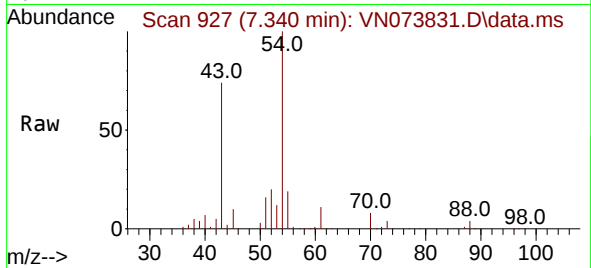
Tgt Ion: 75 Resp: 278663
Ion Ratio Lower Upper
75 100
110 36.9 18.3 54.8
77 31.3 25.1 37.7





#37
Ethyl Acetate
Concen: 52.814 ug/l
RT: 7.340 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

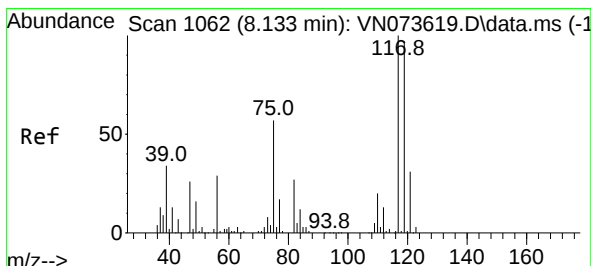
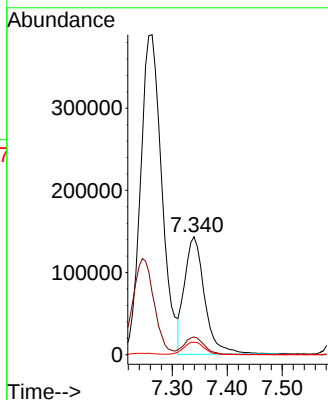
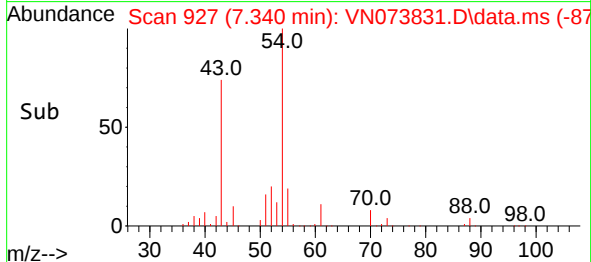
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion: 43 Resp: 36113
Ion Ratio Lower Upper
43 100
61 15.0 11.8 17.6
70 11.2 9.3 13.9

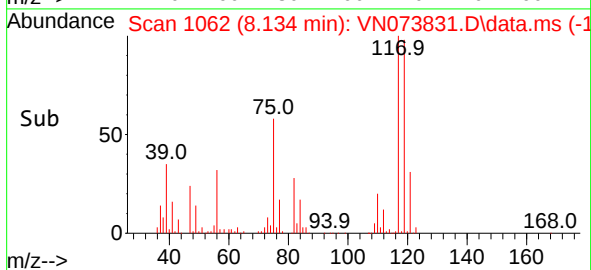
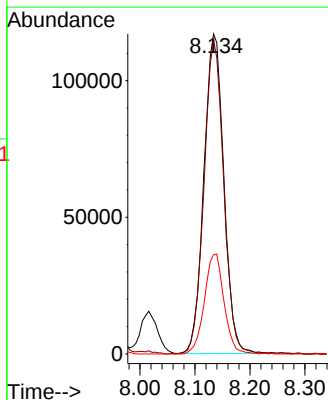
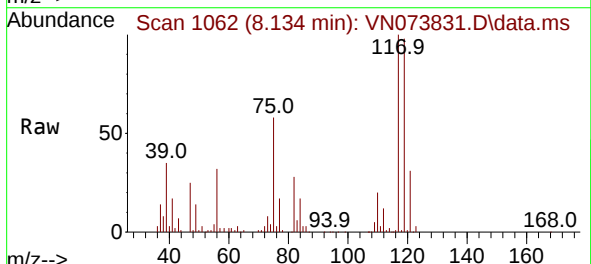
Manual Integrations
APPROVED

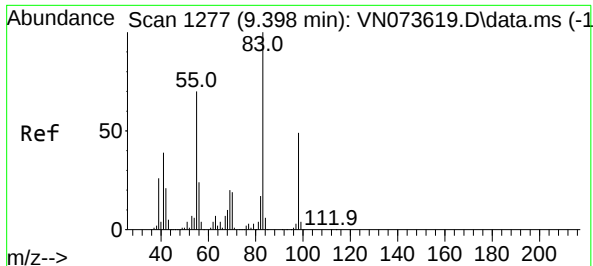
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#38
Carbon Tetrachloride
Concen: 56.071 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

Tgt Ion:117 Resp: 295681
Ion Ratio Lower Upper
117 100
119 98.2 75.8 113.8
121 31.0 24.6 37.0





#39

Methylcyclohexane

Concen: 54.551 ug/l

RT: 9.398 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073831.D

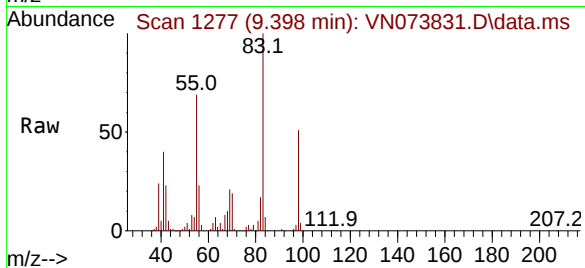
Acq: 11 Aug 2022 17:42

Instrument :

MSVOA_N

ClientSampleId :

RE133D1-20220809MSD

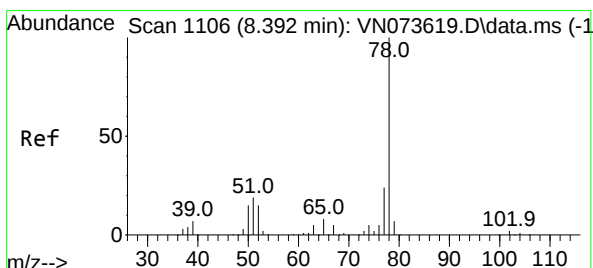
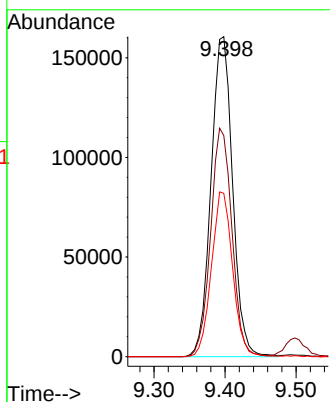
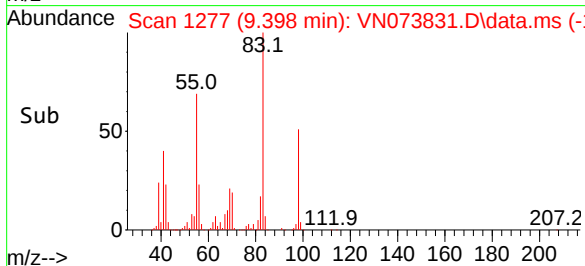


Tgt Ion:	83	Resp:	33845
Ion Ratio	Lower	Upper	
83	100		
55	69.1	57.8	86.8
98	51.1	39.4	59.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#40

Benzene

Concen: 54.345 ug/l

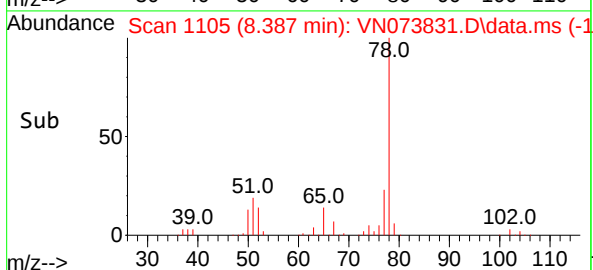
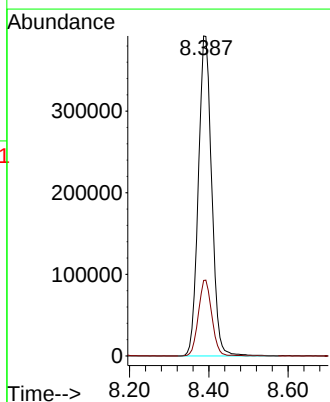
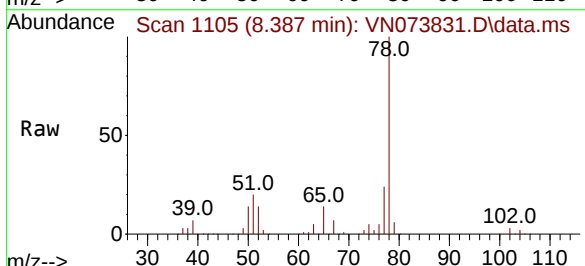
RT: 8.387 min Scan# 1105

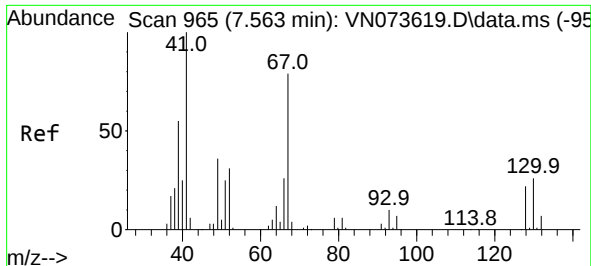
Delta R.T. -0.006 min

Lab File: VN073831.D

Acq: 11 Aug 2022 17:42

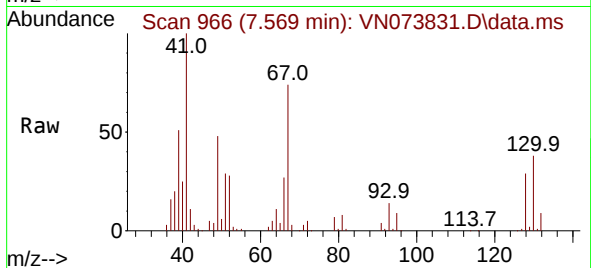
Tgt Ion:	78	Resp:	916274
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.4	29.0





#41
Methacrylonitrile
Concen: 59.160 ug/l
RT: 7.569 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

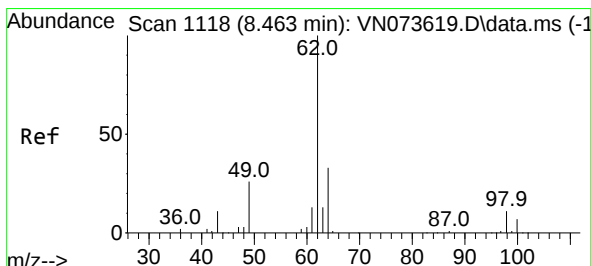
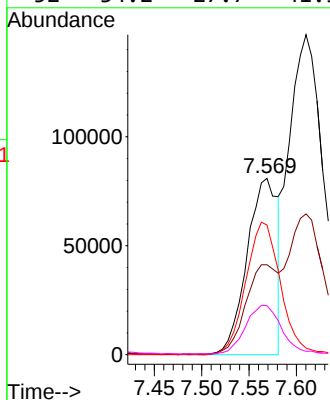
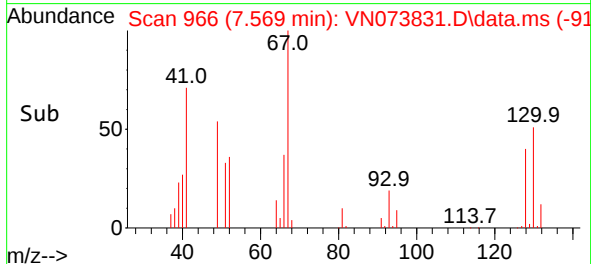
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion: 41 Resp: 18304
Ion Ratio Lower Upper
41 100
39 53.2 48.6 73.0
67 85.3 73.4 110.2
52 34.2 27.7 41.5

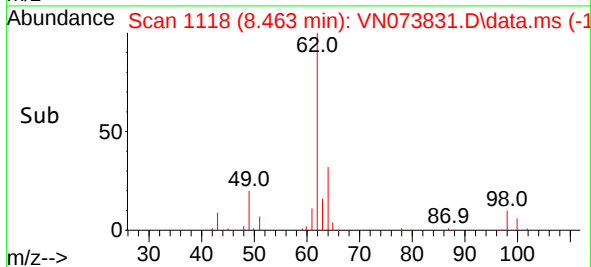
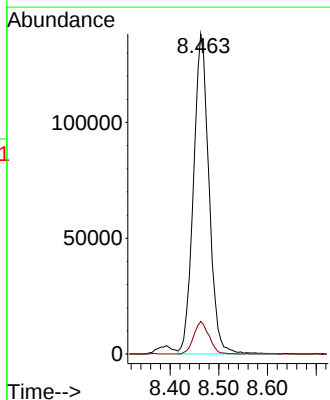
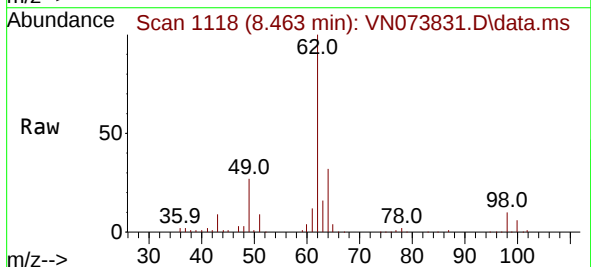
Manual Integrations
APPROVED

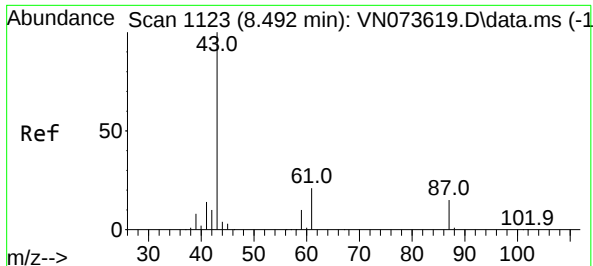
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#42
1,2-Dichloroethane
Concen: 53.985 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

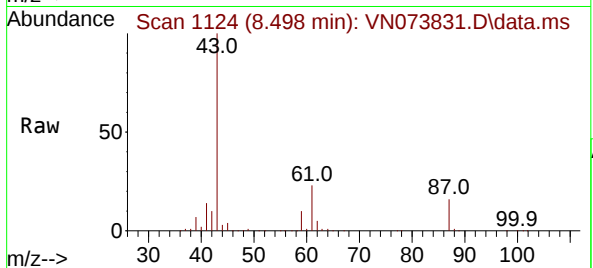
Tgt Ion: 62 Resp: 306759
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.4





#43
Isopropyl Acetate
Concen: 55.434 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

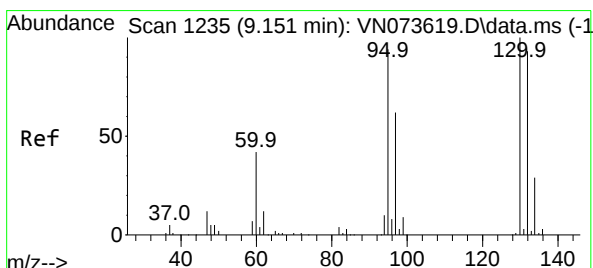
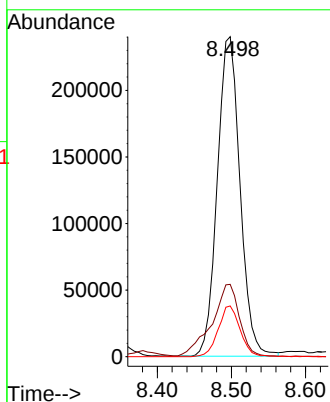
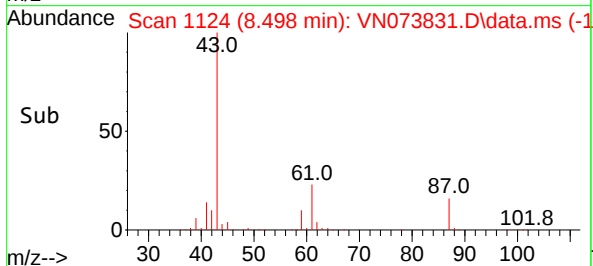
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion: 43 Resp: 51197
Ion Ratio Lower Upper
43 100
61 27.6 21.9 32.9
87 15.3 12.0 18.0

