

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073818.D
 Acq On : 11 Aug 2022 12:21
 Operator : JC\MD
 Sample : VN0811WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01

Quant Time: Aug 12 05:59:01 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	355602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	566350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	516373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	248684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	218701	50.467	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.940%			
35) Dibromofluoromethane	7.951	113	187825	52.814	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.620%			
50) Toluene-d8	10.380	98	688505	49.198	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.400%			
62) 4-Bromofluorobenzene	12.668	95	222584	45.565	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	60713	17.603	ug/l	98
3) Chloromethane	2.269	50	78481	17.293	ug/l	99
4) Vinyl Chloride	2.404	62	93382	15.480	ug/l	97
5) Bromomethane	2.799	94	83653	23.911	ug/l	99
6) Chloroethane	2.963	64	70953	18.841	ug/l	97
7) Trichlorofluoromethane	3.316	101	112567	18.107	ug/l	95
8) Diethyl Ether	3.763	74	46420	19.886	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.140	101	69175	20.112	ug/l	98
10) Methyl Iodide	4.345	142	64157	18.348	ug/l	98
11) Tert butyl alcohol	5.287	59	97647	104.480	ug/l	99
12) 1,1-Dichloroethene	4.116	96	61392	18.196	ug/l	96
13) Acrolein	3.981	56	62150	67.076	ug/l	94
14) Allyl chloride	4.757	41	100486	18.629	ug/l	98
15) Acrylonitrile	5.469	53	268985	104.045	ug/l	100
16) Acetone	4.222	43	227735	97.841	ug/l	99
17) Carbon Disulfide	4.451	76	142125	15.887	ug/l	99
18) Methyl Acetate	4.769	43	137785	23.794	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	246072	21.349	ug/l	100
20) Methylene Chloride	5.010	84	85031	21.318	ug/l	98
21) trans-1,2-Dichloroethene	5.516	96	68754	18.825	ug/l	95
22) Diisopropyl ether	6.410	45	235668	20.251	ug/l #	95
23) Vinyl Acetate	6.351	43	995402	102.021	ug/l	98
24) 1,1-Dichloroethane	6.304	63	136709	19.095	ug/l	99
25) 2-Butanone	7.257	43	367414	101.644	ug/l	100
26) 2,2-Dichloropropane	7.245	77	107423	19.502	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	88947	19.767	ug/l	96
28) Bromochloromethane	7.581	49	58882	19.588	ug/l	100
29) Tetrahydrofuran	7.610	42	236026	103.275	ug/l	99
30) Chloroform	7.745	83	150500	20.176	ug/l	99
31) Cyclohexane	8.022	56	111780	17.325	ug/l	94
32) 1,1,1-Trichloroethane	7.939	97	123406	19.925	ug/l	99
36) 1,1-Dichloropropene	8.151	75	98199	19.374	ug/l	98
37) Ethyl Acetate	7.339	43	140246	21.010	ug/l	97
38) Carbon Tetrachloride	8.133	117	104326	20.266	ug/l	94
39) Methylcyclohexane	9.392	83	113482	18.736	ug/l	99
40) Benzene	8.392	78	326131	19.814	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	65731	21.761	ug/l	96
42) 1,2-Dichloroethane	8.463	62	115759	20.868	ug/l	99
43) Isopropyl Acetate	8.492	43	191122	21.198	ug/l	99
44) Trichloroethene	9.151	130	83509	20.007	ug/l	98
45) 1,2-Dichloropropane	9.422	63	85760	20.846	ug/l	98
46) Dibromomethane	9.516	93	59600	20.873	ug/l	97
47) Bromodichloromethane	9.698	83	116772	21.308	ug/l	99
48) Methyl methacrylate	9.498	41	84553	21.424	ug/l	91
49) 1,4-Dioxane	9.504	88	47727	429.010	ug/l	95
51) 4-Methyl-2-Pentanone	10.269	43	708240	109.521	ug/l	100
52) Toluene	10.445	92	204189	20.310	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	116116	21.448	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	130317	21.360	ug/l	100
55) 1,1,2-Trichloroethane	10.839	97	92310	22.019	ug/l	94
56) Ethyl methacrylate	10.704	69	130680	22.616	ug/l	98
57) 1,3-Dichloropropane	10.986	76	149010	20.949	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	264183	92.906	ug/l	98
59) 2-Hexanone	11.027	43	541378	110.498	ug/l	100
60) Dibromochloromethane	11.180	129	94567	22.674	ug/l	99
61) 1,2-Dibromoethane	11.286	107	94390	21.861	ug/l	98
64) Tetrachloroethene	10.916	164	79037	19.260	ug/l	97
65) Chlorobenzene	11.710	112	223087	20.340	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	86170	21.904	ug/l	99
67) Ethyl Benzene	11.786	91	374922	20.262	ug/l	98
68) m/p-Xylenes	11.892	106	295477	41.868	ug/l	99
69) o-Xylene	12.221	106	147390	21.422	ug/l	98
70) Styrene	12.233	104	242379	22.006	ug/l	98
71) Bromoform	12.398	173	73654	22.682	ug/l #	97
73) Isopropylbenzene	12.521	105	373681	20.527	ug/l	100
74) N-amyl acetate	12.327	43	146099	21.241	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	145715	20.743	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	104024m	20.962	ug/l	
77) Bromobenzene	12.798	156	97425	20.551	ug/l	98
78) n-propylbenzene	12.857	91	413266	20.176	ug/l	99
79) 2-Chlorotoluene	12.945	91	259659	20.311	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	314609	21.000	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	39073	20.362	ug/l	99
82) 4-Chlorotoluene	13.045	91	246060	20.308	ug/l	98
83) tert-Butylbenzene	13.263	119	269220	20.289	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	316675	21.497	ug/l	97
85) sec-Butylbenzene	13.439	105	366949	20.008	ug/l	99
86) p-Isopropyltoluene	13.557	119	305430	21.126	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	173159	20.011	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	174281	20.129	ug/l	98
89) n-Butylbenzene	13.880	91	231490	19.678	ug/l	98
90) Hexachloroethane	14.151	117	57957	20.205	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	180947	20.635	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	30863	21.867	ug/l	93
93) 1,2,4-Trichlorobenzene	15.198	180	93747	21.529	ug/l	97
94) Hexachlorobutadiene	15.298	225	49574	20.941	ug/l	99
95) Naphthalene	15.433	128	310797	21.994	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	101105	22.061	ug/l	98

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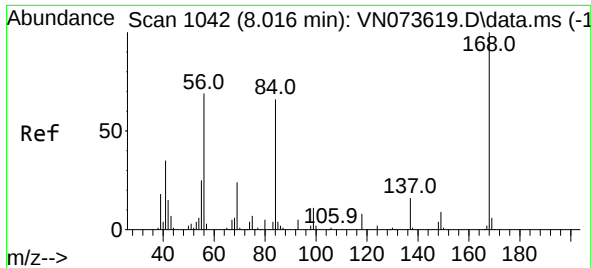
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/12/2022

Quant Time: Aug 12 05:59:01 2022
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Quant Title : SW846 8260
QLast Update : Wed Aug 10 05:09:32 2022
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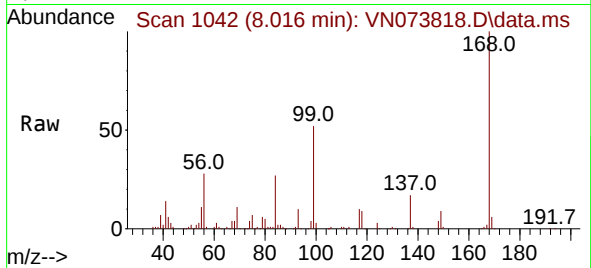
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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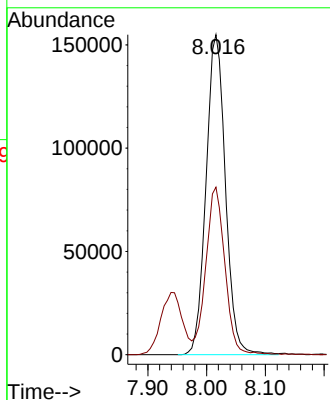
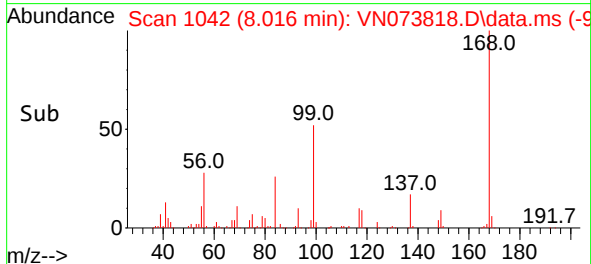
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion:168 Resp: 355602
Ion Ratio Lower Upper
168 100
99 52.1 42.3 63.5

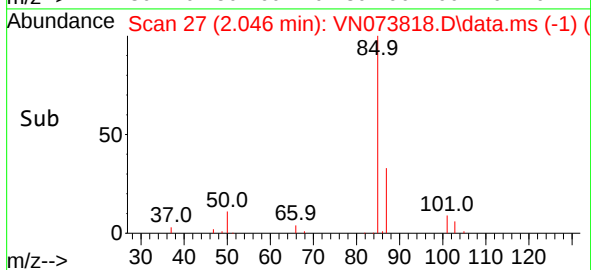
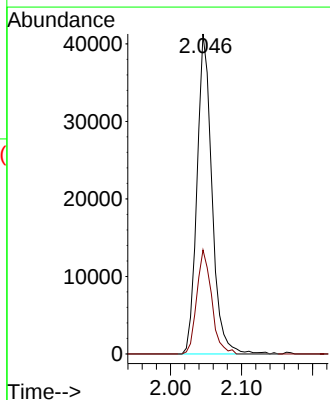
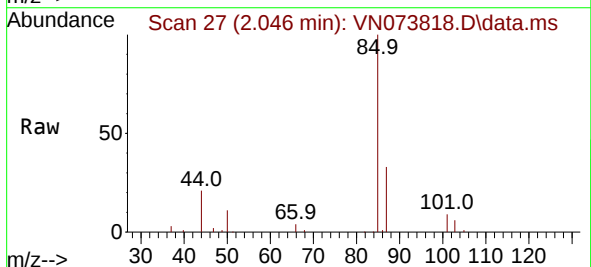
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#2
Dichlorodifluoromethane
Concen: 17.603 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

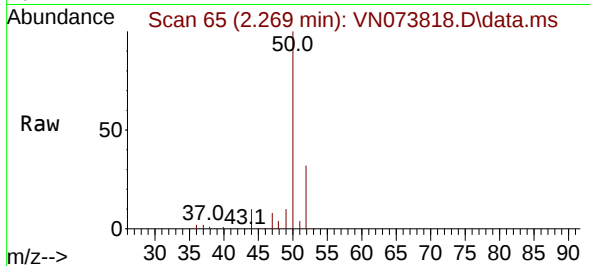
Tgt Ion: 85 Resp: 60713
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.1