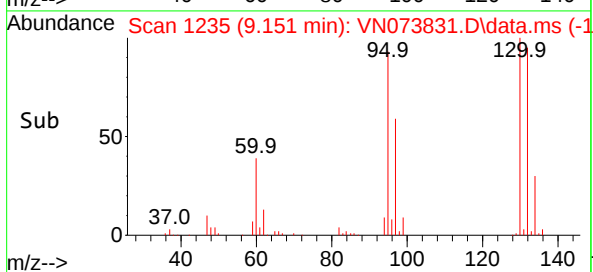
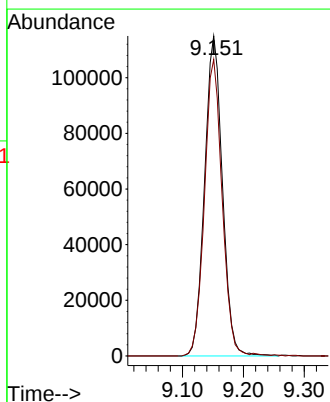
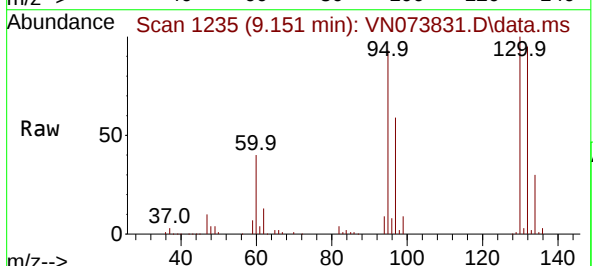
Manual Integrations
APPROVED

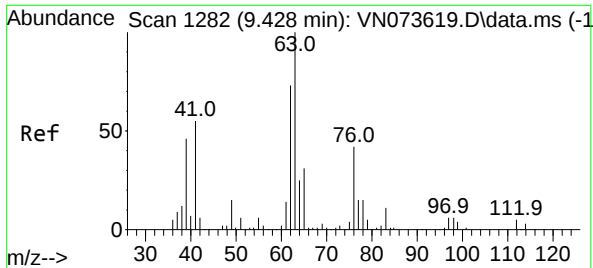
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#44
Trichloroethene
Concen: 54.661 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

Tgt Ion:130 Resp: 233709
Ion Ratio Lower Upper
130 100
95 92.6 0.0 186.8





#45

1,2-Dichloropropane

Concen: 53.337 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073831.D

Acq: 11 Aug 2022 17:42

Instrument :

MSVOA_N

ClientSampleId :

RE133D1-20220809MSD

Tgt Ion: 63 Resp: 224778

Ion Ratio Lower Upper

63 100

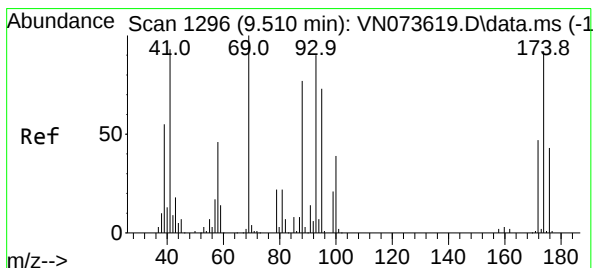
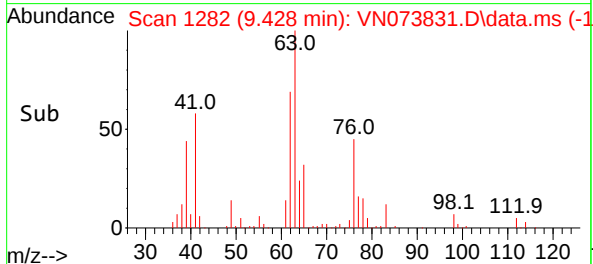
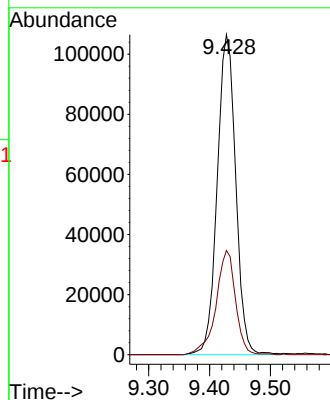
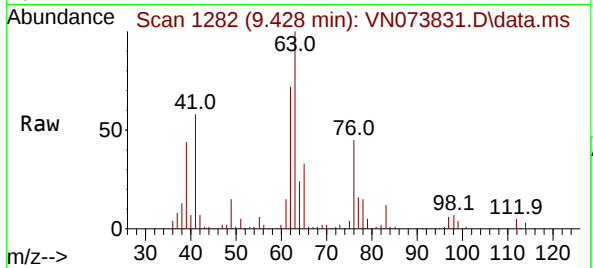
65 32.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#46

Dibromomethane

Concen: 55.522 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073831.D

Acq: 11 Aug 2022 17:42

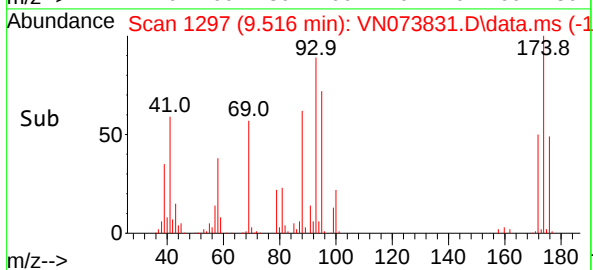
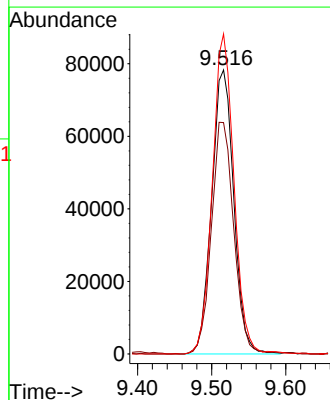
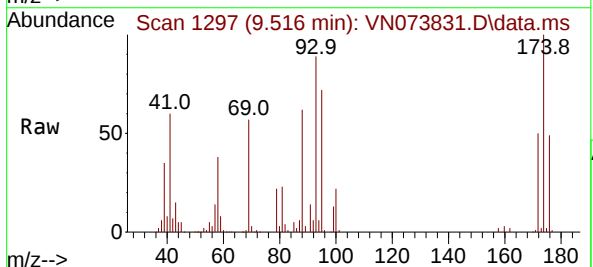
Tgt Ion: 93 Resp: 162396

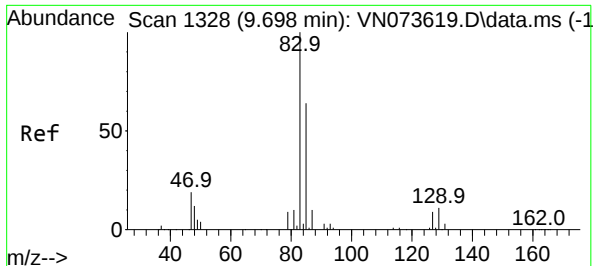
Ion Ratio Lower Upper

93 100

95 82.8 66.9 100.3

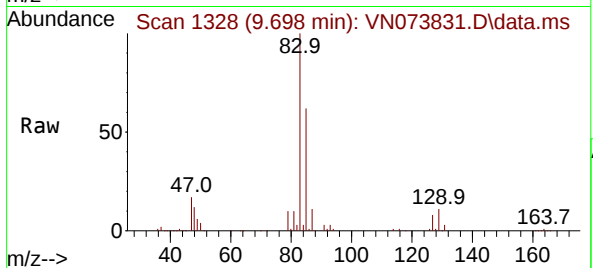
174 110.0 86.6 130.0





#47
Bromodichloromethane
Concen: 55.314 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

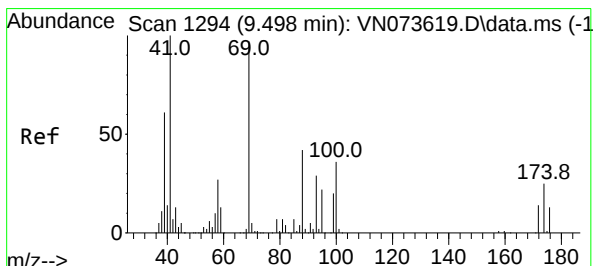
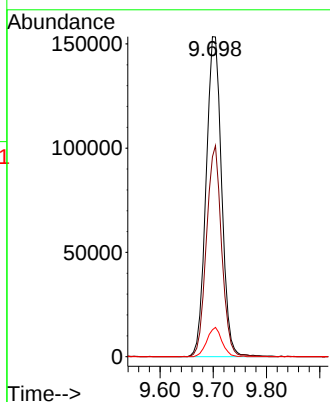
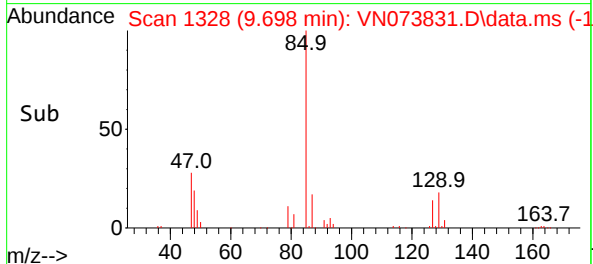
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



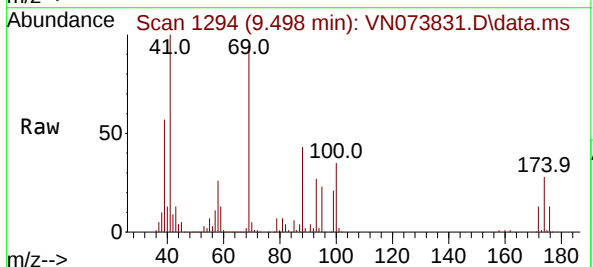
Tgt Ion: 83 Resp: 310519
Ion Ratio Lower Upper
83 100
85 62.5 50.5 75.7
127 8.4 6.8 10.2

Manual Integrations
APPROVED

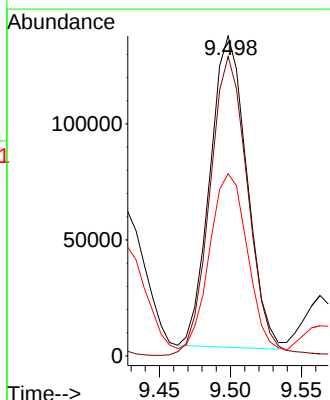
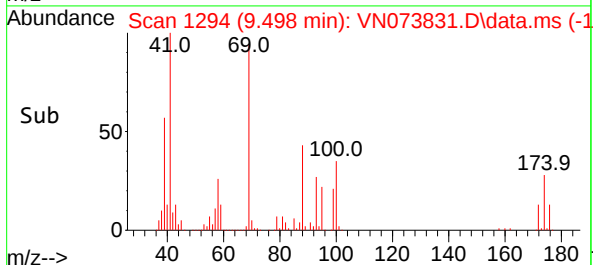
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

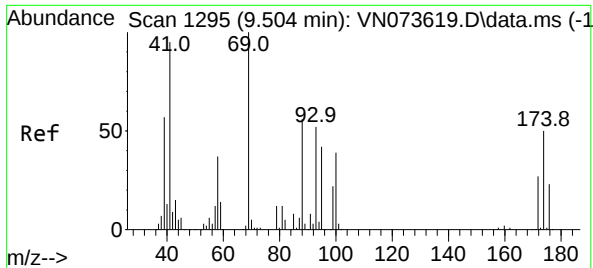


#48
Methyl methacrylate
Concen: 59.700 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42



Tgt Ion: 41 Resp: 241349
Ion Ratio Lower Upper
41 100
69 100.1 74.7 112.1
39 58.3 45.6 68.4





#49

1,4-Dioxane

Concen: 1264.841 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073831.D

Acq: 11 Aug 2022 17:42

Instrument :

MSVOA_N

ClientSampleId :

RE133D1-20220809MSD

Tgt Ion: 88 Resp: 14414

Ion Ratio Lower Upper

88 100

43 27.0 20.2 30.4

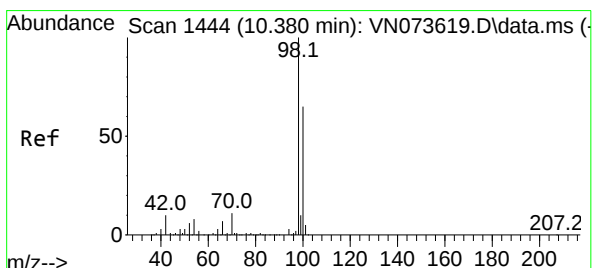
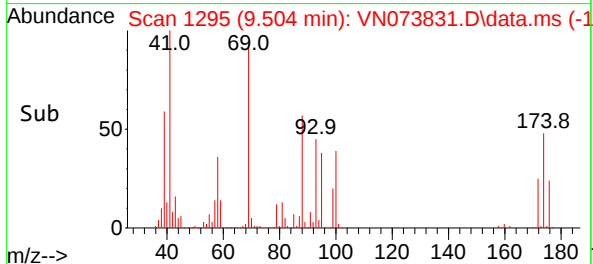
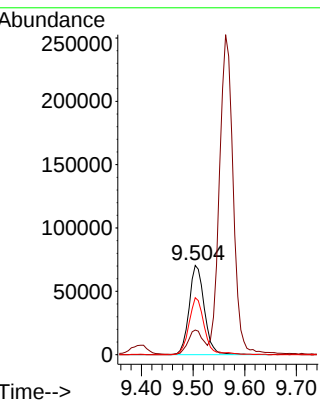
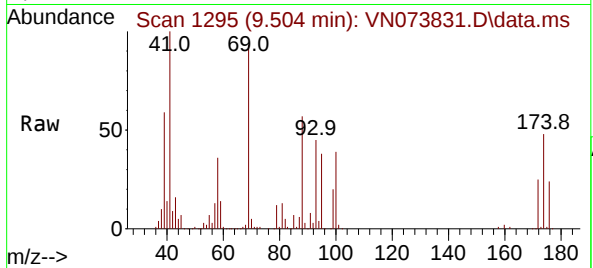
58 64.5 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#50

Toluene-d8

Concen: 50.273 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073831.D

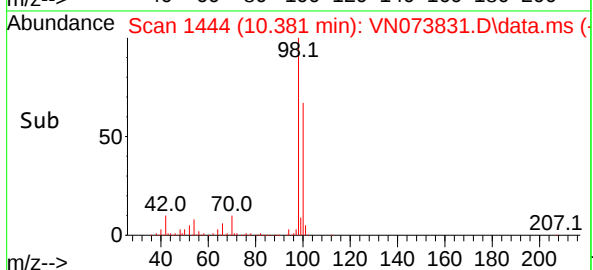
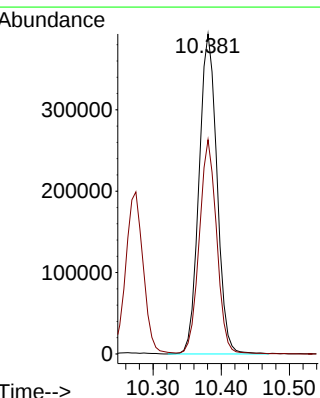
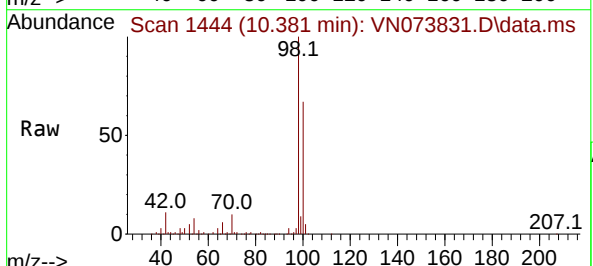
Acq: 11 Aug 2022 17:42

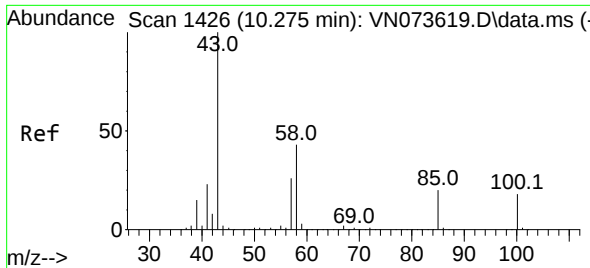
Tgt Ion: 98 Resp: 720684

Ion Ratio Lower Upper

98 100

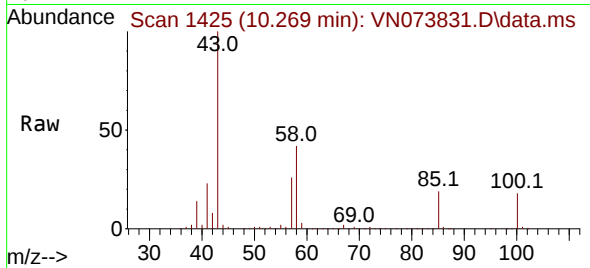
100 64.6 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 295.064 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

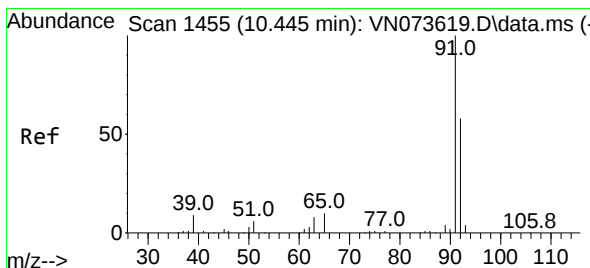
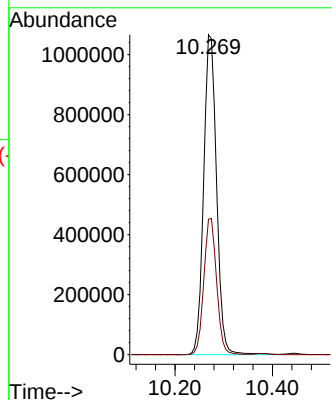
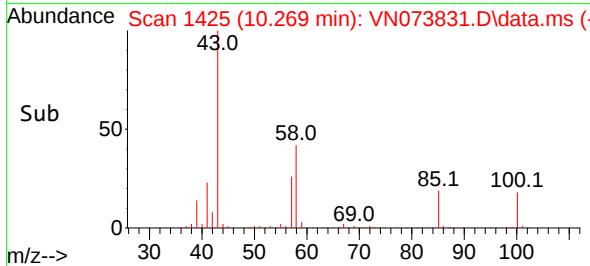
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion: 43 Resp: 195457
Ion Ratio Lower Upper
43 100
58 42.2 34.1 51.1

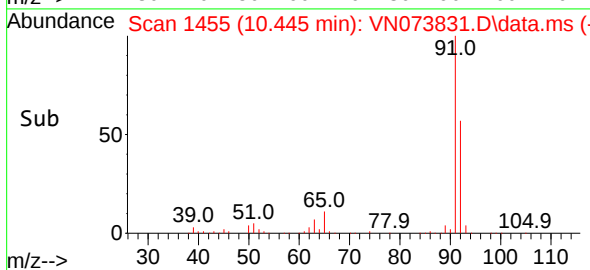
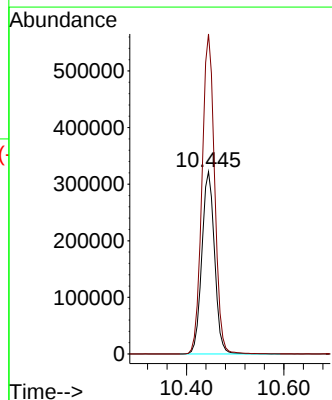
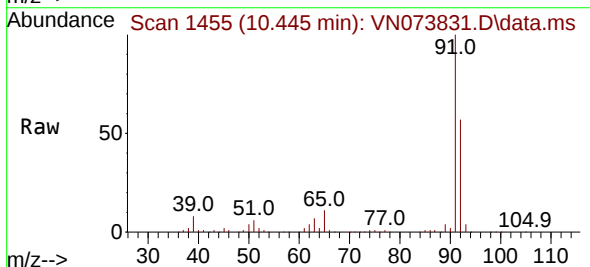
Manual Integrations
APPROVED

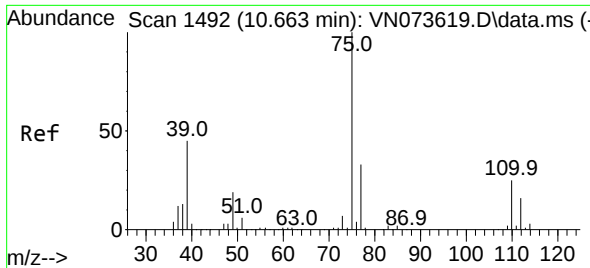
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#52
Toluene
Concen: 56.659 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

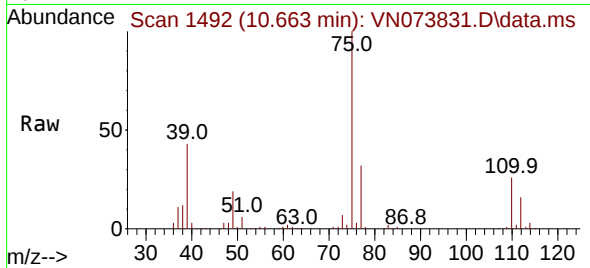
Tgt Ion: 92 Resp: 583504
Ion Ratio Lower Upper
92 100
91 174.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 58.386 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

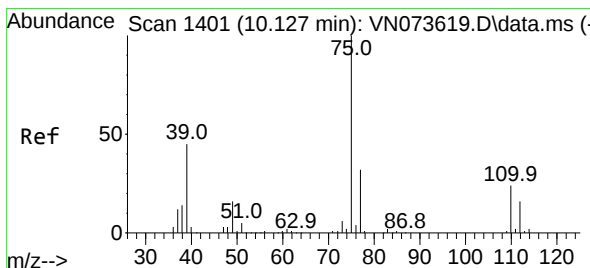
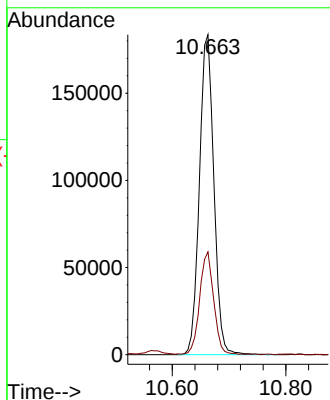
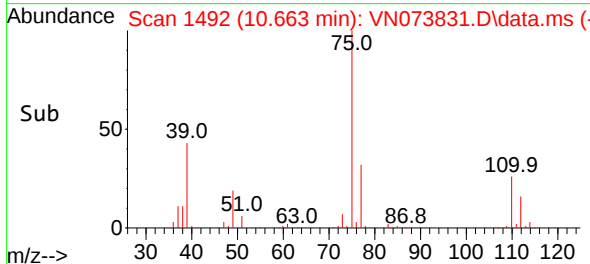
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion: 75 Resp: 323798
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4

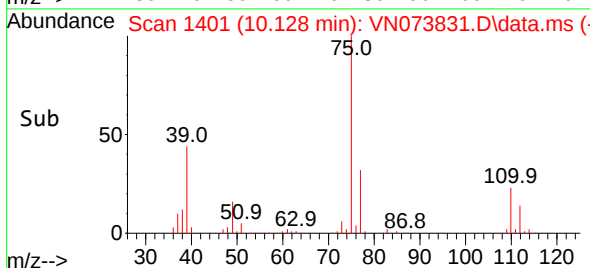
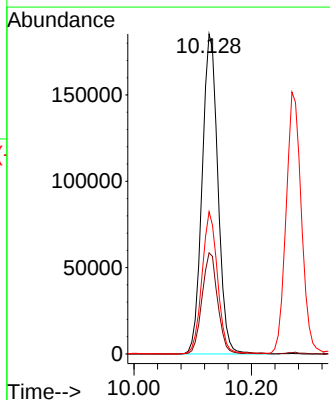
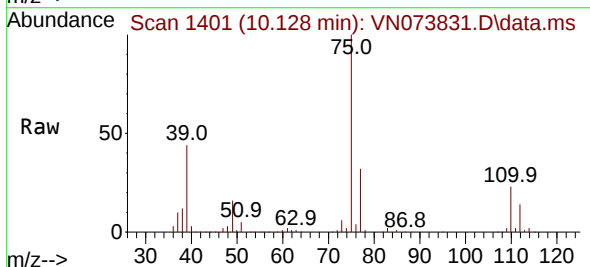
Manual Integrations
APPROVED

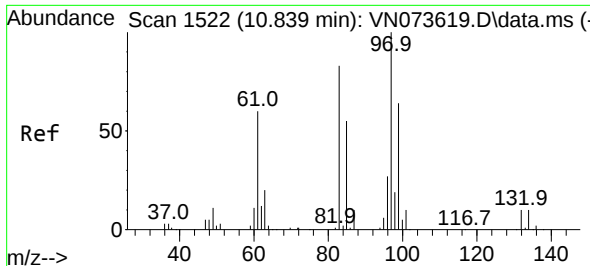
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#54
cis-1,3-Dichloropropene
Concen: 55.408 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

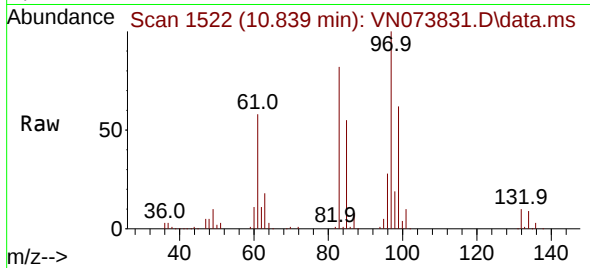
Tgt Ion: 75 Resp: 346269
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 44.5 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 55.484 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

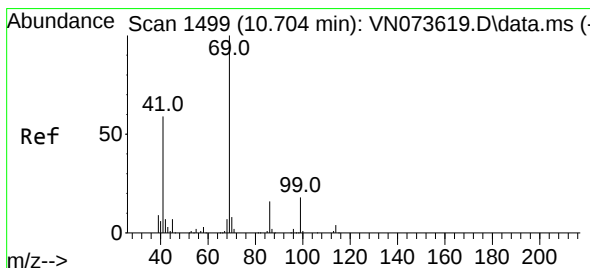
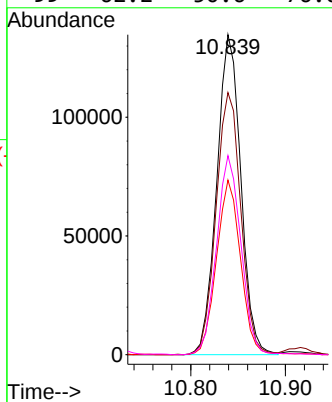
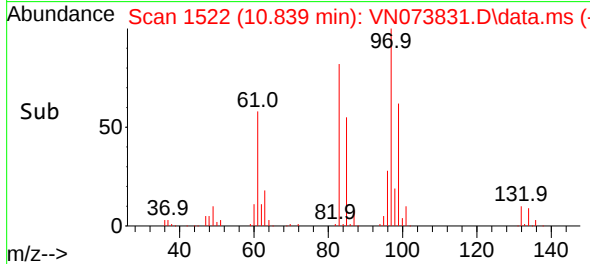
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



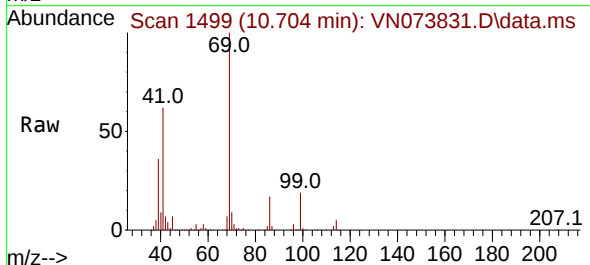
Tgt Ion: 97 Resp: 238278
Ion Ratio Lower Upper
97 100
83 81.8 66.2 99.4
85 54.6 43.9 65.9
99 62.2 50.6 76.0

Manual Integrations
APPROVED

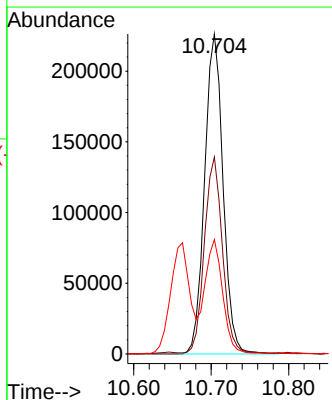
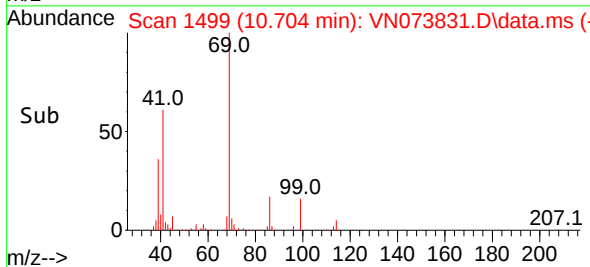
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

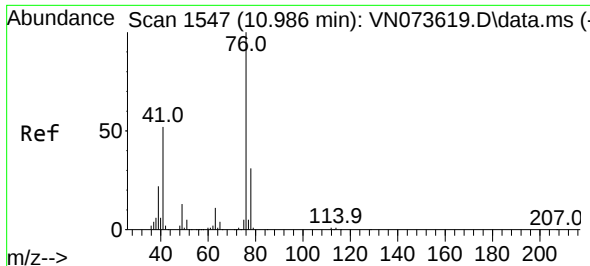


#56
Ethyl methacrylate
Concen: 63.215 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42



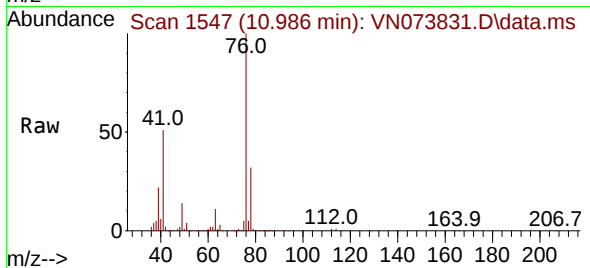
Tgt Ion: 69 Resp: 374163
Ion Ratio Lower Upper
69 100
41 59.8 47.8 71.6
39 34.3 27.3 40.9





#57
1,3-Dichloropropane
Concen: 55.402 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

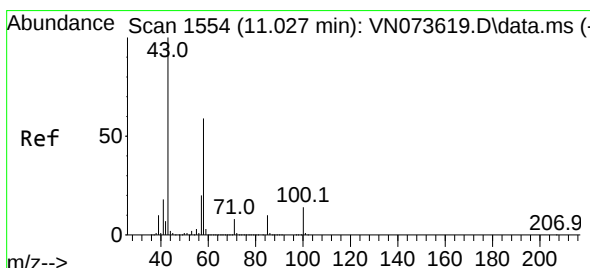
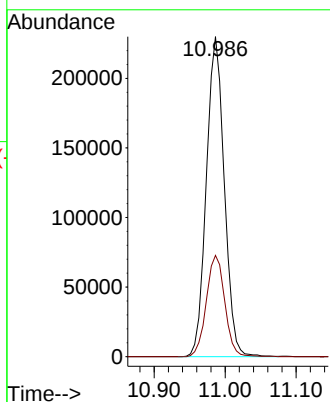
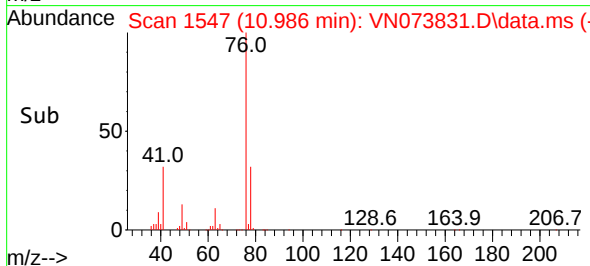
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



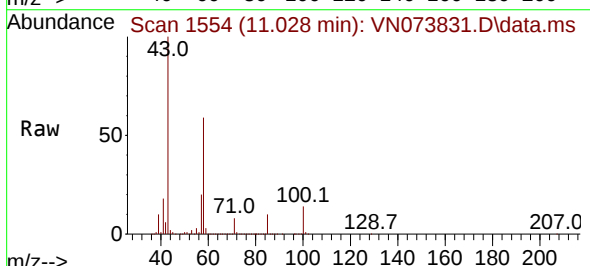
Tgt Ion: 76 Resp: 403672
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.2

Manual Integrations
APPROVED

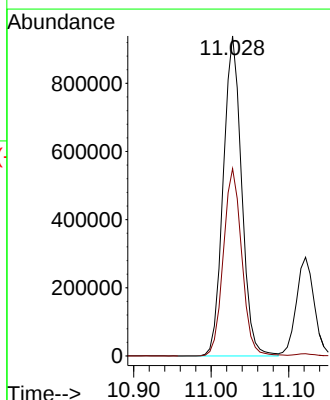
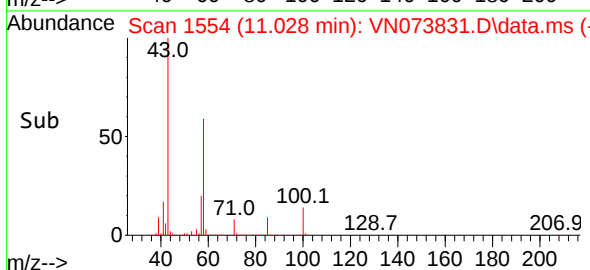
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