#3
Chloromethane
Concen: 17.293 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

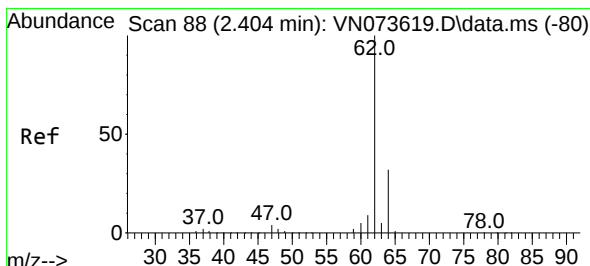
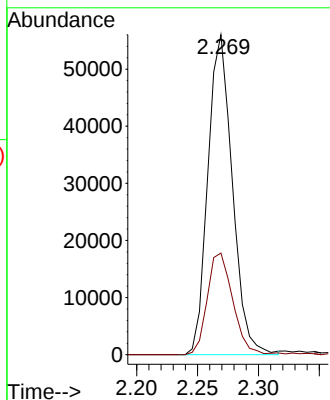
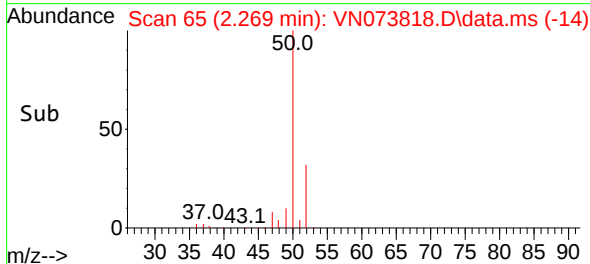
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 50 Resp: 7848
Ion Ratio Lower Upper
50 100
52 31.7 25.7 38.5

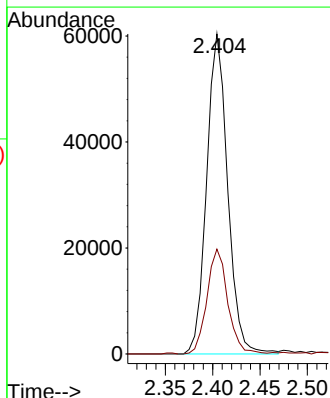
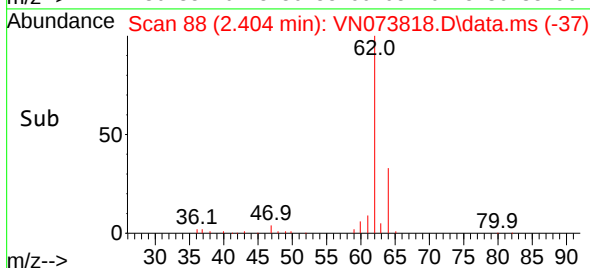
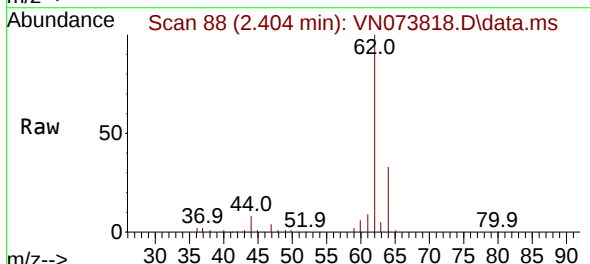
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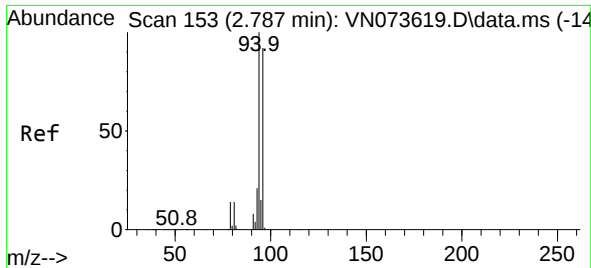
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#4
Vinyl Chloride
Concen: 15.480 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

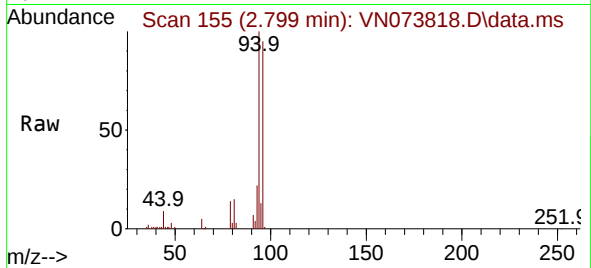
Tgt Ion: 62 Resp: 93382
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.4





#5
Bromomethane
Concen: 23.911 ug/l
RT: 2.799 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

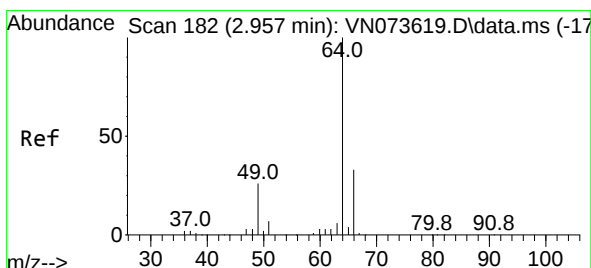
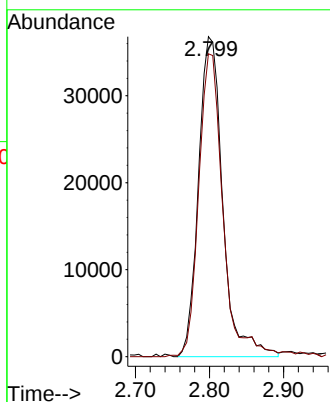
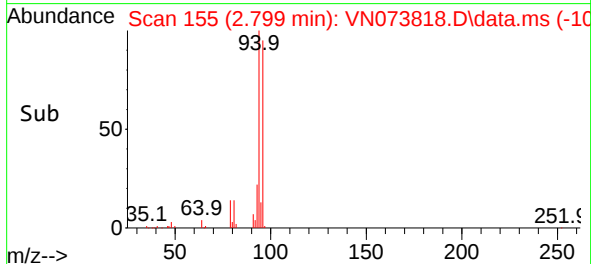
Instrument :
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Tgt Ion: 94 Resp: 8365
Ion Ratio Lower Upper
94 100
96 94.3 76.0 114.0

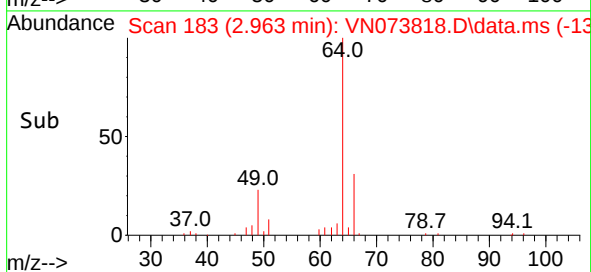
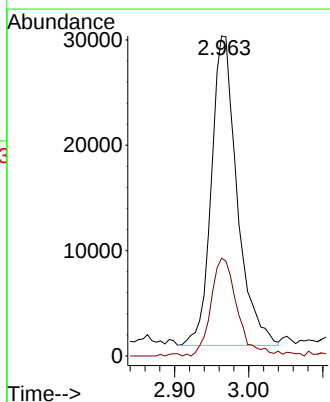
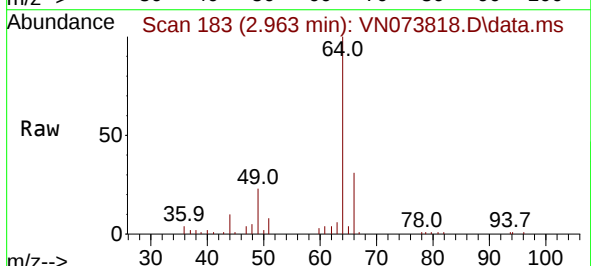
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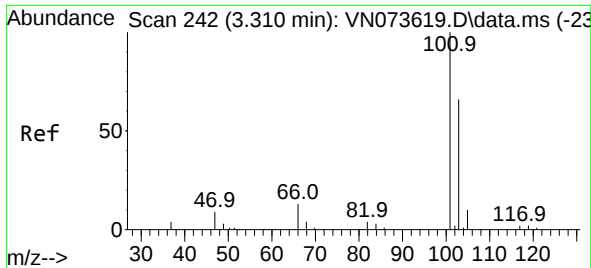
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#6
Chloroethane
Concen: 18.841 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

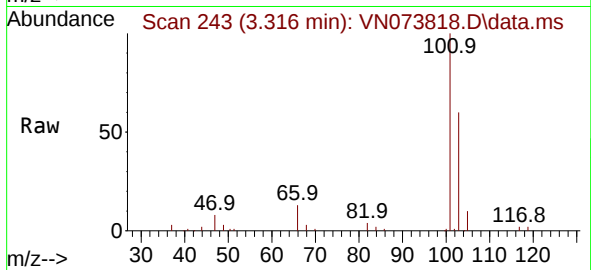
Tgt Ion: 64 Resp: 70953
Ion Ratio Lower Upper
64 100
66 30.9 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 18.107 ug/l
 RT: 3.316 min Scan# 242
 Delta R.T. 0.006 min
 Lab File: VN073818.D
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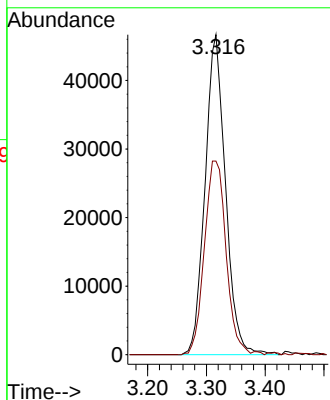
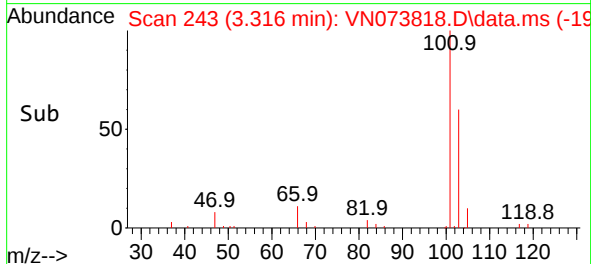
Instrument :
 MSVOA_N
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Tgt Ion:101 Resp: 11256
 Ion Ratio Lower Upper
 101 100
 103 60.5 51.5 77.3

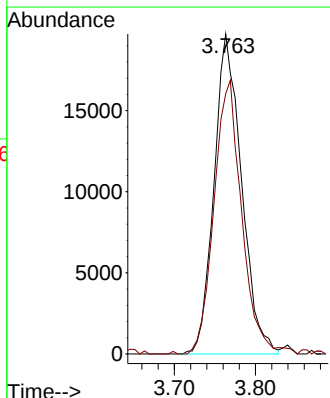
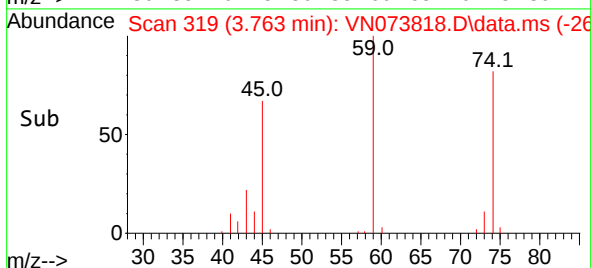
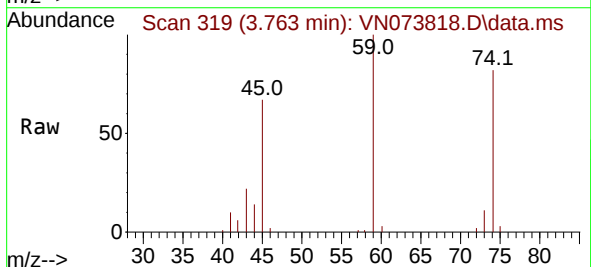
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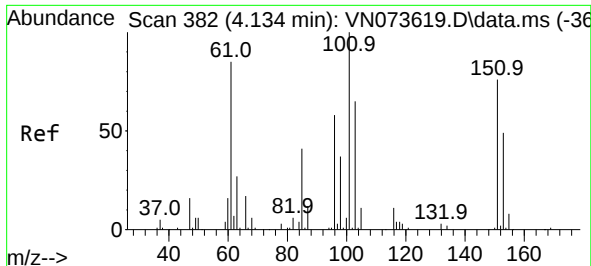
Reviewed By :John Carlone 08/12/2022
 Supervised By :Mahesh Dadoda 08/12/2022



#8
 Diethyl Ether
 Concen: 19.886 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN073818.D
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Tgt Ion: 74 Resp: 46420
 Ion Ratio Lower Upper
 74 100
 45 86.3 42.9 128.5





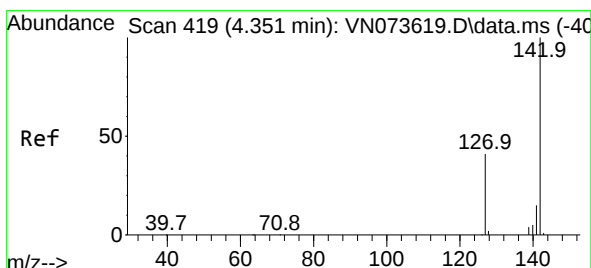
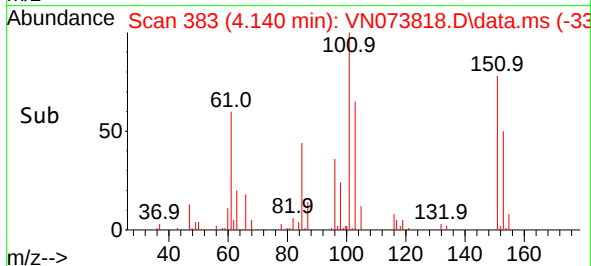
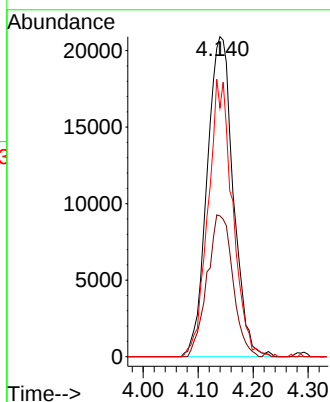
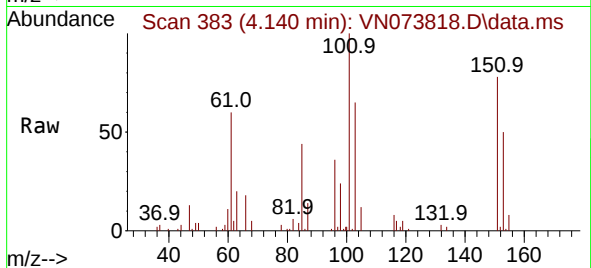
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.112 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN073818.D
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Tgt Ion:101 Resp: 6917
Ion Ratio Lower Upper
101 100
85 43.5 34.7 52.1
151 81.2 63.0 94.4

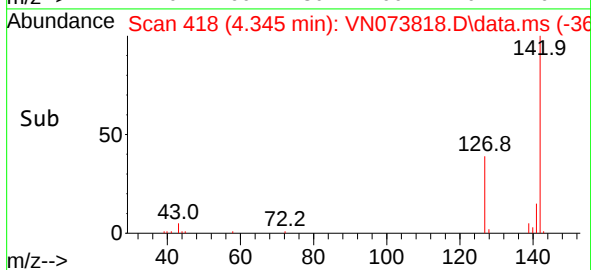
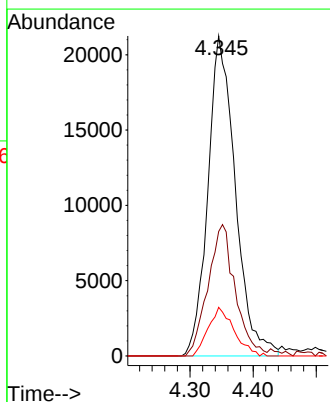
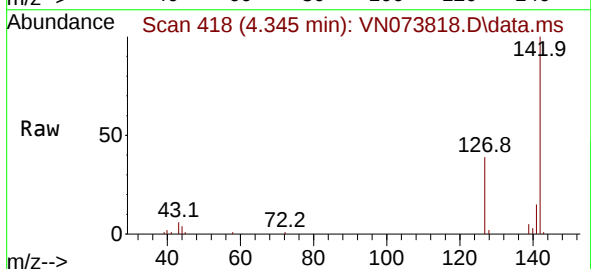
Manual Integrations
APPROVED

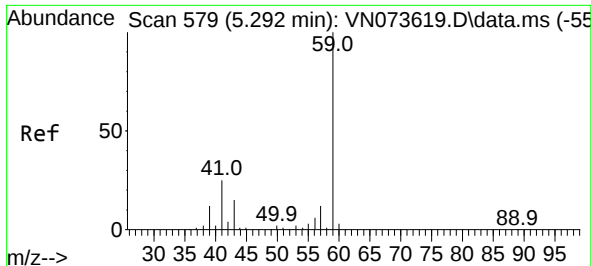
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#10
Methyl Iodide
Concen: 18.348 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

Tgt Ion:142 Resp: 64157
Ion Ratio Lower Upper
142 100
127 40.7 31.3 46.9
141 14.3 11.2 16.8





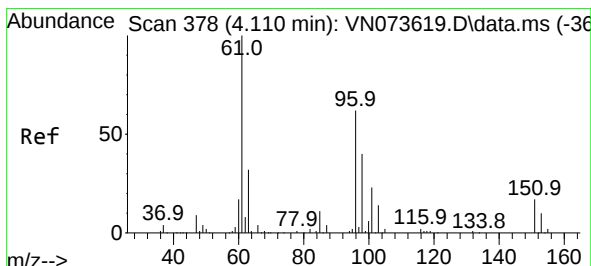
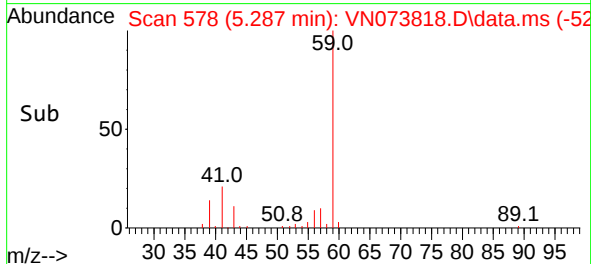
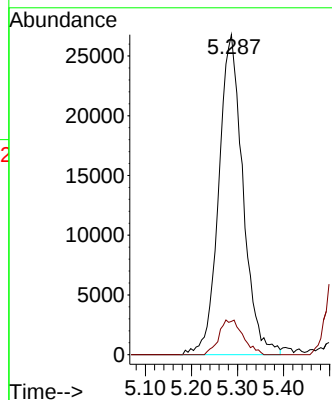
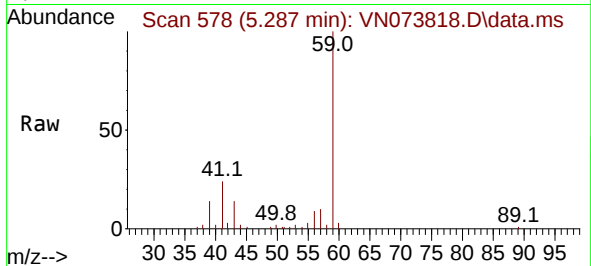
#11
Tert butyl alcohol
Concen: 104.480 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.005 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

Tgt Ion: 59 Resp: 9764
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

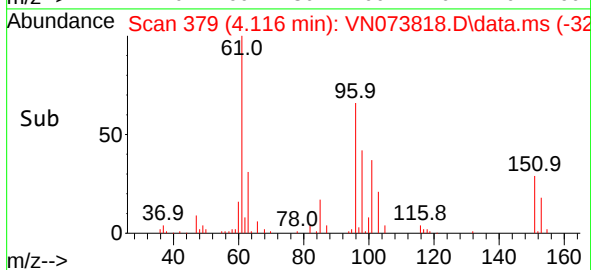
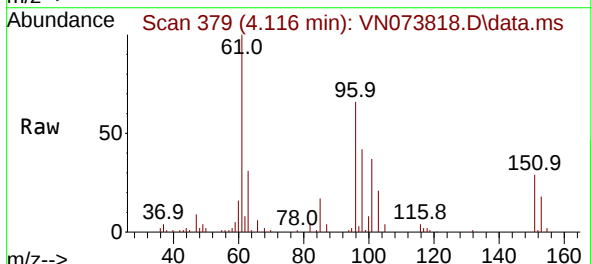
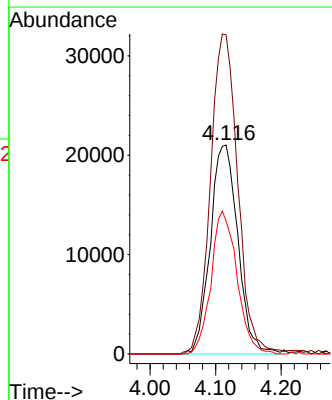
Manual Integrations
APPROVED