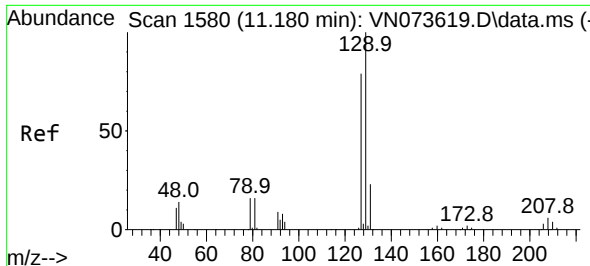


#59
2-Hexanone
Concen: 308.177 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.001 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42



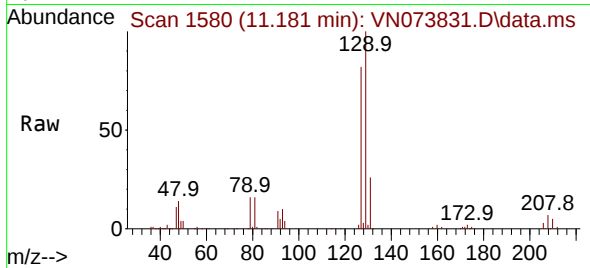
Tgt Ion: 43 Resp: 1546678
Ion Ratio Lower Upper
43 100
58 58.6 29.7 89.1





#60
Dibromochloromethane
Concen: 59.183 ug/l
RT: 11.181 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

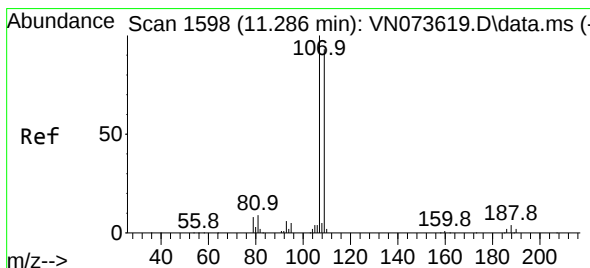
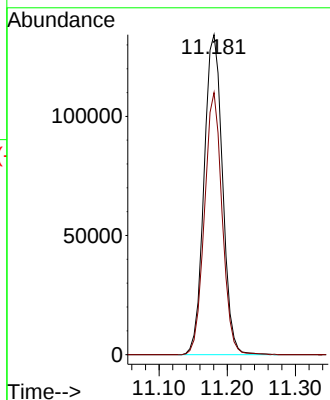
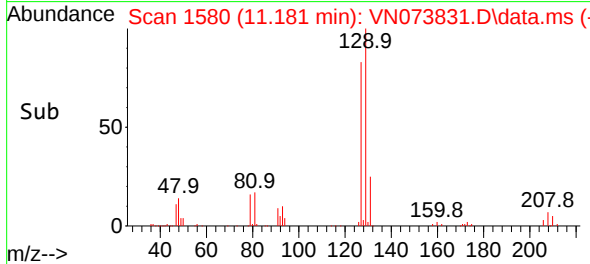
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



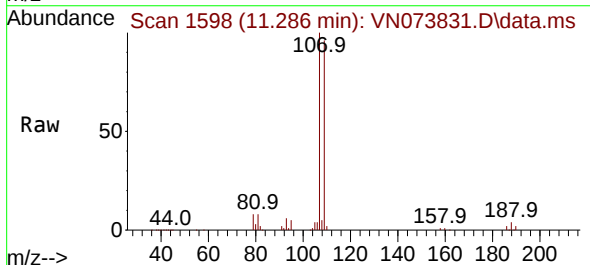
Tgt Ion:129 Resp: 252852
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.4

Manual Integrations
APPROVED

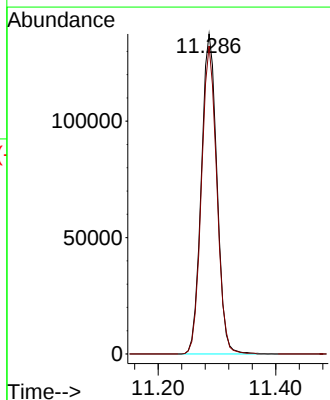
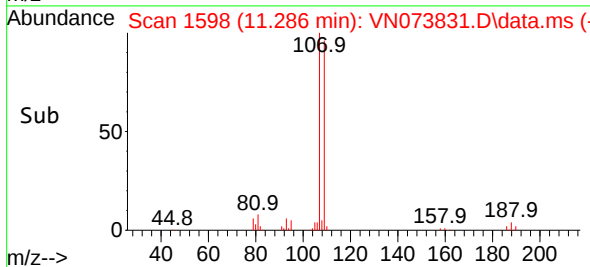
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

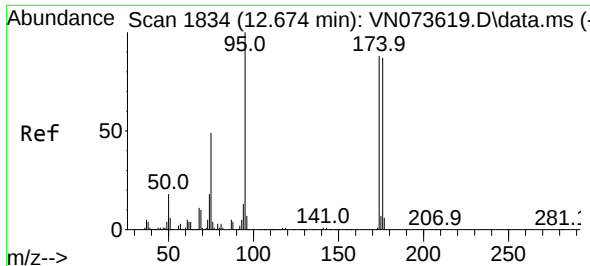


#61
1,2-Dibromoethane
Concen: 57.262 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42



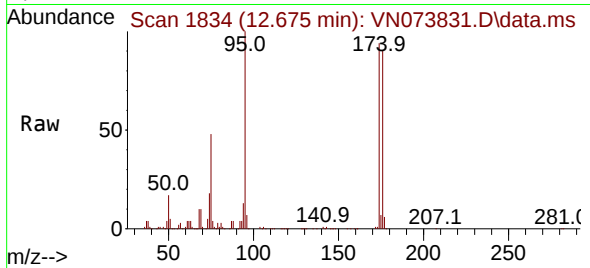
Tgt Ion:107 Resp: 253267
Ion Ratio Lower Upper
107 100
109 94.7 75.0 112.6





#62
4-Bromofluorobenzene
Concen: 49.739 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

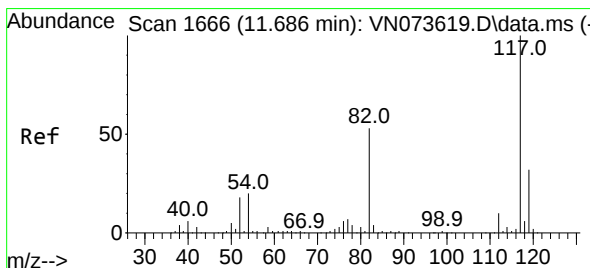
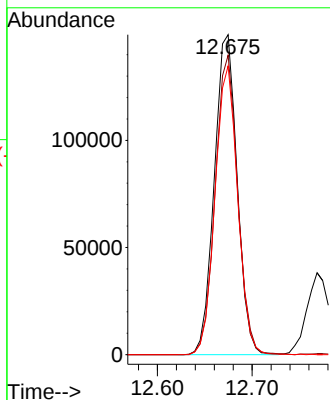
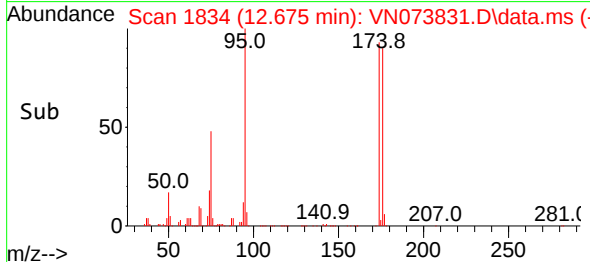
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



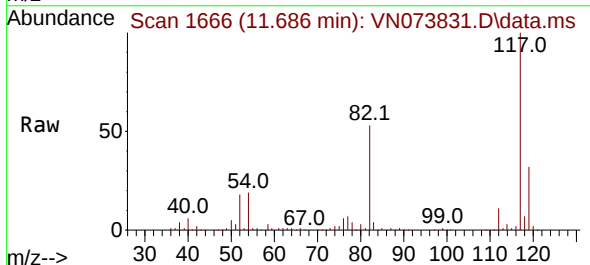
Tgt Ion: 95 Resp: 25023
Ion Ratio Lower Upper
95 100
174 92.2 0.0 167.6
176 89.3 0.0 163.4

Manual Integrations
APPROVED

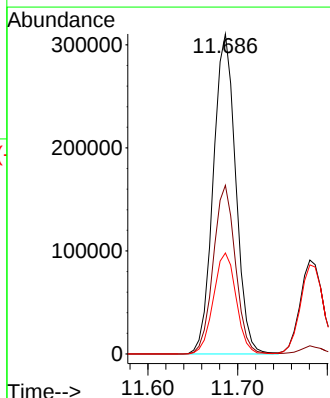
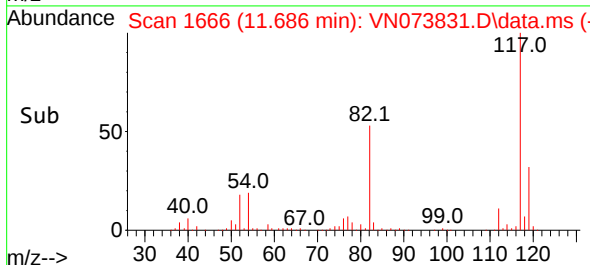
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

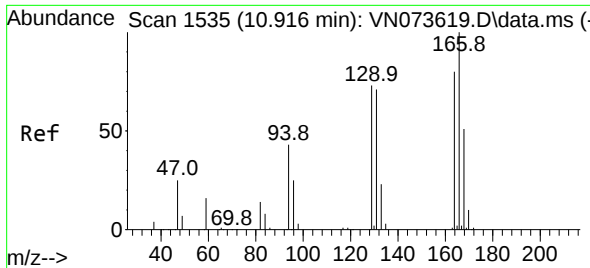


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42



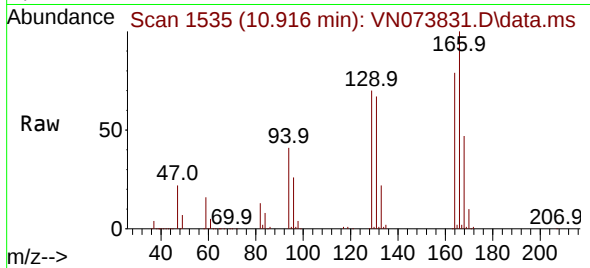
Tgt Ion:117 Resp: 538054
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 31.6 25.4 38.0





#64
Tetrachloroethene
Concen: 50.343 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

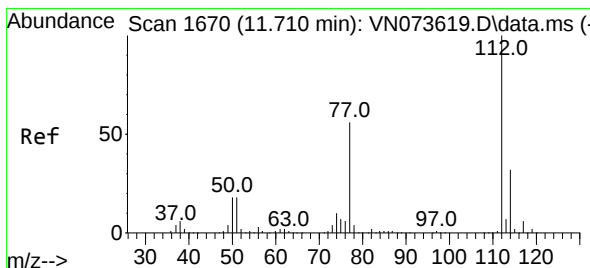
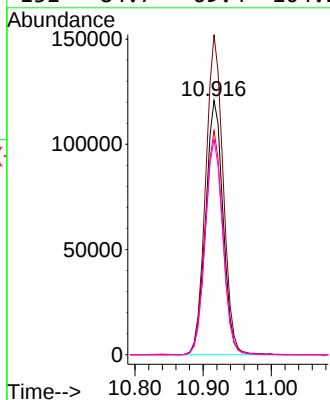
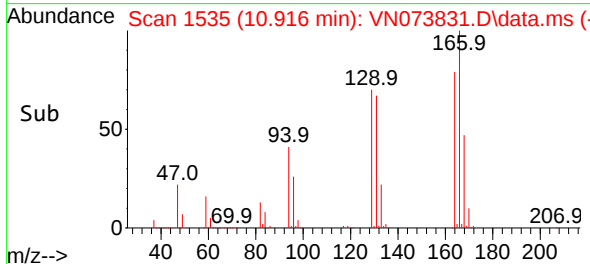
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion:164 Resp: 215272
Ion Ratio Lower Upper
164 100
166 125.9 104.2 156.2
129 88.1 73.9 110.9
131 84.7 69.4 104.2

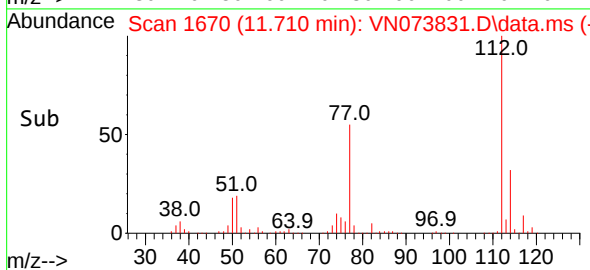
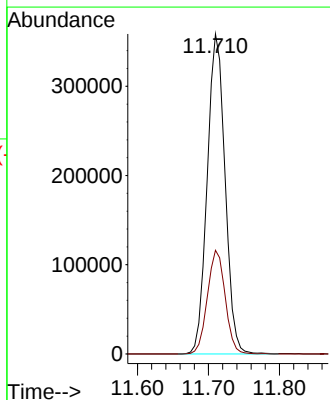
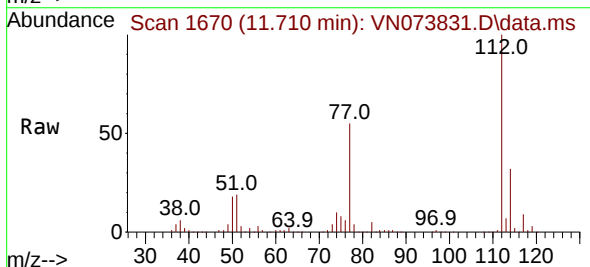
Manual Integrations
APPROVED

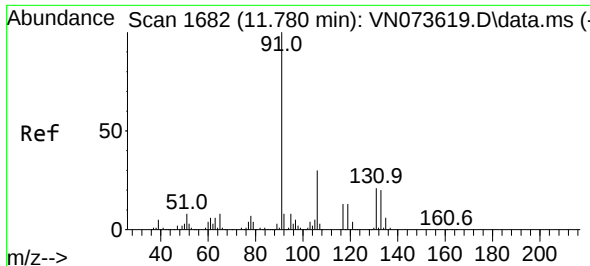
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#65
Chlorobenzene
Concen: 54.838 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

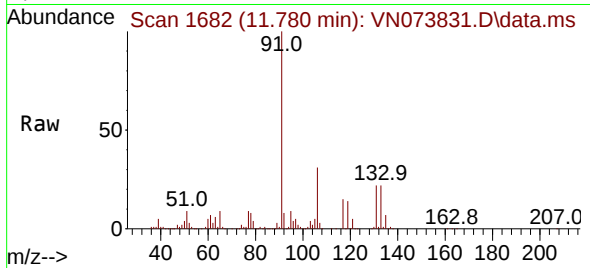
Tgt Ion:112 Resp: 626724
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2





#66
1,1,1,2-Tetrachloroethane
Concen: 57.730 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

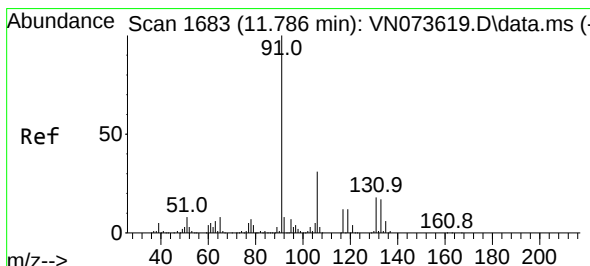
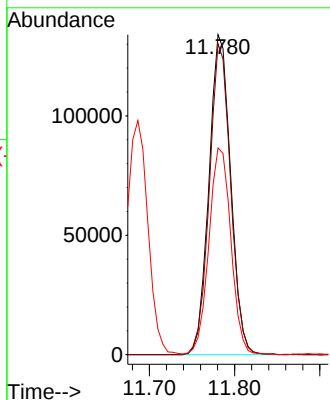
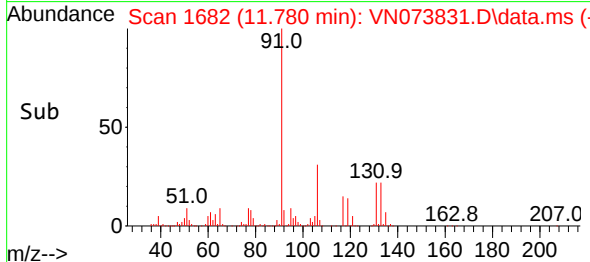
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion:131 Resp: 236648
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.4
119 65.7 33.4 100.2