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



#12
1,1-Dichloroethene
Concen: 18.196 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

Tgt Ion: 96 Resp: 61392
Ion Ratio Lower Upper
96 100
61 152.6 127.6 191.4
98 63.5 51.2 76.8





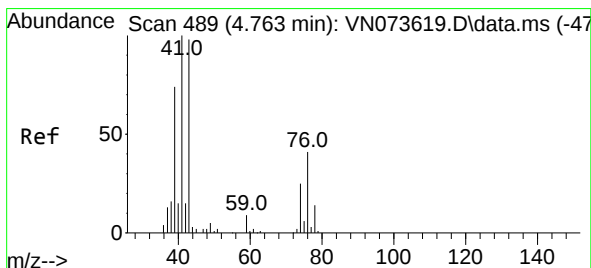
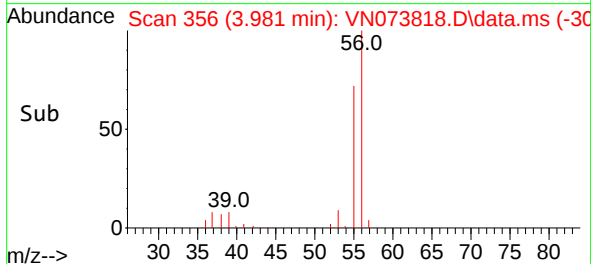
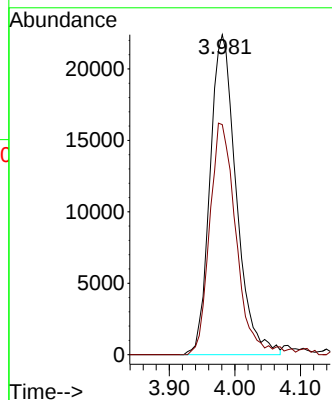
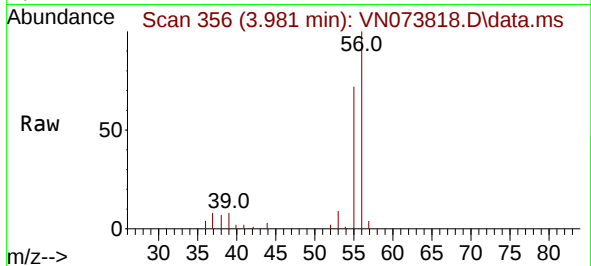
#13
Acrolein
Concen: 67.076 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

Tgt Ion: 56 Resp: 62150
Ion Ratio Lower Upper
56 100
55 73.0 54.8 82.2

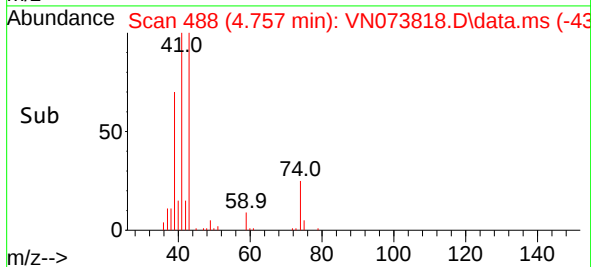
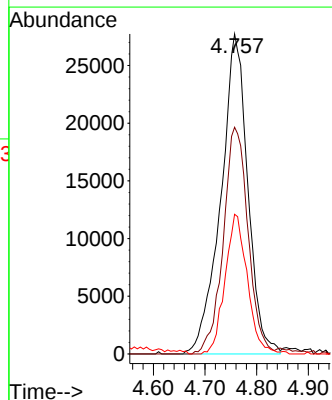
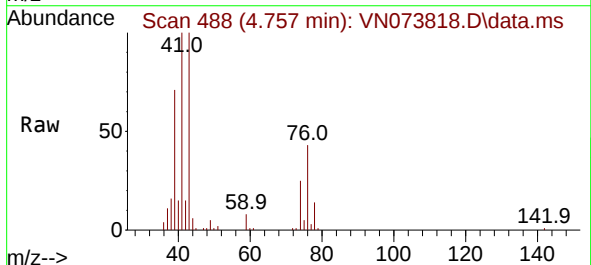
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 18.629 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

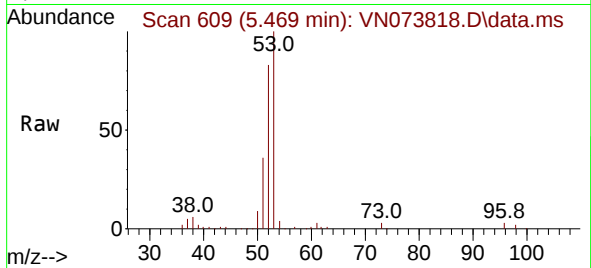
Tgt Ion: 41 Resp: 100486
Ion Ratio Lower Upper
41 100
39 65.1 53.2 79.8
76 36.2 29.9 44.9





#15
Acrylonitrile
Concen: 104.045 ug/l
RT: 5.469 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

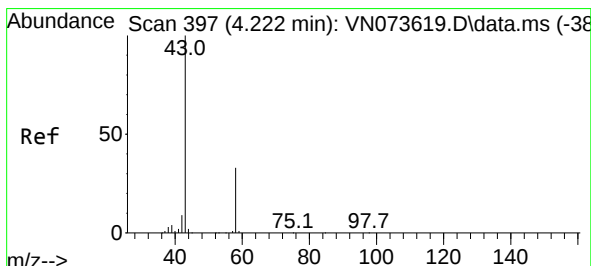
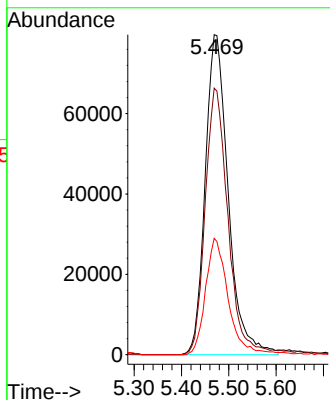
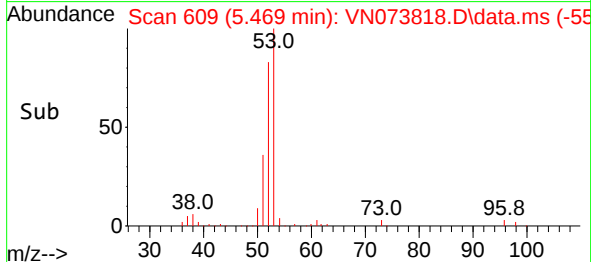
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 53 Resp: 268985
Ion Ratio Lower Upper
53 100
52 83.1 66.4 99.6
51 35.7 28.5 42.7

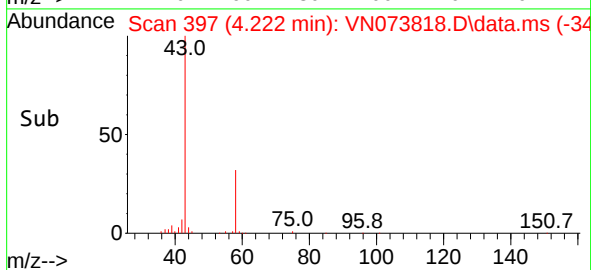
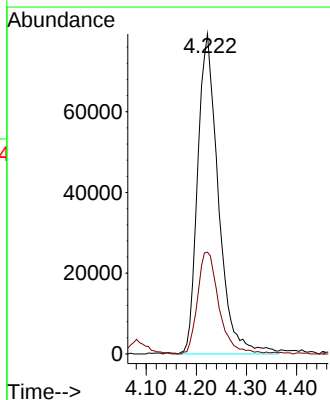
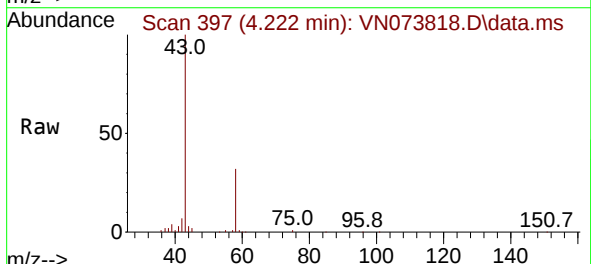
Manual Integrations
APPROVED

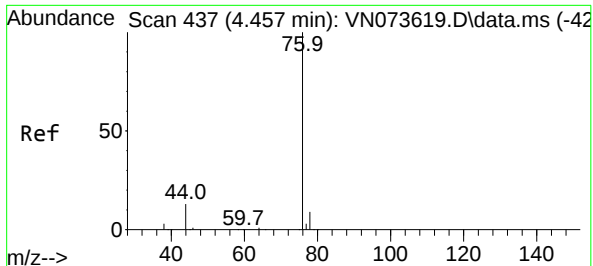
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#16
Acetone
Concen: 97.841 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

Tgt Ion: 43 Resp: 227735
Ion Ratio Lower Upper
43 100
58 31.8 26.0 39.0





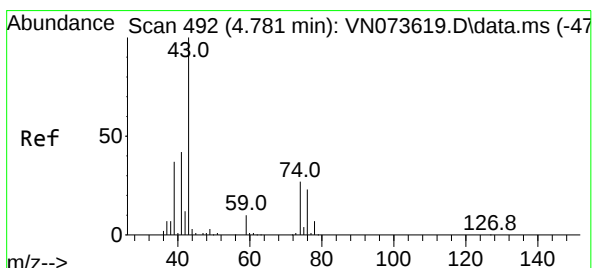
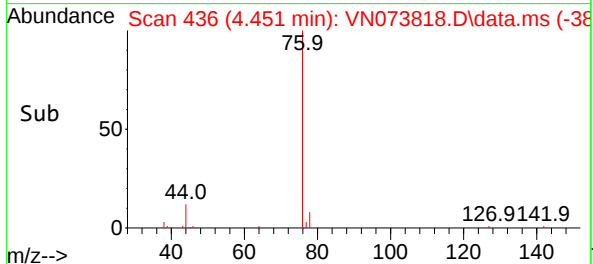
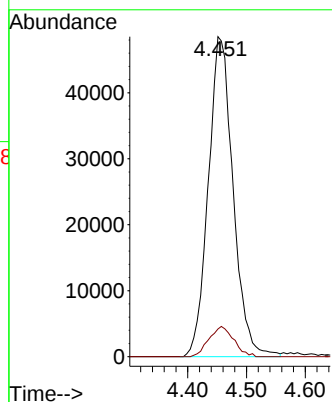
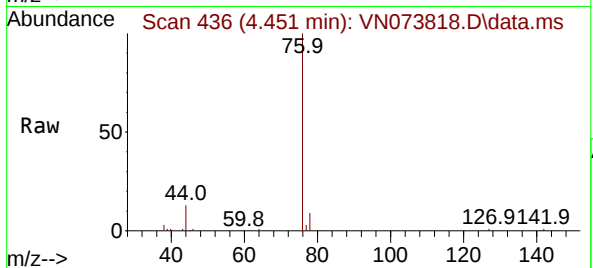
#17
Carbon Disulfide
Concen: 15.887 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

Tgt Ion: 76 Resp: 142125
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

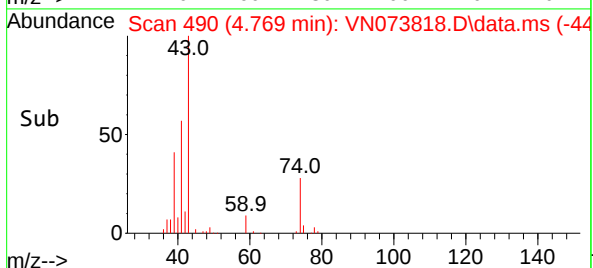
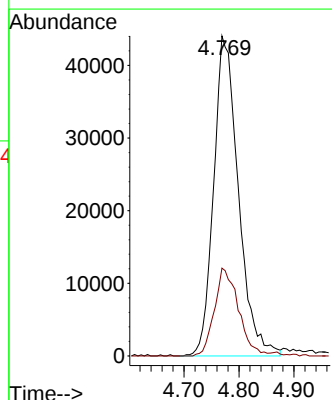
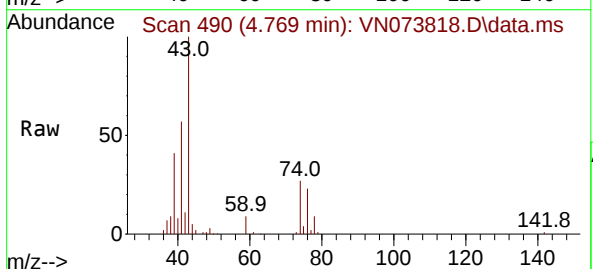
Manual Integrations
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Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#18
Methyl Acetate
Concen: 23.794 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.012 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

Tgt Ion: 43 Resp: 137785
Ion Ratio Lower Upper
43 100
74 26.6 21.6 32.4





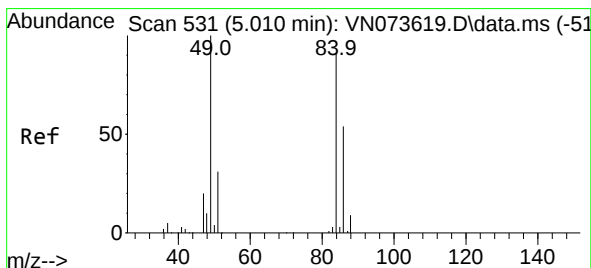
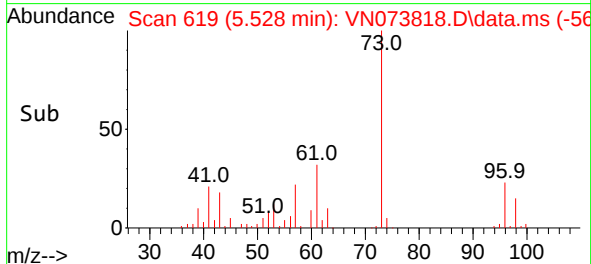
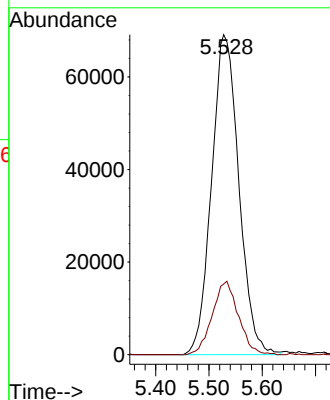
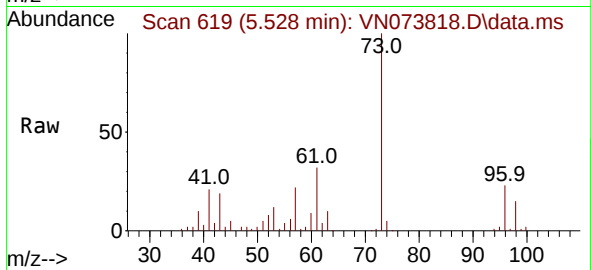
#19
Methyl tert-butyl Ether
Concen: 21.349 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

Instrument :
MSVOA_N
Client Sample Id :
VN0811WBSD01

Tgt Ion: 73 Resp: 246072
Ion Ratio Lower Upper
73 100
57 22.1 17.6 26.4

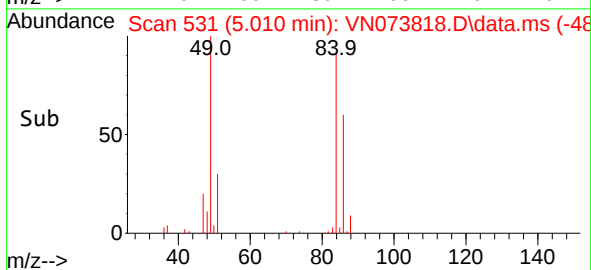
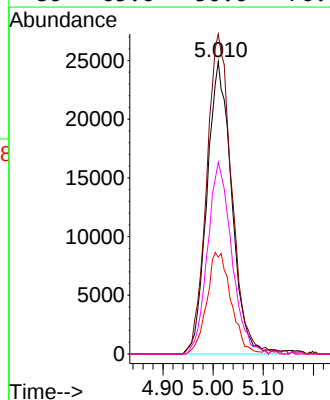
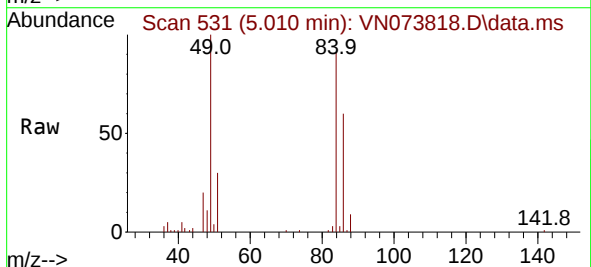
Manual Integrations
APPROVED

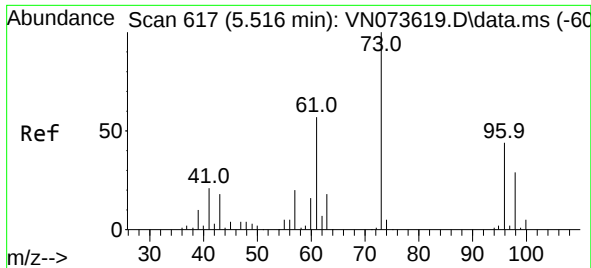
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#20
Methylene Chloride
Concen: 21.318 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

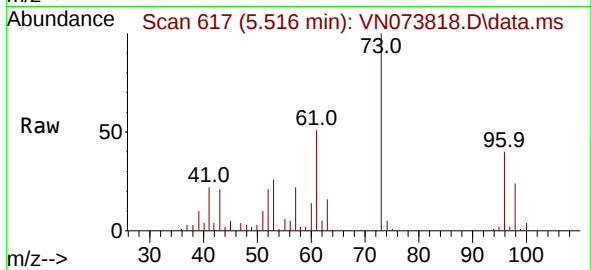
Tgt Ion: 84 Resp: 85031
Ion Ratio Lower Upper
84 100
49 109.4 88.3 132.5
51 33.2 28.2 42.2
86 65.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 18.825 ug/l
RT: 5.516 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

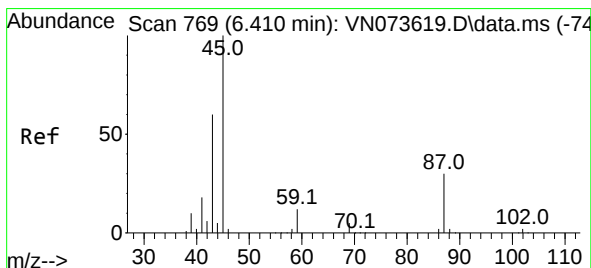
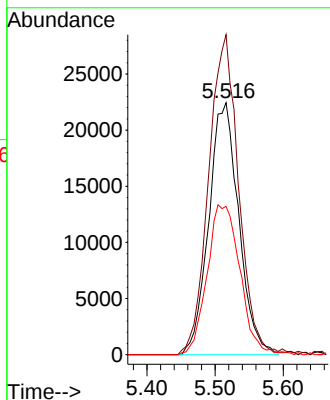
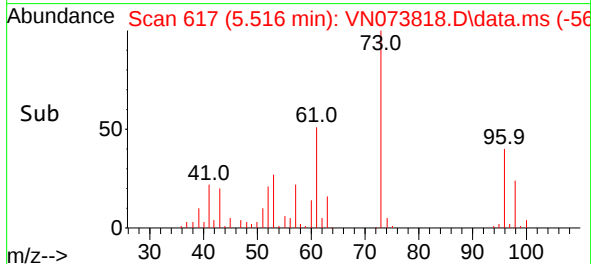
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 96 Resp: 68754
Ion Ratio Lower Upper
96 100
61 127.0 105.8 158.8
98 58.9 50.3 75.5

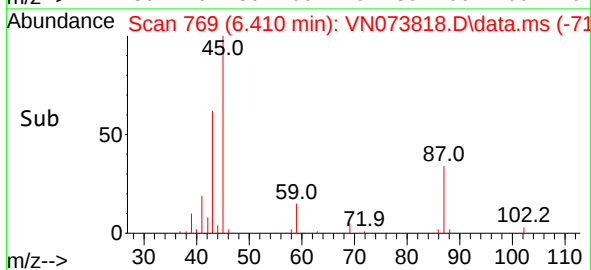
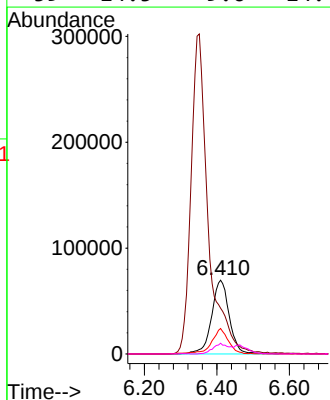
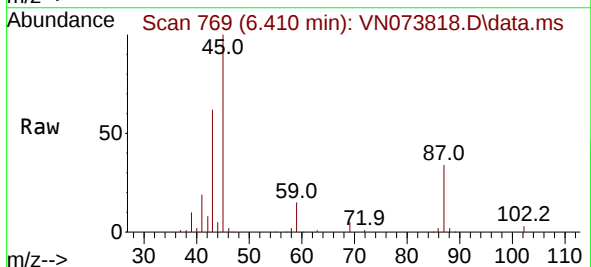
Manual Integrations
APPROVED