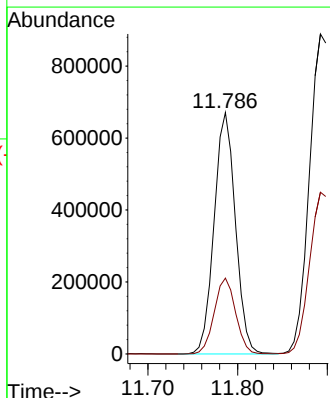
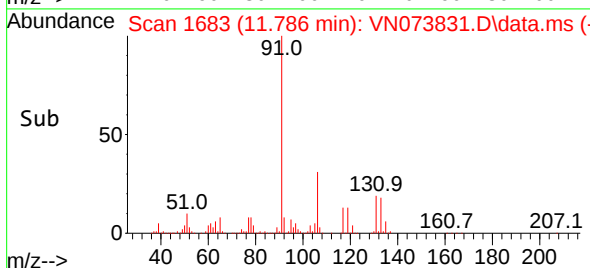
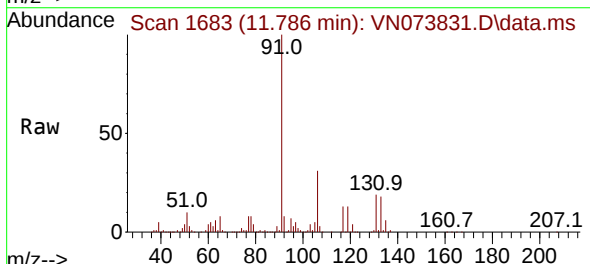
Manual Integrations
APPROVED

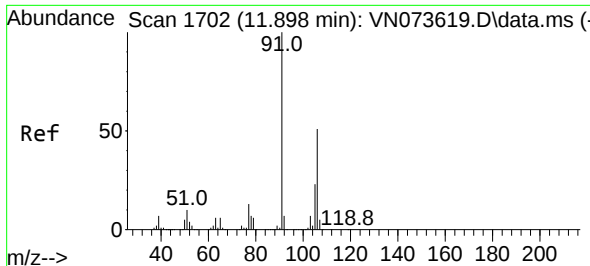
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#67
Ethyl Benzene
Concen: 57.353 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

Tgt Ion: 91 Resp: 1105815
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3





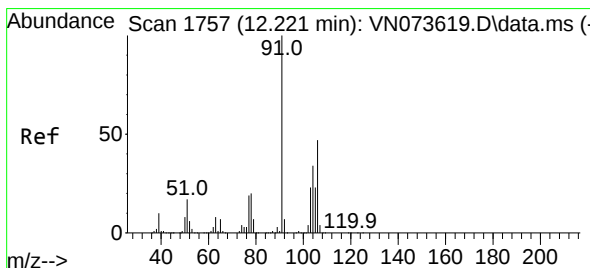
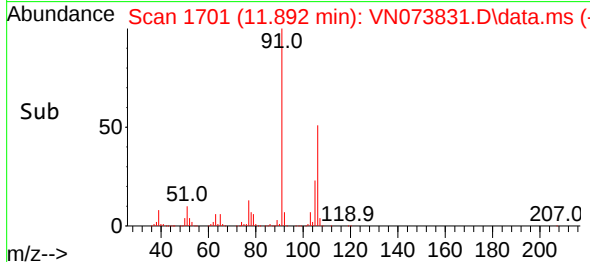
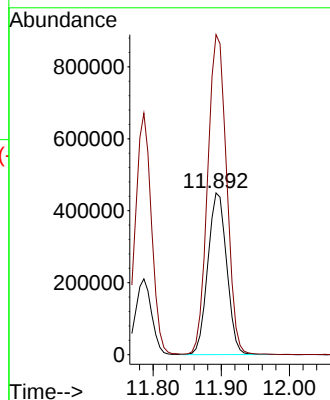
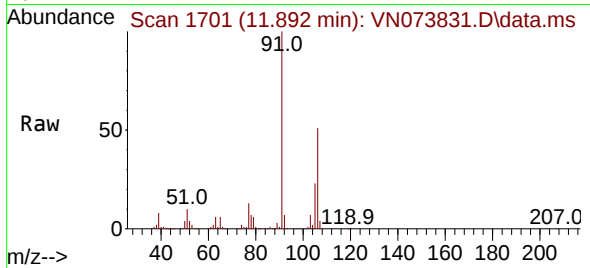
#68
m/p-Xylenes
Concen: 117.725 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD

Tgt Ion:106 Resp: 865715
Ion Ratio Lower Upper
106 100
91 198.6 158.9 238.3

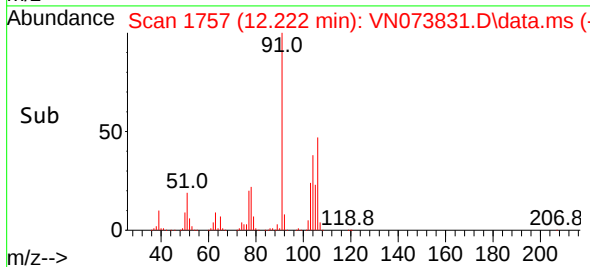
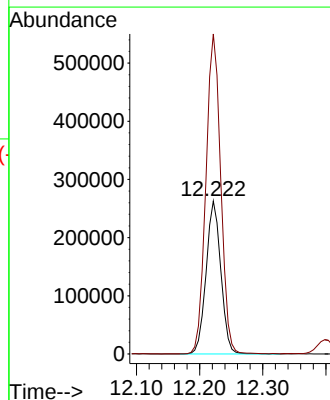
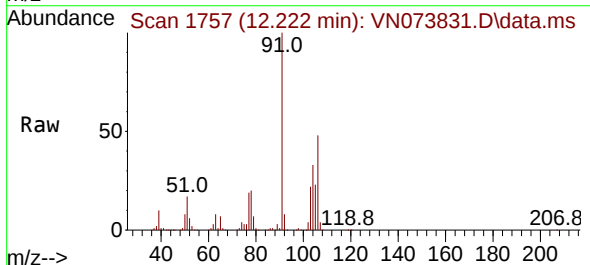
Manual Integrations
APPROVED

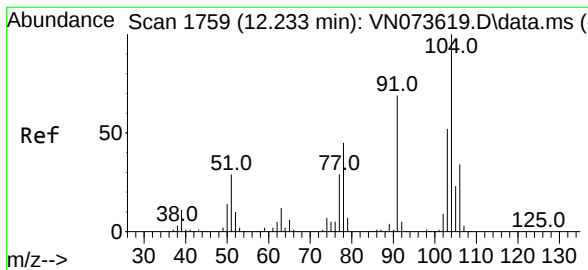
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#69
o-Xylene
Concen: 59.345 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

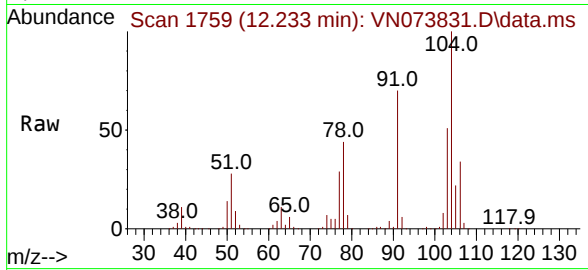
Tgt Ion:106 Resp: 425464
Ion Ratio Lower Upper
106 100
91 210.9 106.0 318.0





#70
Styrene
Concen: 62.068 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

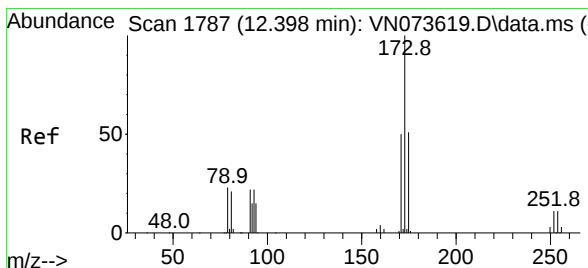
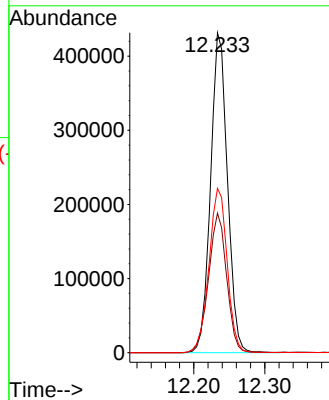
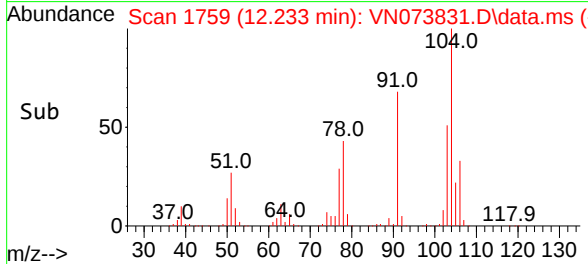
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion:104 Resp: 712320
Ion Ratio Lower Upper
104 100
78 46.9 39.5 59.3
103 55.5 44.0 66.0

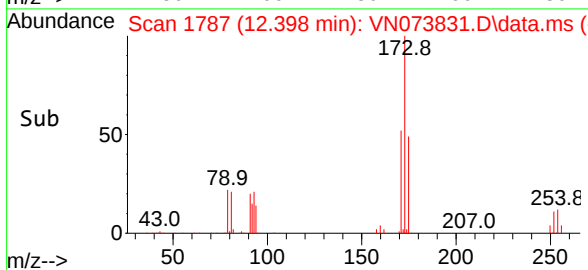
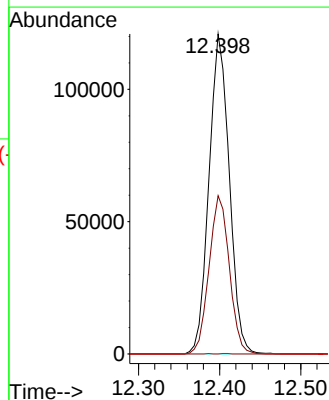
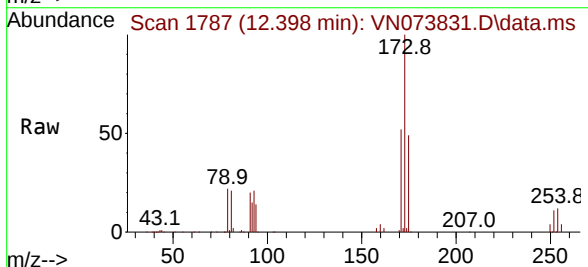
Manual Integrations
APPROVED

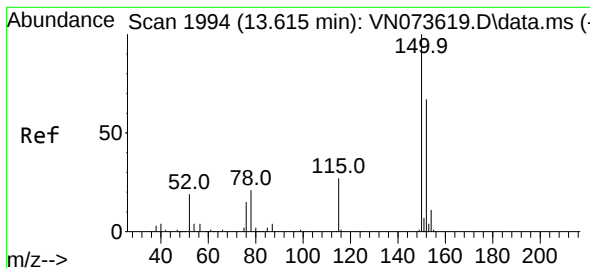
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#71
Bromoform
Concen: 62.043 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

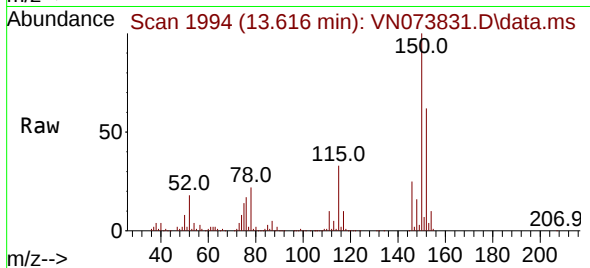
Tgt Ion:173 Resp: 209925
Ion Ratio Lower Upper
173 100
175 49.4 24.6 73.6
254 0.1 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

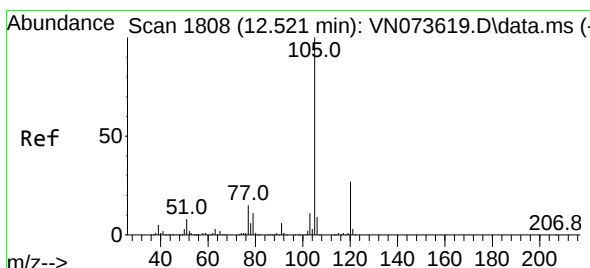
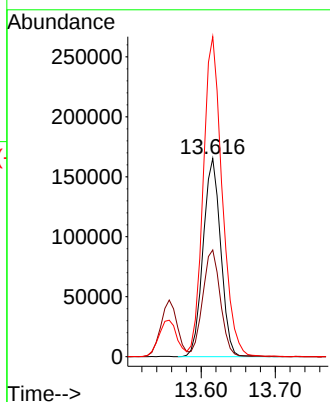
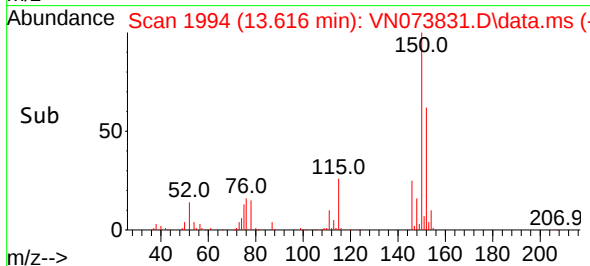
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



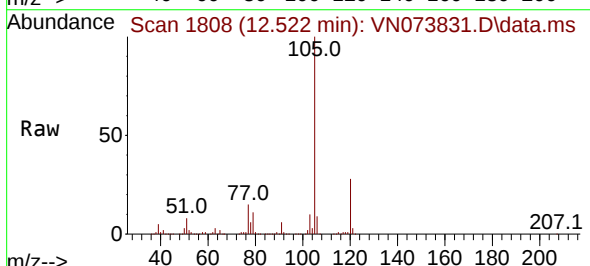
Tgt Ion:152 Resp: 272732
Ion Ratio Lower Upper
152 100
115 54.6 28.9 86.7
150 174.6 0.0 356.2

Manual Integrations
APPROVED

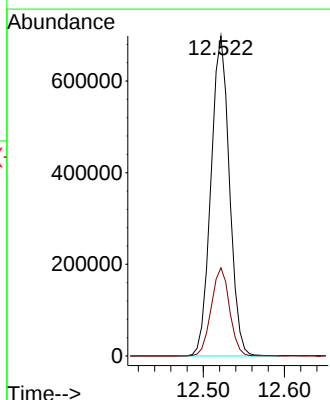
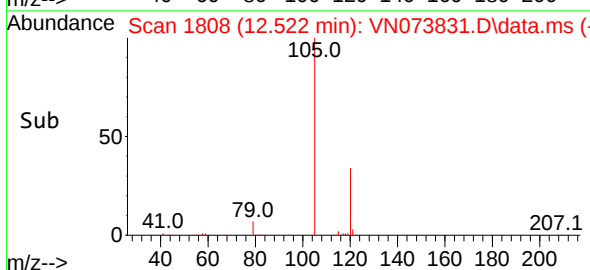
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

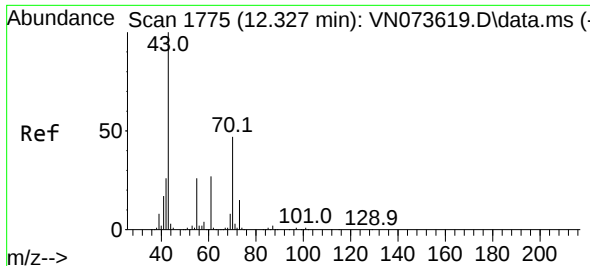


#73
Isopropylbenzene
Concen: 55.318 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42



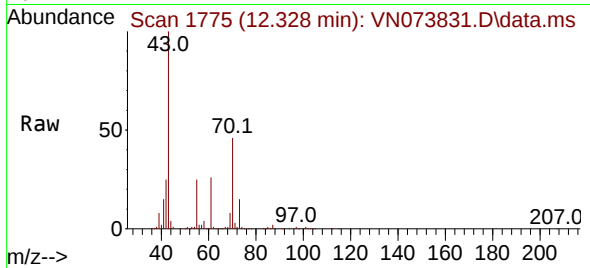
Tgt Ion:105 Resp: 1104408
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4





#74
N-amy1 acetate
Concen: 56.072 ug/l
RT: 12.328 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

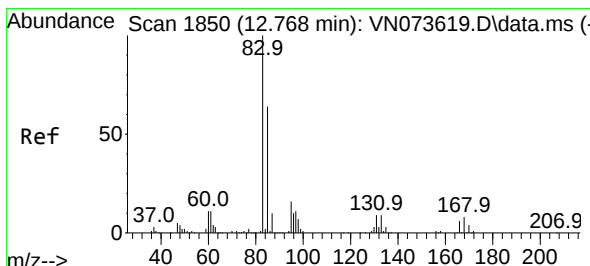
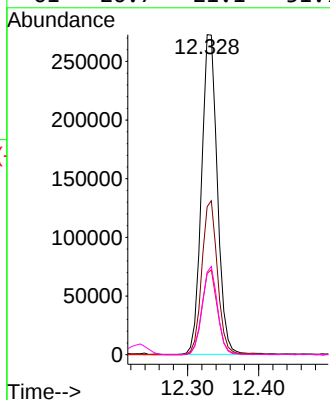
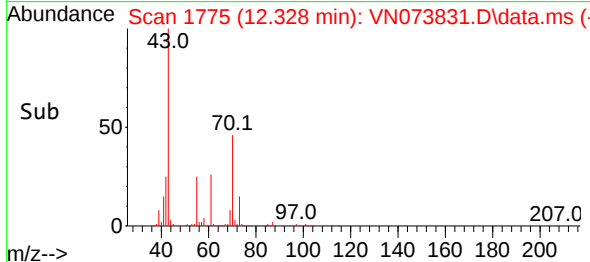
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



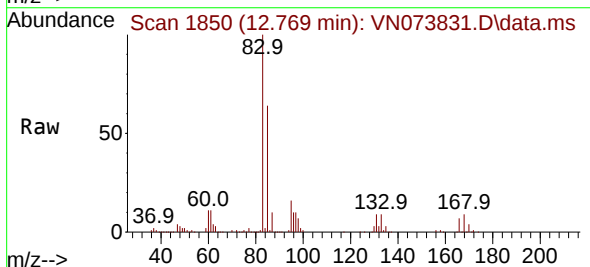
Tgt Ion: 43 Resp: 422964
Ion Ratio Lower Upper
43 100
70 47.6 39.0 58.4
55 26.6 21.1 31.7
61 26.7 21.1 31.7

Manual Integrations
APPROVED

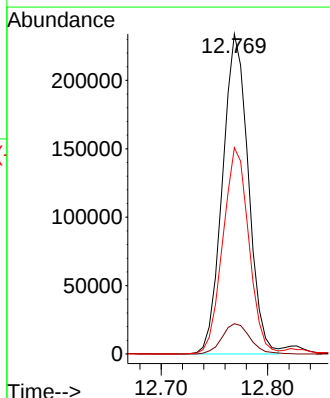
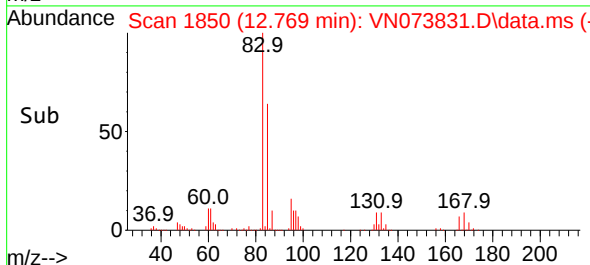
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

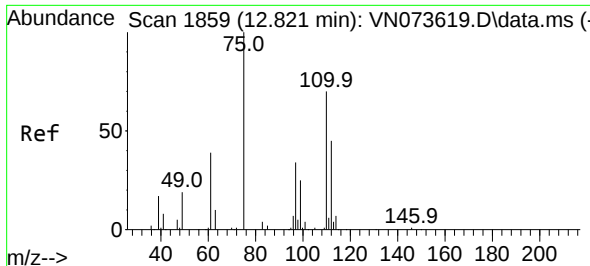


#75
1,1,2,2-Tetrachloroethane
Concen: 51.079 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42



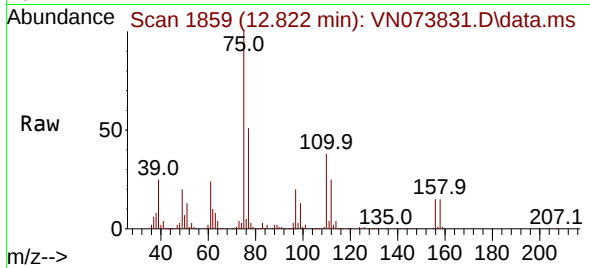
Tgt Ion: 83 Resp: 393515
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.9
85 65.1 32.3 96.9





#76
1,2,3-Trichloropropane
Concen: 59.638 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.001 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

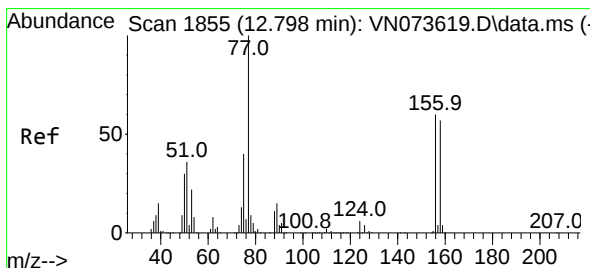
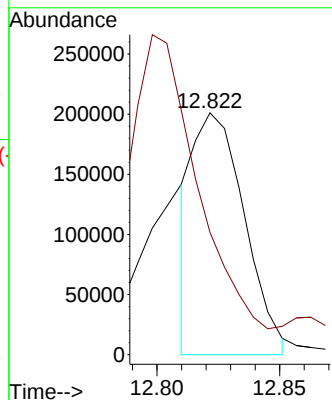
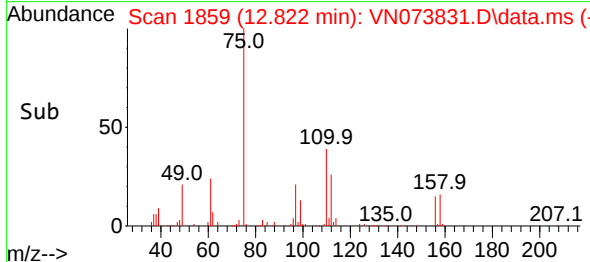
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion: 75 Resp: 29486
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5

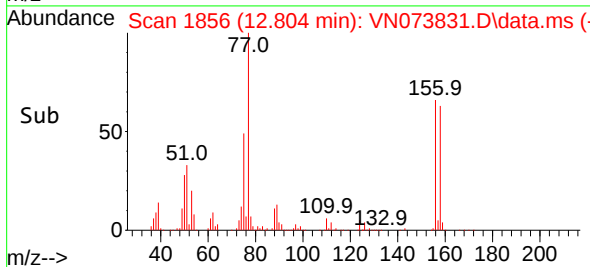
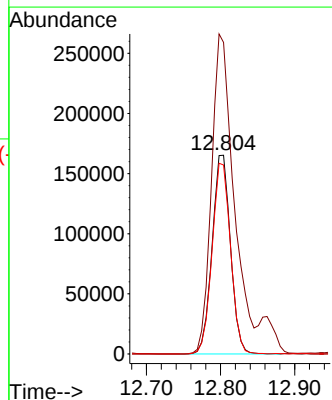
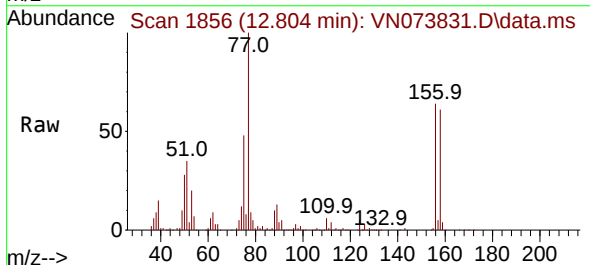
Manual Integrations
APPROVED

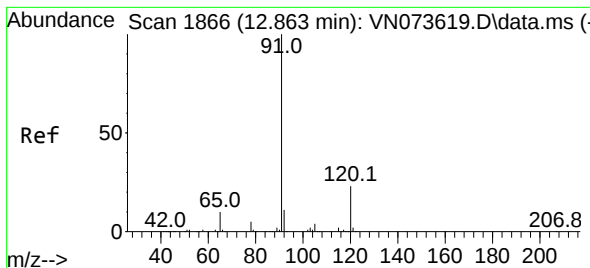
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#77
Bromobenzene
Concen: 54.711 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

Tgt Ion:156 Resp: 284451
Ion Ratio Lower Upper
156 100
77 194.0 100.5 301.5
158 96.5 48.9 146.6





#78

n-propylbenzene

Concen: 55.701 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VN073831.D

Acq: 11 Aug 2022 17:42

Instrument :

MSVOA_N

ClientSampleId :

RE133D1-20220809MSD

Tgt Ion: 91 Resp: 1251269

Ion Ratio Lower Upper

91 100

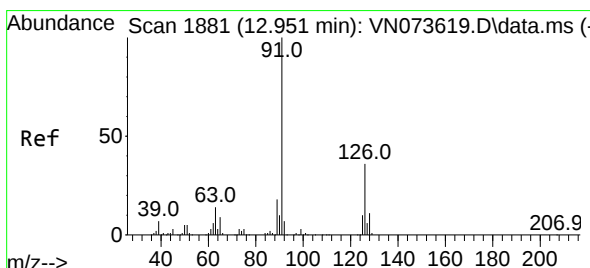
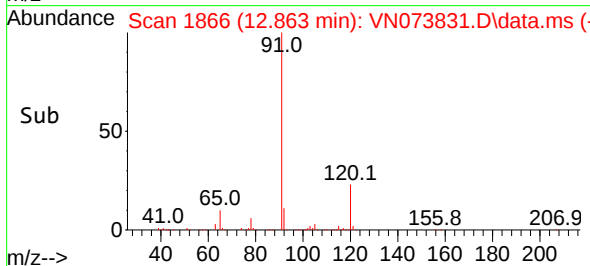
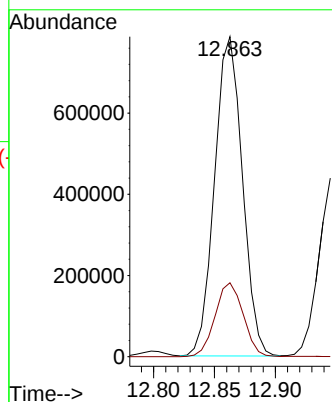
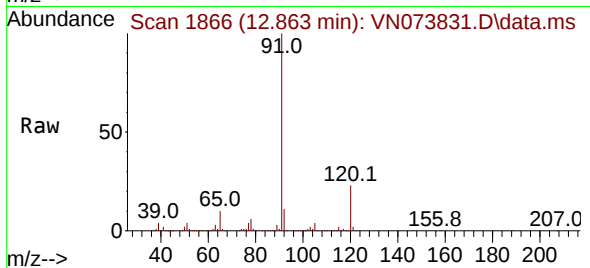
120 23.4 11.9 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#79

2-Chlorotoluene

Concen: 53.572 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. -0.006 min

Lab File: VN073831.D

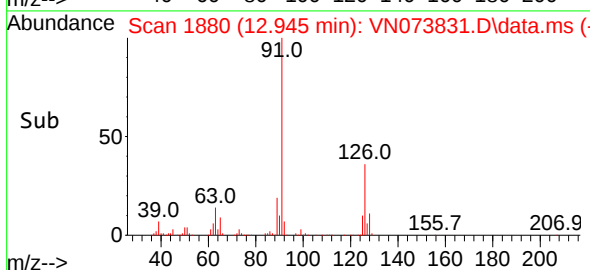
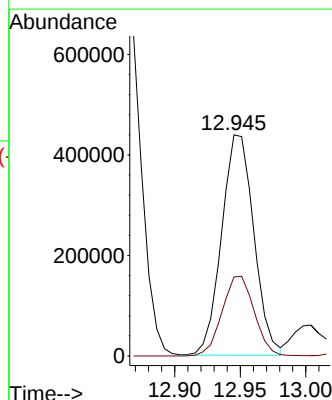
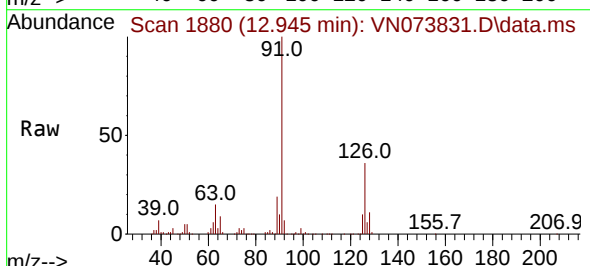
Acq: 11 Aug 2022 17:42

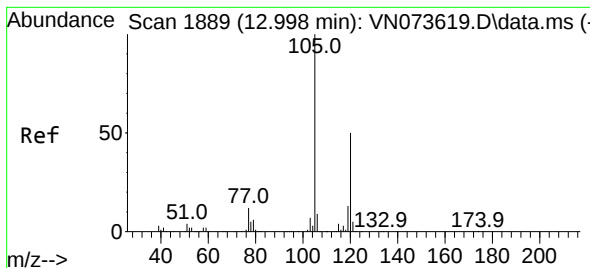
Tgt Ion: 91 Resp: 751110

Ion Ratio Lower Upper

91 100

126 36.1 17.3 51.9





#80

1,3,5-Trimethylbenzene

Concen: 56.674 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073831.D

Acq: 11 Aug 2022 17:42

Instrument :

MSVOA_N

ClientSampleId :

RE133D1-20220809MSD

Tgt Ion:105 Resp: 931138

Ion Ratio Lower Upper

105 100

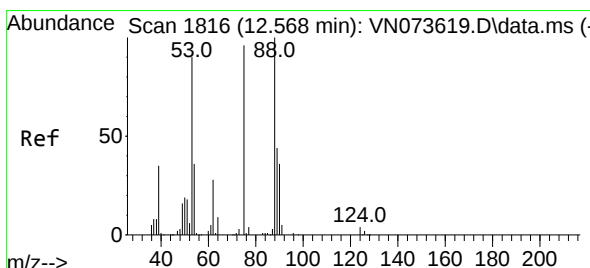
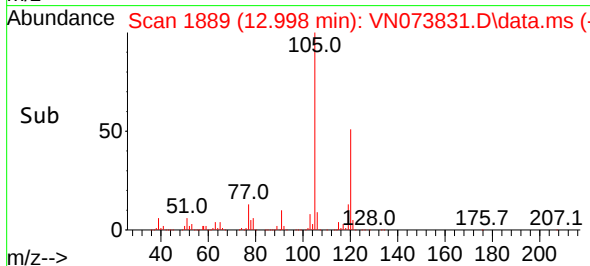
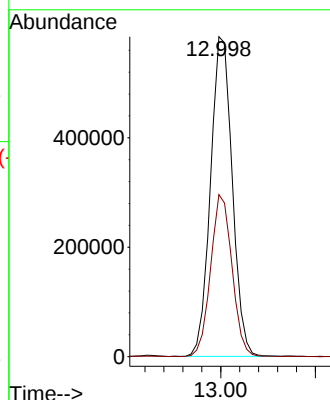
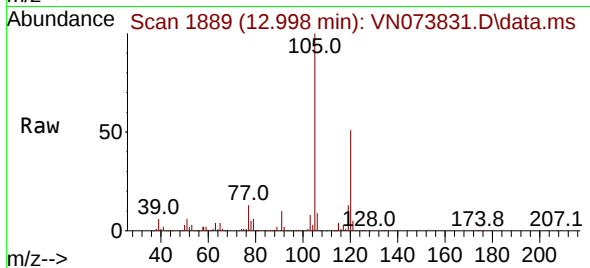
120 49.9 24.9 74.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#81

trans-1,4-Dichloro-2-butene

Concen: 55.049 ug/l

RT: 12.569 min Scan# 1816

Delta R.T. 0.000 min

Lab File: VN073831.D

Acq: 11 Aug 2022 17:42

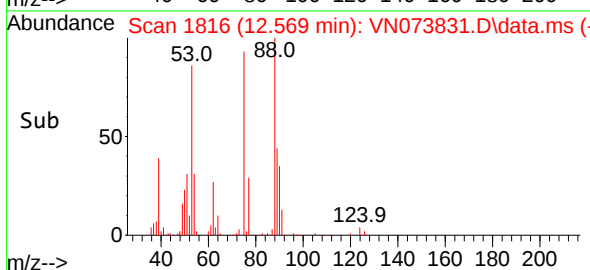
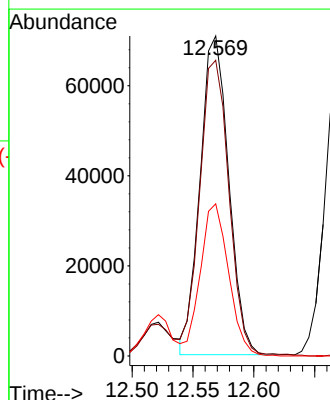
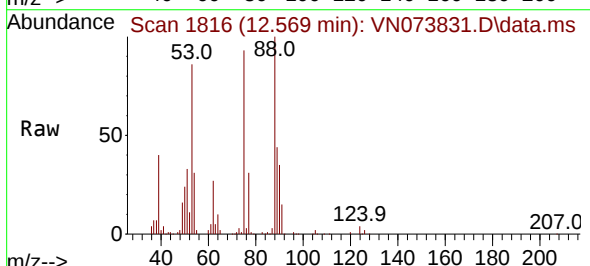
Tgt Ion: 75 Resp: 115853