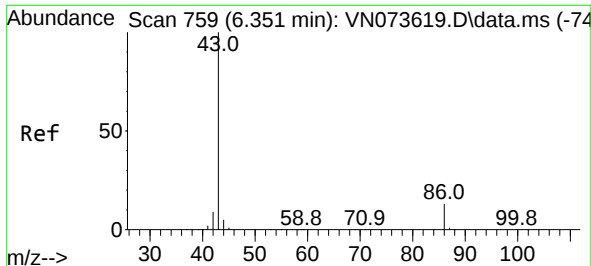
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#22
Diisopropyl ether
Concen: 20.251 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

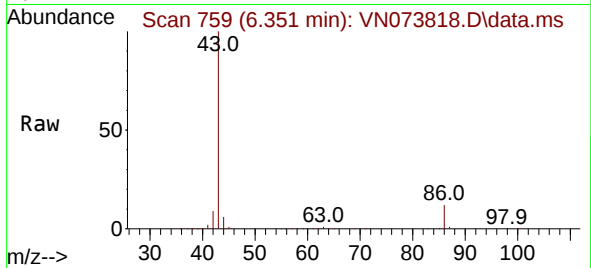
Tgt Ion: 45 Resp: 235668
Ion Ratio Lower Upper
45 100
43 60.6 46.6 70.0
87 34.5 24.3 36.5
59 14.5 9.6 14.4#





#23
 Vinyl Acetate
 Concen: 102.021 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073818.D
 Acq: 11 Aug 2022 12:21

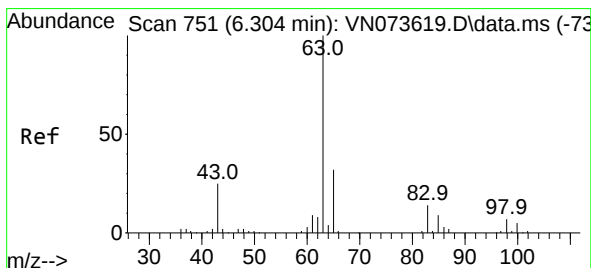
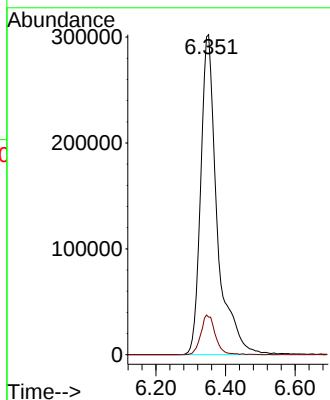
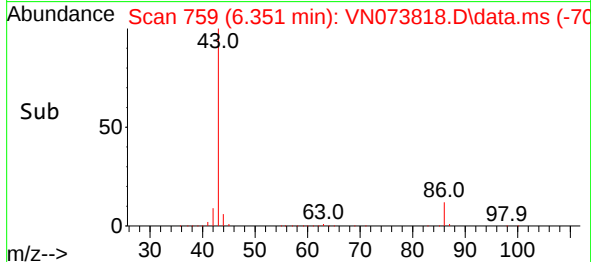
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01



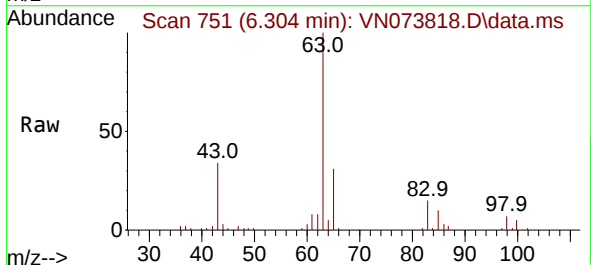
Tgt Ion: 43 Resp: 995402
 Ion Ratio Lower Upper
 43 100
 86 11.7 10.0 15.0

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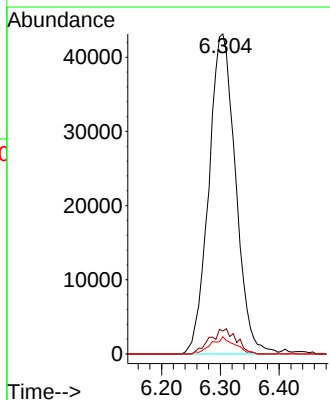
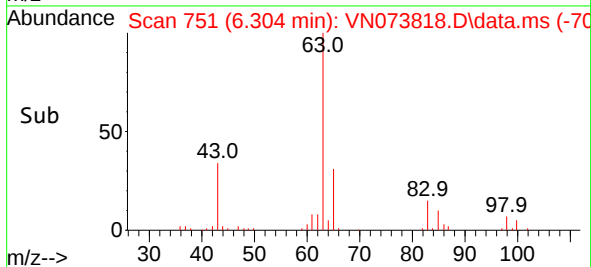
Reviewed By :John Carlone 08/12/2022
 Supervised By :Mahesh Dadoda 08/12/2022

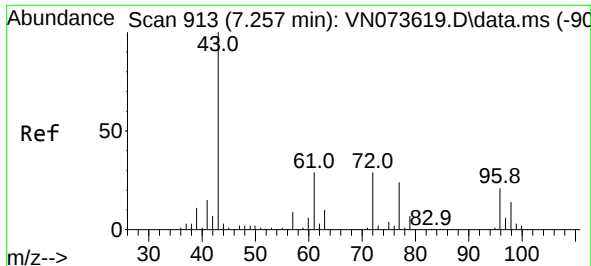


#24
 1,1-Dichloroethane
 Concen: 19.095 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.000 min
 Lab File: VN073818.D
 Acq: 11 Aug 2022 12:21



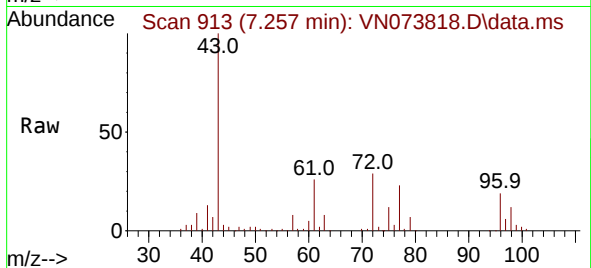
Tgt Ion: 63 Resp: 136709
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 5.4 2.3 6.8





#25
2-Butanone
Concen: 101.644 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

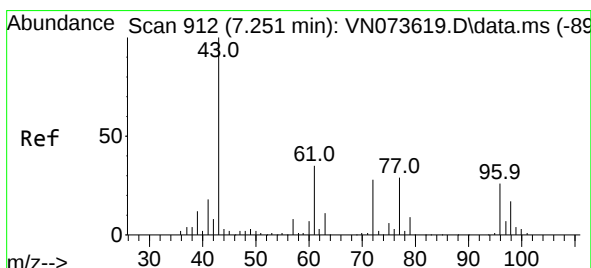
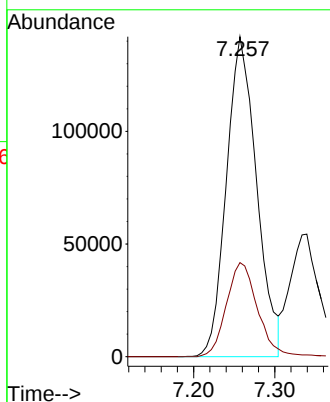
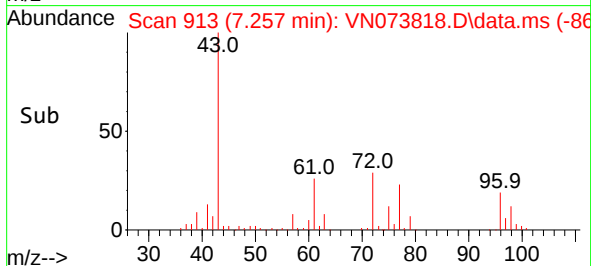
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



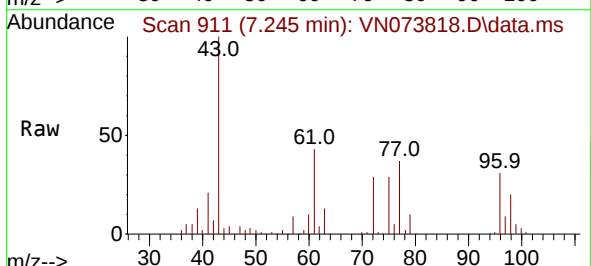
Tgt Ion: 43 Resp: 367414
Ion Ratio Lower Upper
43 100
72 29.4 23.7 35.5

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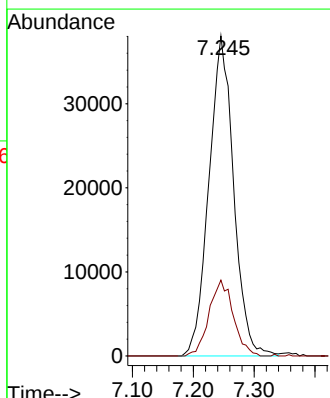
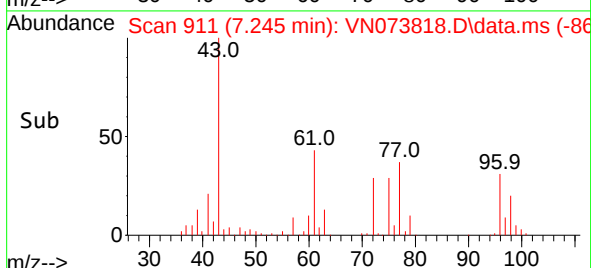
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#26
2,2-Dichloropropane
Concen: 19.502 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21



Tgt Ion: 77 Resp: 107423
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.2





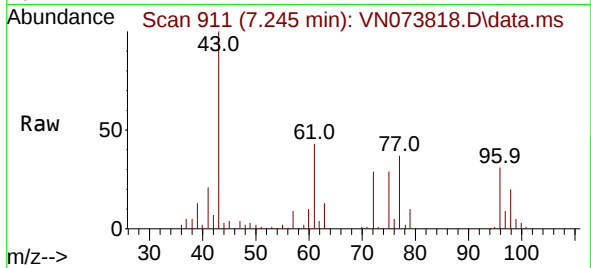
#27
 cis-1,2-Dichloroethene
 Concen: 19.767 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073818.D
 Acq: 11 Aug 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01