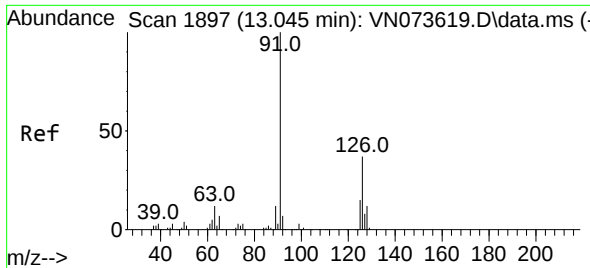
Ion Ratio Lower Upper

75 100

53 95.4 78.0 117.0

89 47.4 37.2 55.8





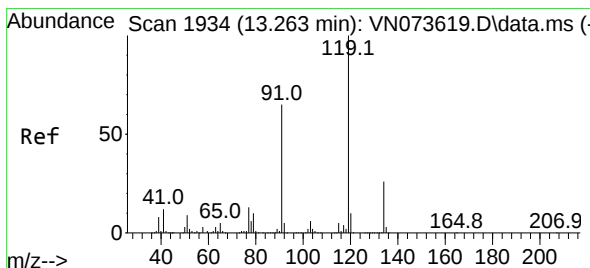
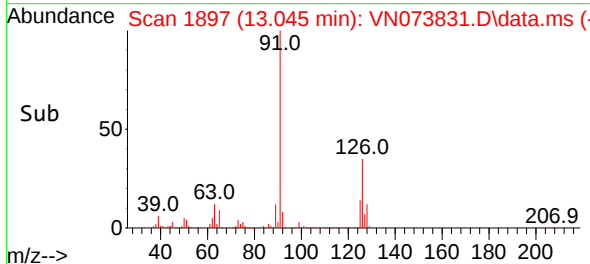
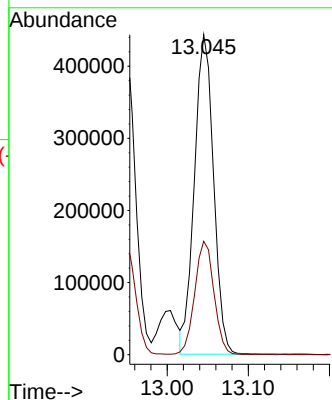
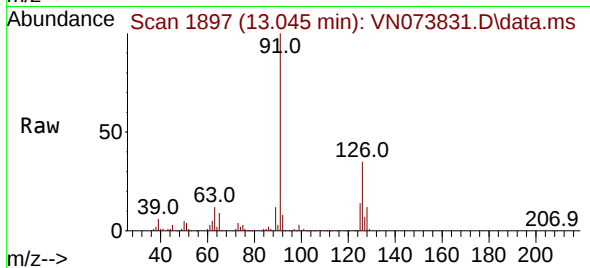
#82
4-Chlorotoluene
Concen: 54.697 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD

Tgt Ion: 91 Resp: 72682
Ion Ratio Lower Upper
91 100
126 35.6 17.2 51.6

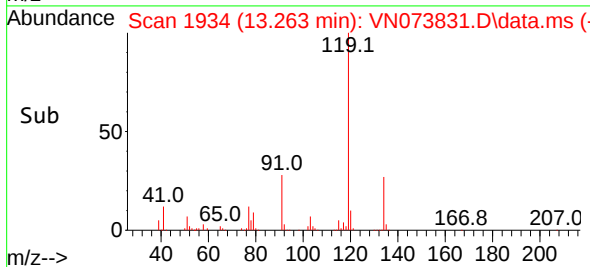
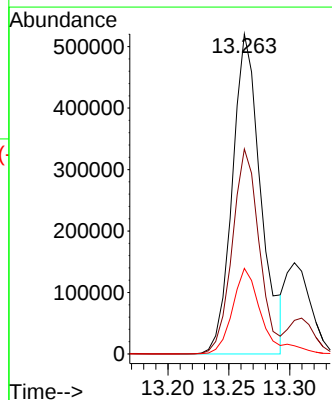
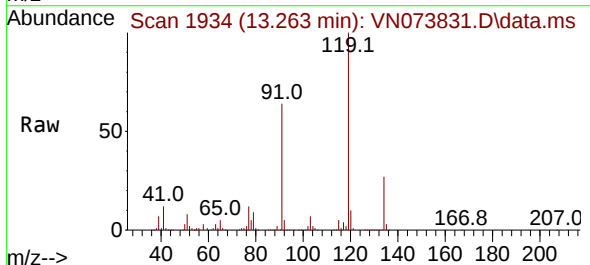
Manual Integrations
APPROVED

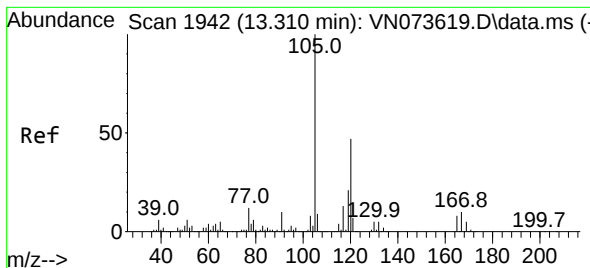
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#83
tert-Butylbenzene
Concen: 58.021 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

Tgt Ion:119 Resp: 844357
Ion Ratio Lower Upper
119 100
91 61.1 31.6 94.8
134 27.6 13.7 41.1





#84

1,2,4-Trimethylbenzene

Concen: 57.776 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.000 min

Lab File: VN073831.D

Acq: 11 Aug 2022 17:42

Instrument :

MSVOA_N

ClientSampleId :

RE133D1-20220809MSD

Tgt Ion:105 Resp: 93338

Ion Ratio Lower Upper

105 100

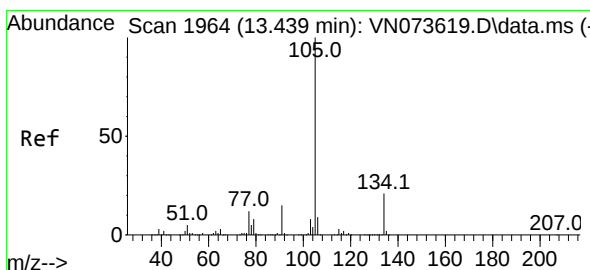
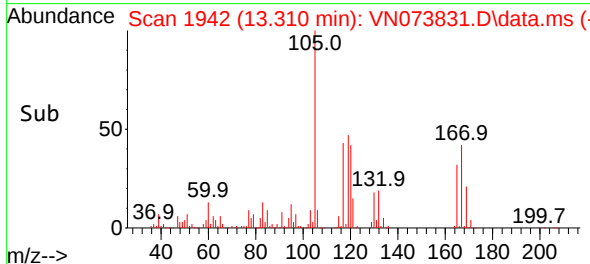
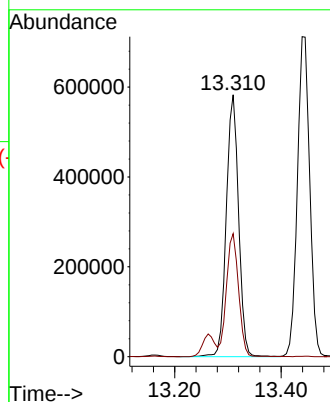
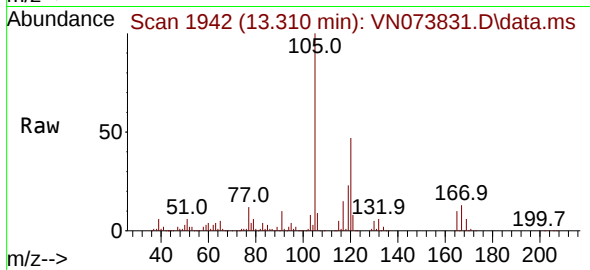
120 46.4 23.3 69.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#85

sec-Butylbenzene

Concen: 57.002 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073831.D

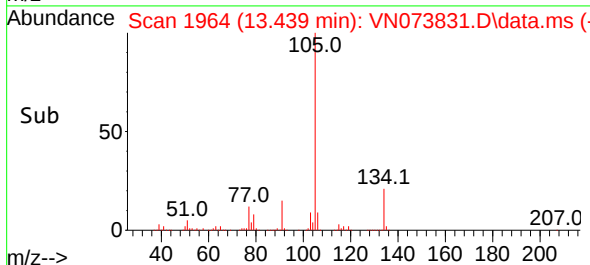
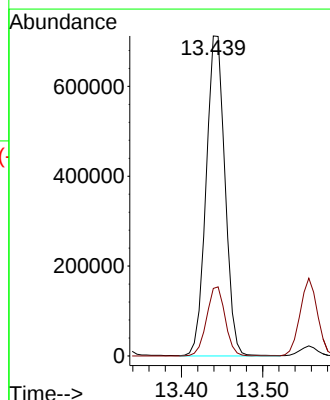
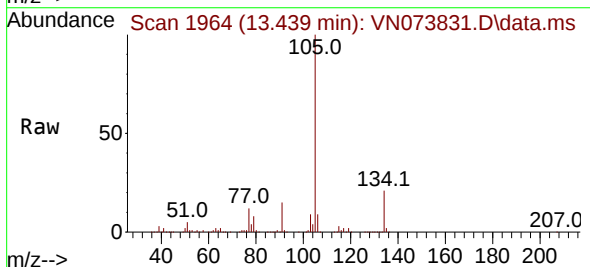
Acq: 11 Aug 2022 17:42

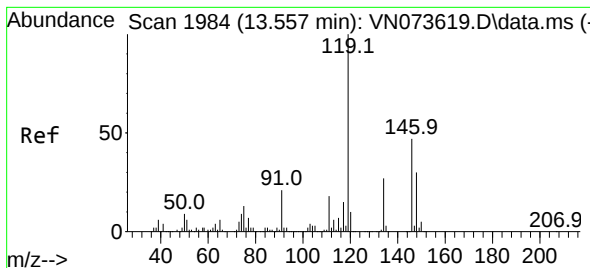
Tgt Ion:105 Resp: 1146503

Ion Ratio Lower Upper

105 100

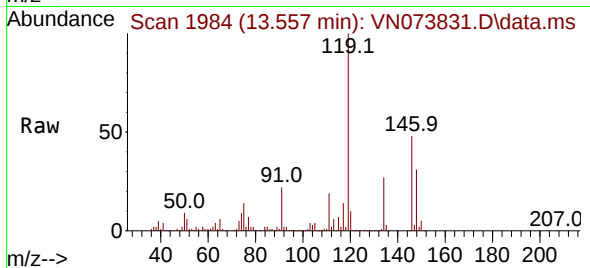
134 21.3 10.4 31.1





#86
p-Isopropyltoluene
Concen: 60.276 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

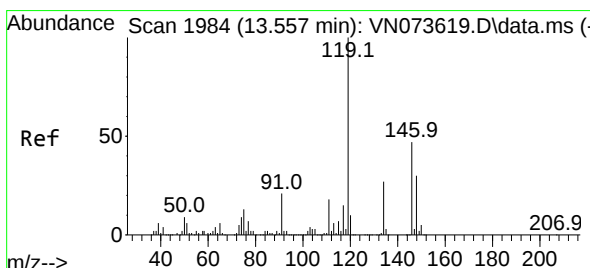
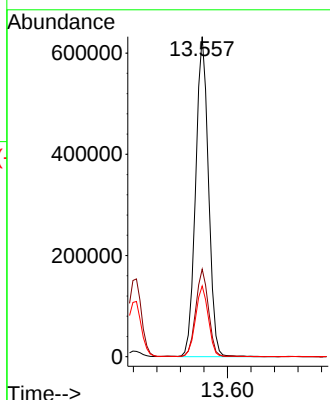
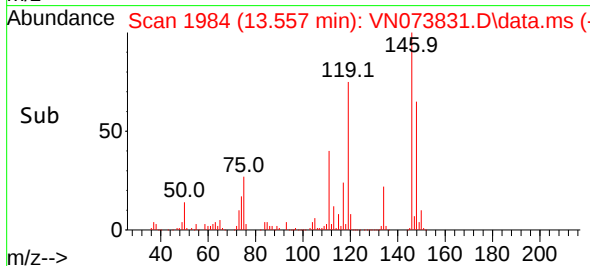
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



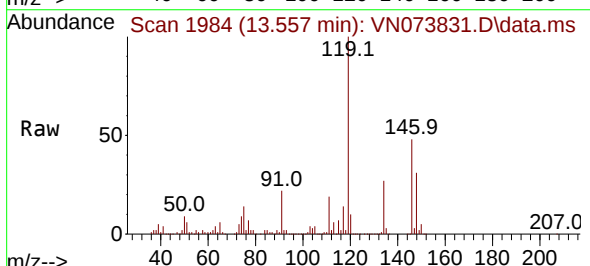
Tgt Ion:119 Resp: 955729
Ion Ratio Lower Upper
119 100
134 27.0 13.3 39.8
91 22.1 11.3 33.9

Manual Integrations
APPROVED

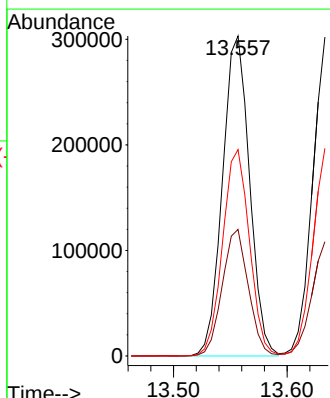
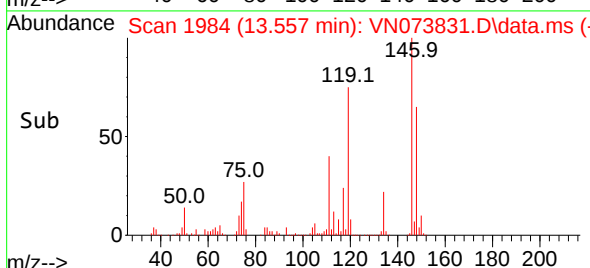
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

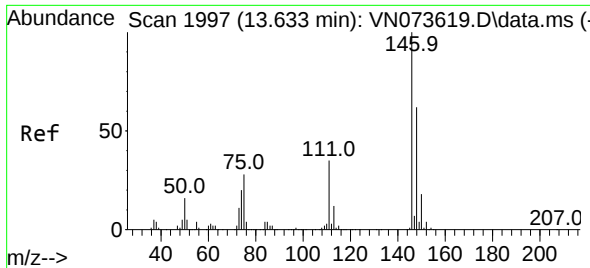


#87
1,3-Dichlorobenzene
Concen: 52.921 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42



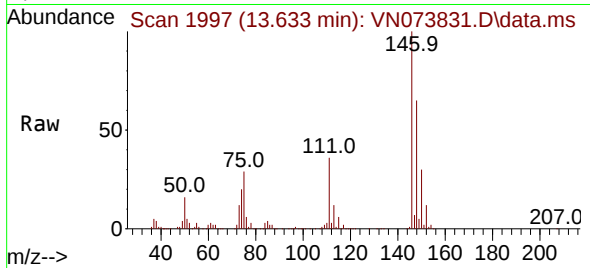
Tgt Ion:146 Resp: 502230
Ion Ratio Lower Upper
146 100
111 38.3 20.0 60.0
148 63.9 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 51.889 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

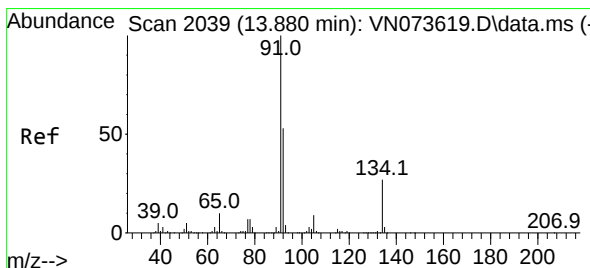
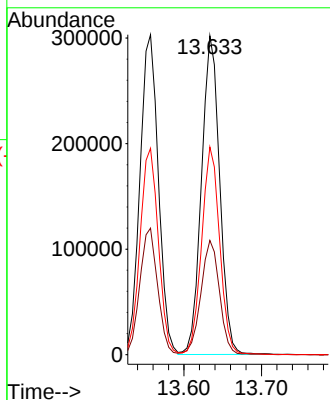
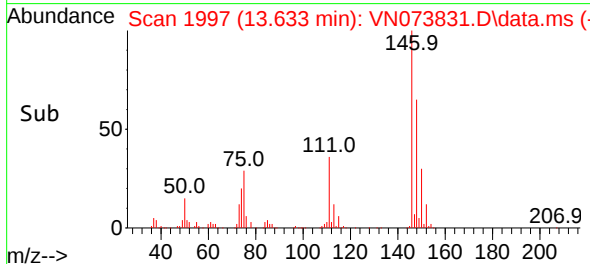
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



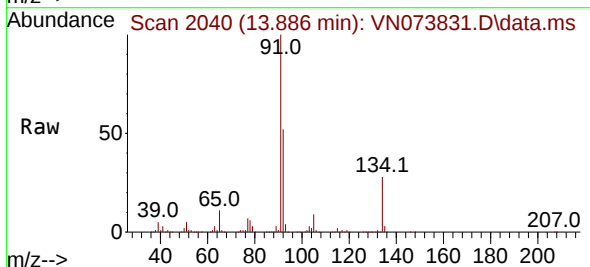
Tgt Ion:146 Resp: 492704
Ion Ratio Lower Upper
146 100
111 36.9 19.1 57.1
148 64.9 31.4 94.3

Manual Integrations
APPROVED

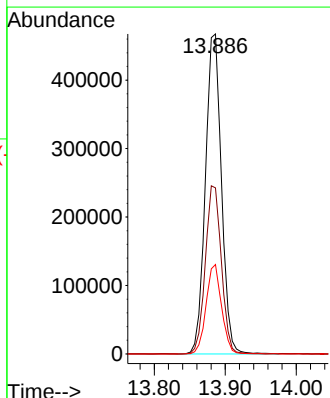
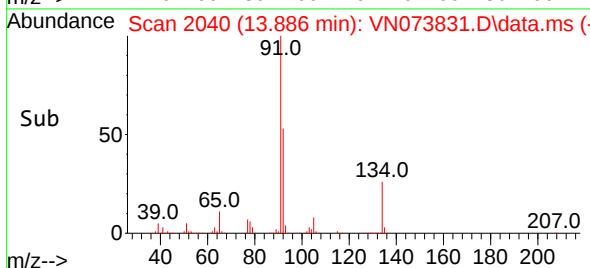
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

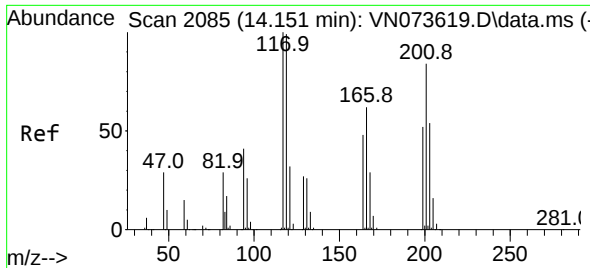


#89
n-Butylbenzene
Concen: 56.990 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.006 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42



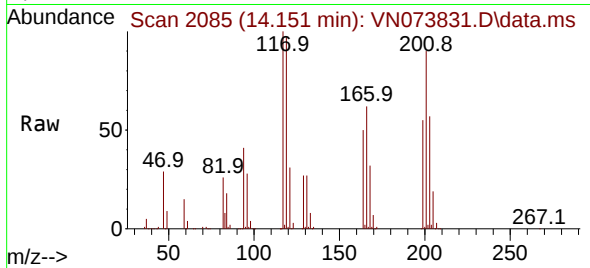
Tgt Ion: 91 Resp: 735245
Ion Ratio Lower Upper
91 100
92 52.7 26.9 80.7
134 27.0 13.6 40.8





#90
Hexachloroethane
Concen: 55.409 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

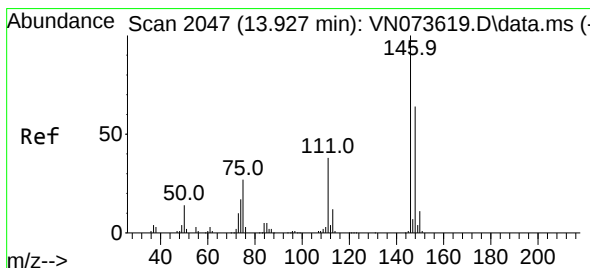
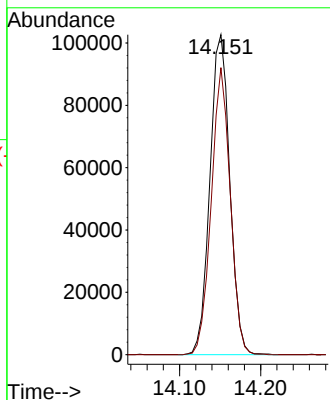
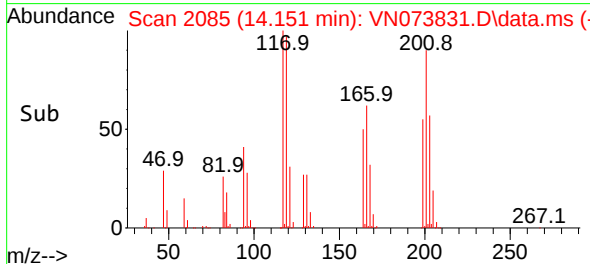
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



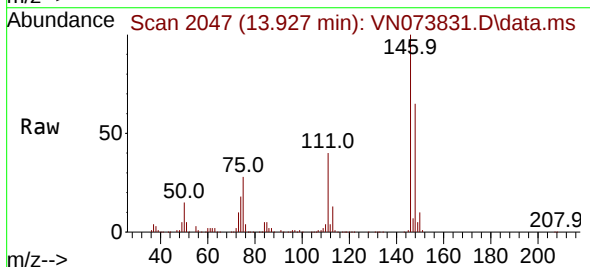
Tgt Ion:117 Resp: 174312
Ion Ratio Lower Upper
117 100
201 85.9 40.6 122.0

Manual Integrations
APPROVED

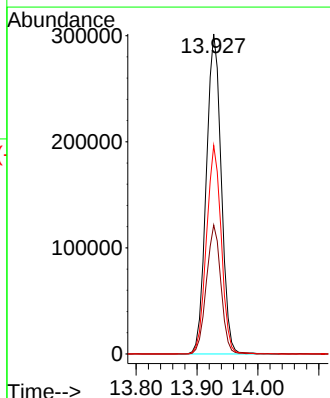
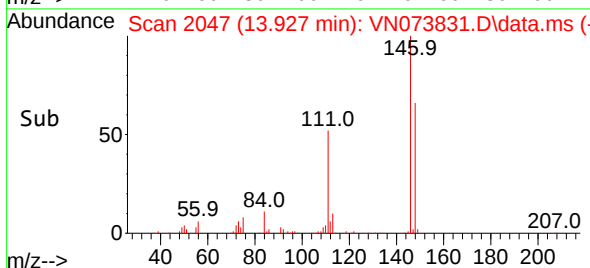
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

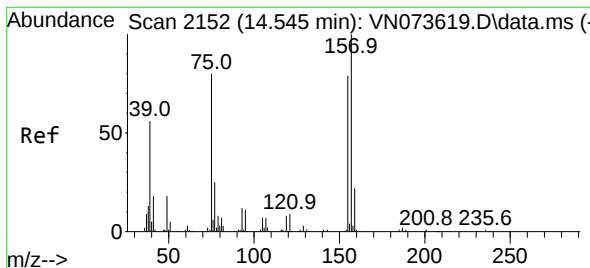


#91
1,2-Dichlorobenzene
Concen: 53.542 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42



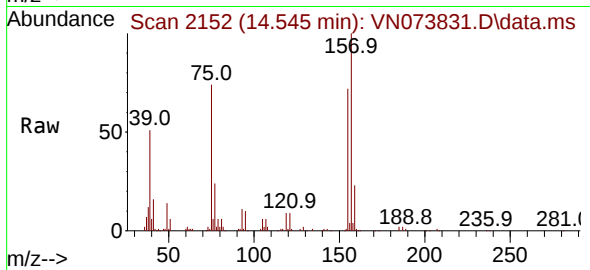
Tgt Ion:146 Resp: 514892
Ion Ratio Lower Upper
146 100
111 39.1 20.9 62.8
148 64.3 32.1 96.3





#92
1,2-Dibromo-3-Chloropropane
Concen: 57.112 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

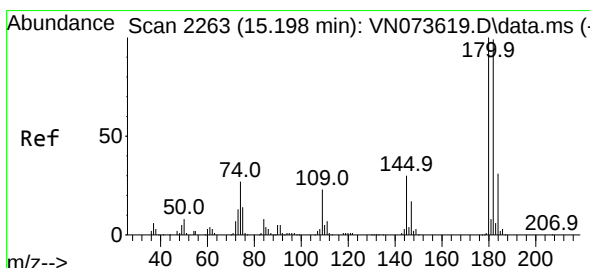
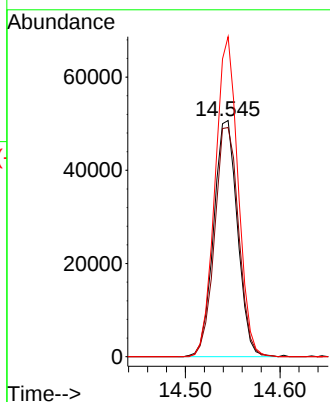
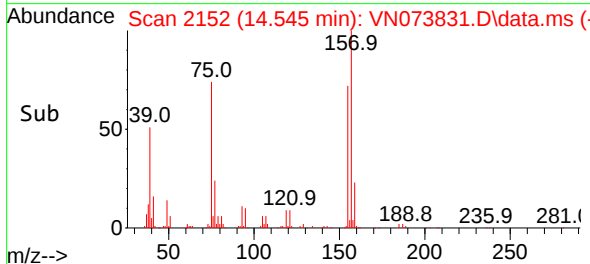
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



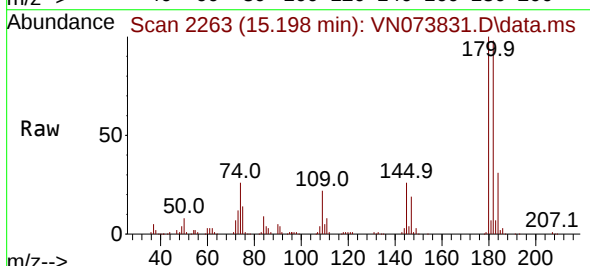
Tgt Ion: 75 Resp: 88404
Ion Ratio Lower Upper
75 100
155 97.9 44.9 134.5
157 130.3 59.0 176.8

Manual Integrations
APPROVED

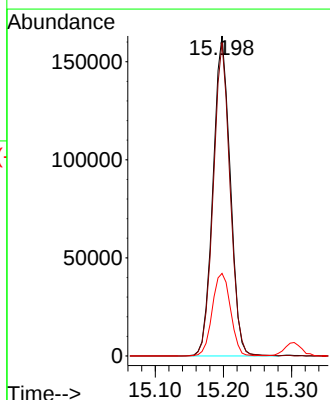
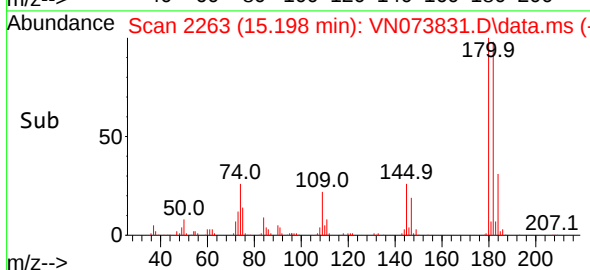
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

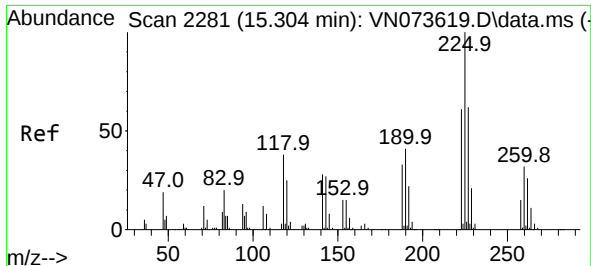


#93
1,2,4-Trichlorobenzene
Concen: 59.982 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42



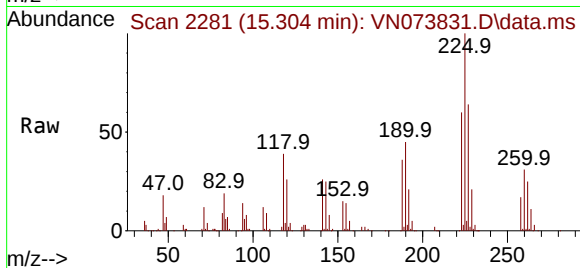
Tgt Ion:180 Resp: 286452
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.5
145 27.4 14.5 43.5





#94
Hexachlorobutadiene
Concen: 55.757 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

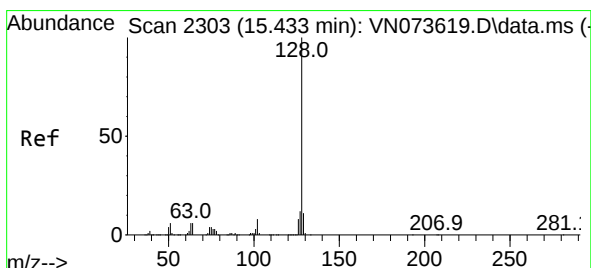
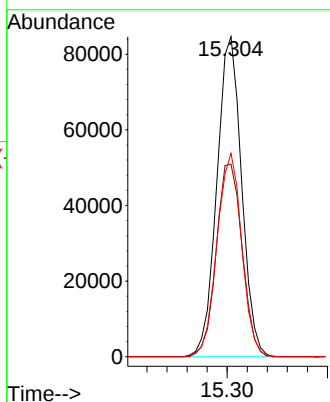
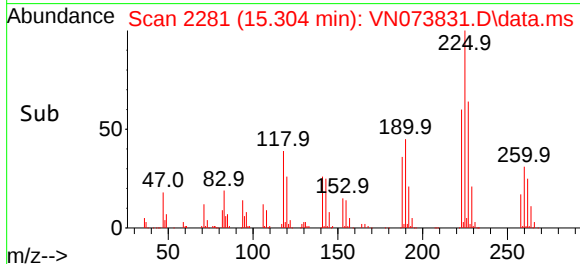
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809MSD



Tgt Ion:225 Resp: 14475
Ion Ratio Lower Upper
225 100
223 63.1 32.4 97.2
227 63.5 31.8 95.4

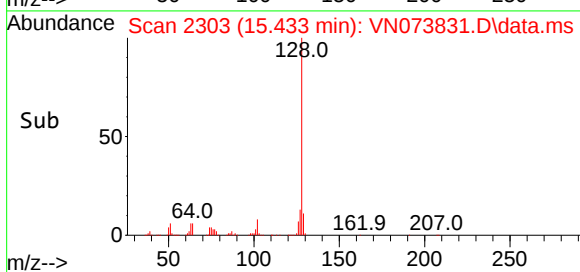
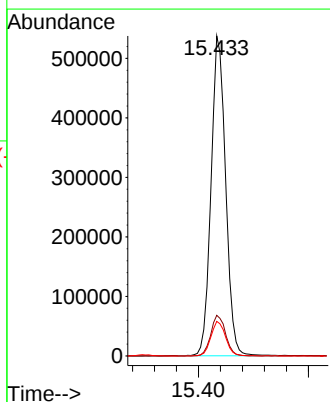
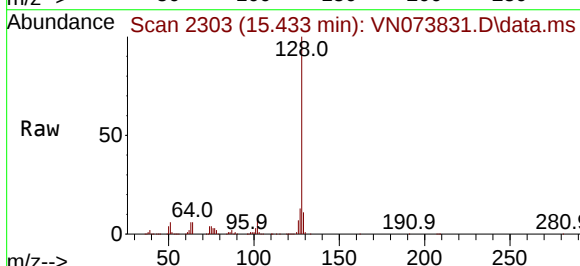
Manual Integrations
APPROVED

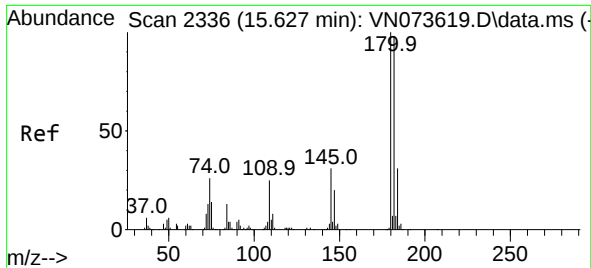
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#95
Naphthalene
Concen: 63.902 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073831.D
Acq: 11 Aug 2022 17:42

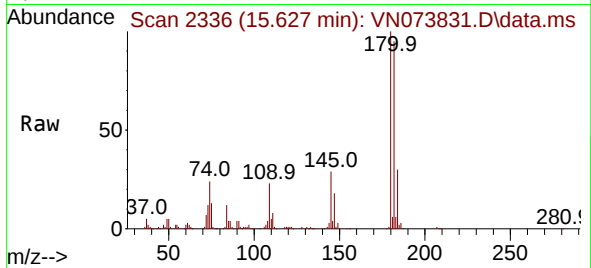
Tgt Ion:128 Resp: 990294
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 60.174 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN073831.D
 Acq: 11 Aug 2022 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 RE133D1-20220809MSD



Tgt Ion:180 Resp: 302449
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.8 143.3
 145 29.7 15.5 46.5

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/12/2022
 Supervised By :Mahesh Dadoda 08/12/2022