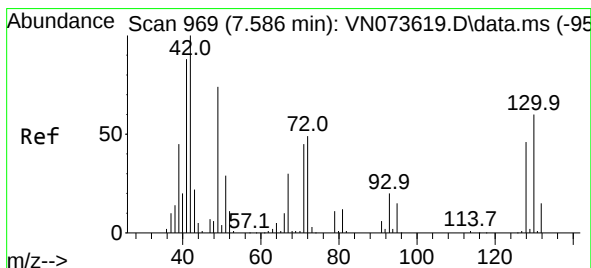
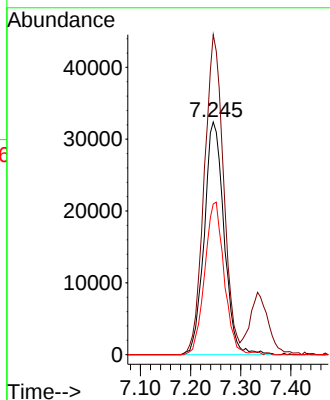
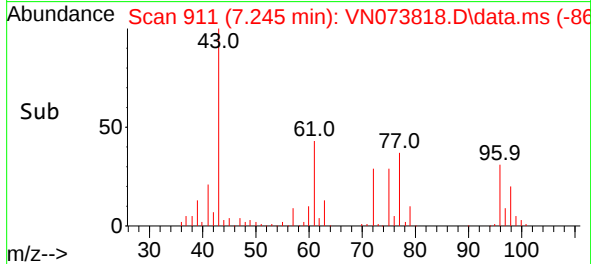
Tgt Ion: 96 Resp: 8894
 Ion Ratio Lower Upper
 96 100
 61 133.6 0.0 280.6
 98 63.9 0.0 128.4

Manual Integrations

APPROVED

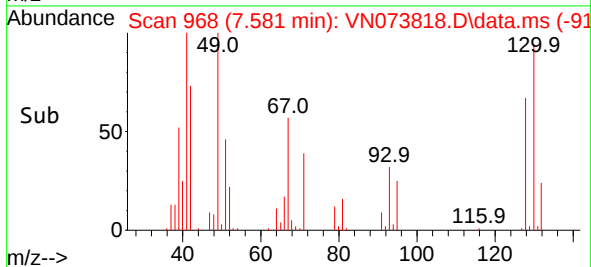
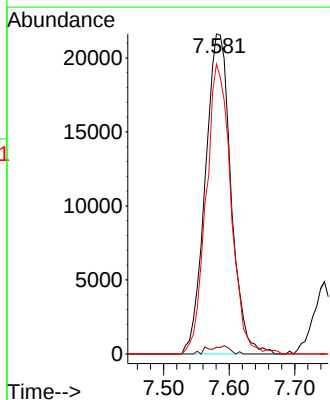
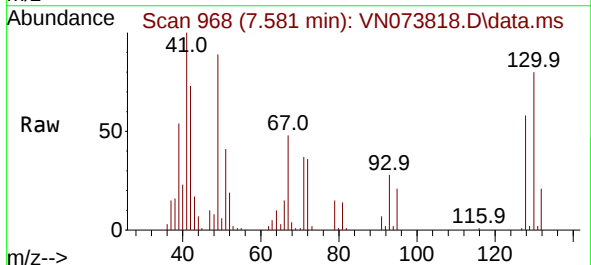
Reviewed By :John Carlone 08/12/2022

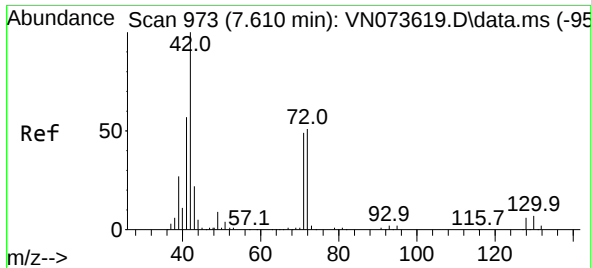
Supervised By :Mahesh Dadoda 08/12/2022



#28
 Bromochloromethane
 Concen: 19.588 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN073818.D
 Acq: 11 Aug 2022 12:21

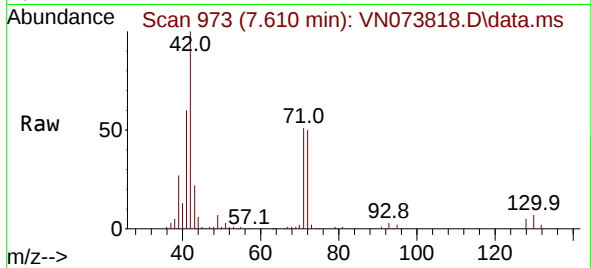
Tgt Ion: 49 Resp: 58882
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 87.4 69.7 104.5





#29
Tetrahydrofuran
Concen: 103.275 ug/l
RT: 7.610 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

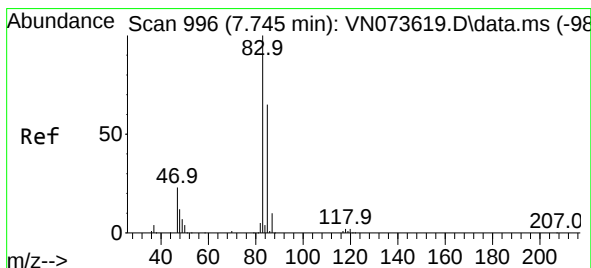
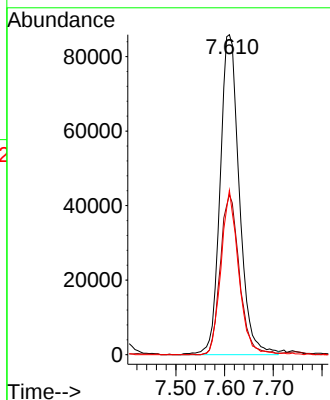
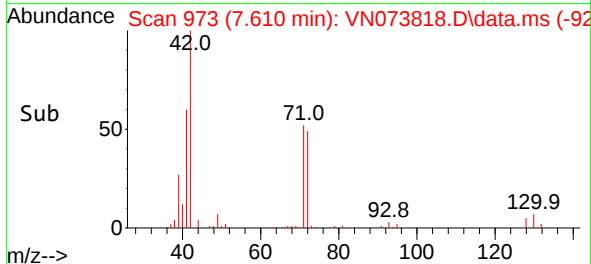
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



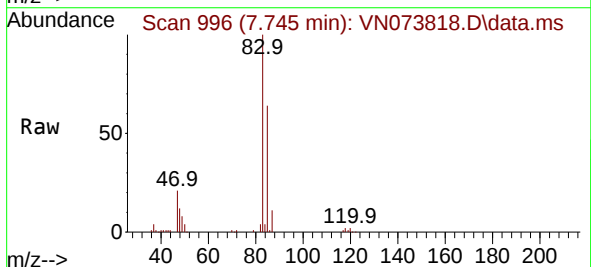
Tgt Ion: 42 Resp: 236020
Ion Ratio Lower Upper
42 100
72 49.7 39.7 59.5
71 47.1 36.6 55.0

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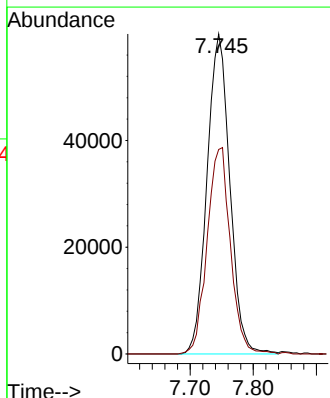
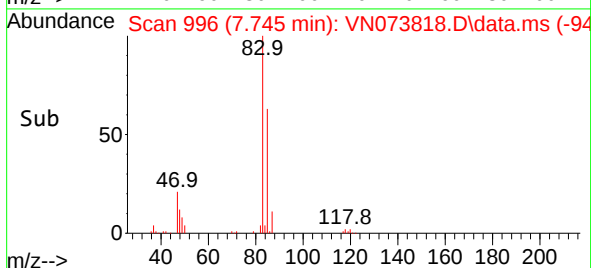
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

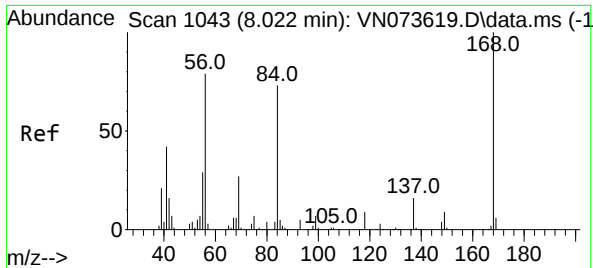


#30
Chloroform
Concen: 20.176 ug/l
RT: 7.745 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21



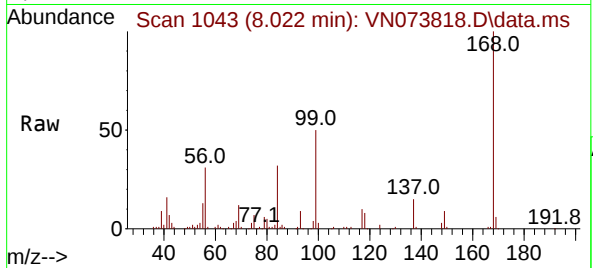
Tgt Ion: 83 Resp: 150500
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.8





#31
Cyclohexane
Concen: 17.325 ug/l
RT: 8.022 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

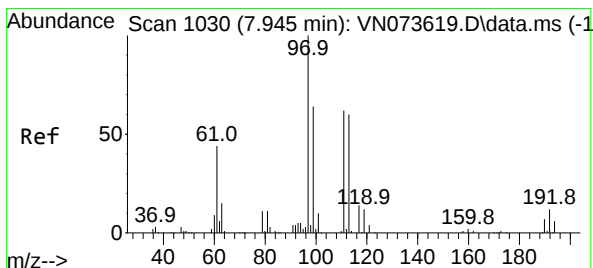
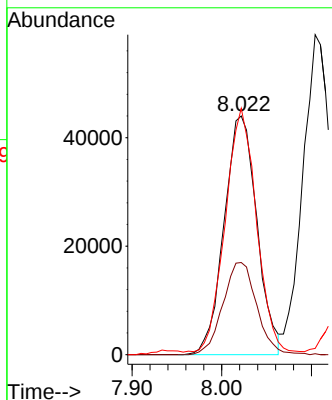
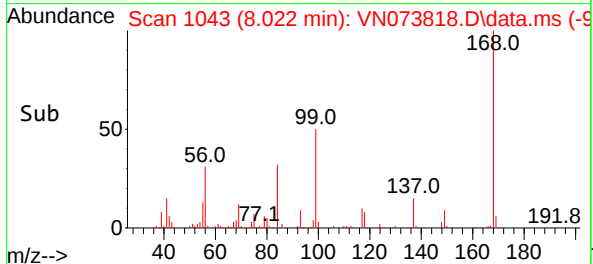
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



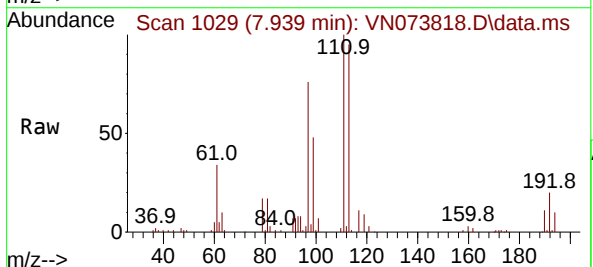
Tgt Ion: 56 Resp: 111780
Ion Ratio Lower Upper
56 100
69 38.1 27.8 41.8
84 101.6 76.9 115.3

Manual Integrations
APPROVED

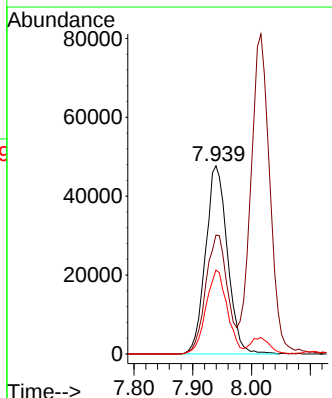
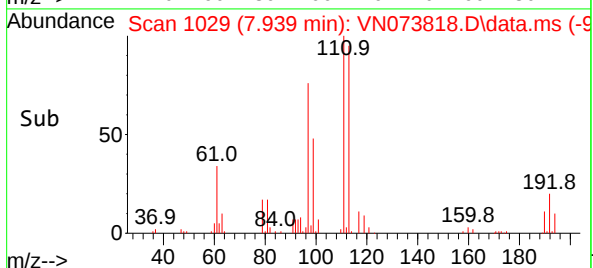
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#32
1,1,1-Trichloroethane
Concen: 19.925 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21



Tgt Ion: 97 Resp: 123406
Ion Ratio Lower Upper
97 100
99 62.9 50.6 76.0
61 43.4 36.0 54.0





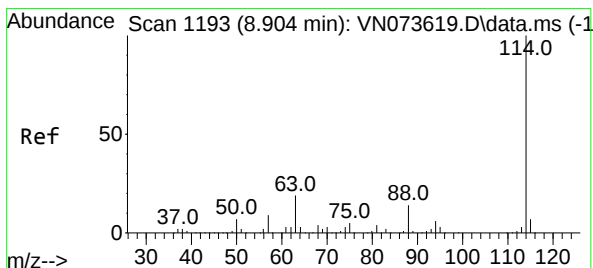
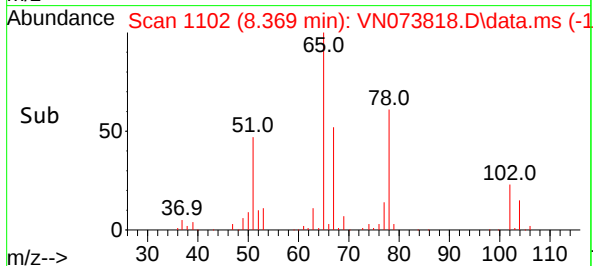
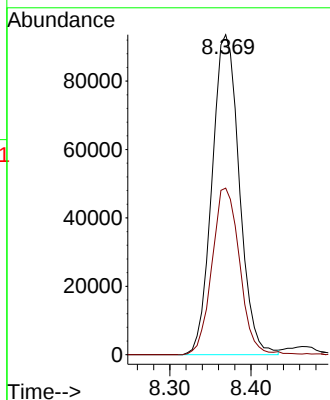
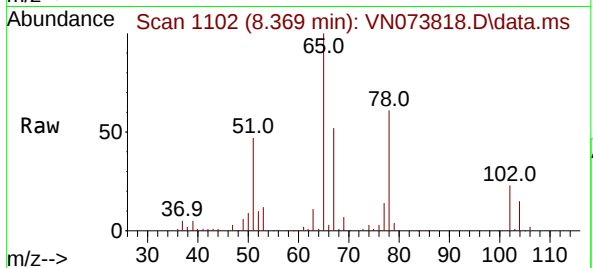
#33
1,2-Dichloroethane-d4
Concen: 50.467 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

Tgt Ion: 65 Resp: 21870
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8

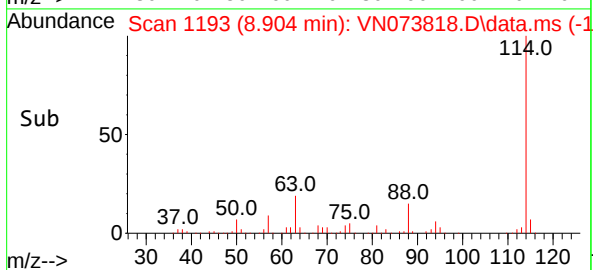
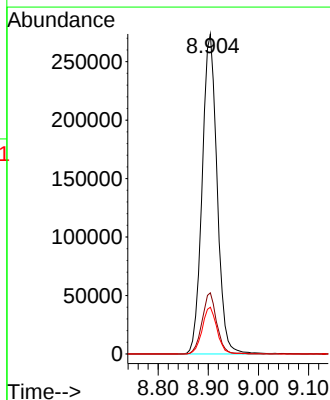
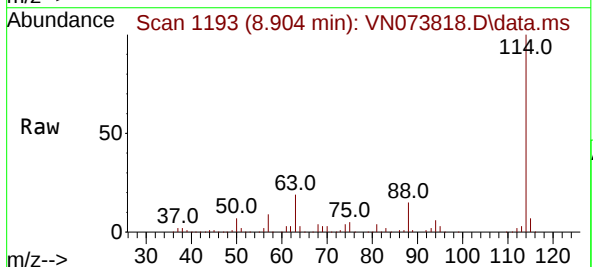
Manual Integrations
APPROVED

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: VN073818.D
Acq: 11 Aug 2022 12:21

Tgt Ion:114 Resp: 566350
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 14.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.814 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073818.D

Acq: 11 Aug 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

Tgt Ion: 113 Resp: 18782

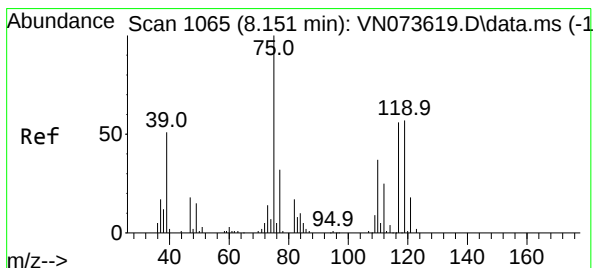
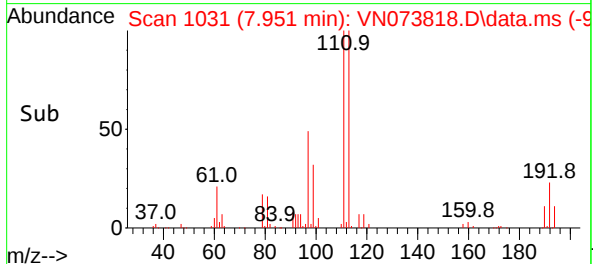
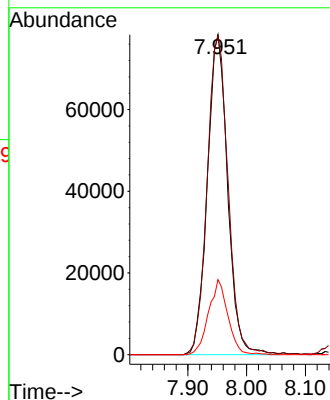
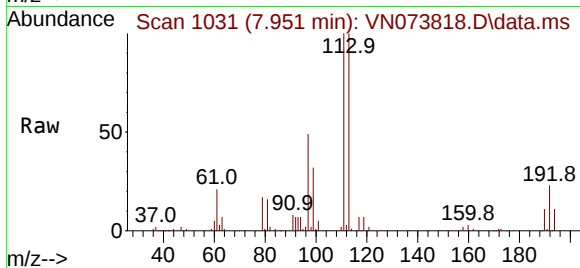
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	22.3	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#36

1,1-Dichloropropene

Concen: 19.374 ug/l

RT: 8.151 min Scan# 1065

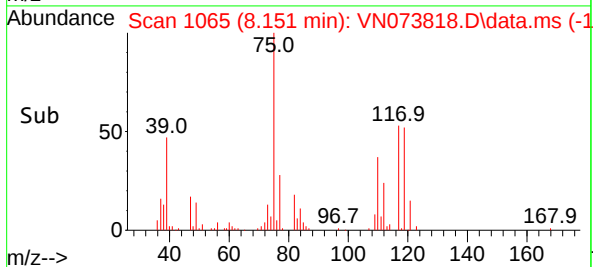
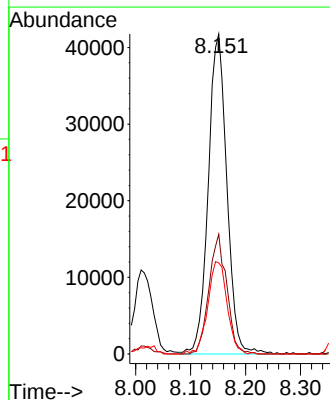
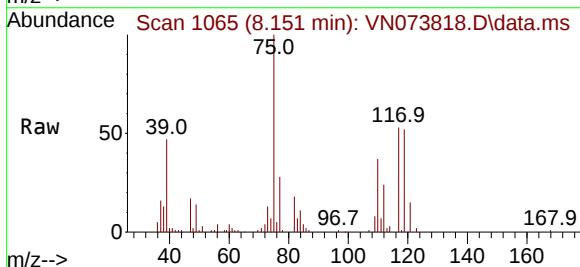
Delta R.T. 0.000 min

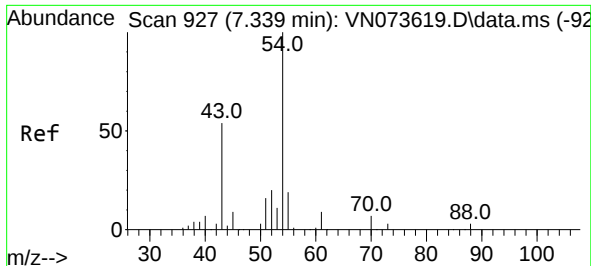
Lab File: VN073818.D

Acq: 11 Aug 2022 12:21

Tgt Ion: 75 Resp: 98199

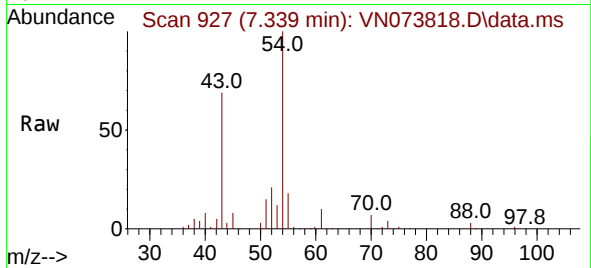
Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.3	54.8
77	30.0	25.1	37.7





#37
Ethyl Acetate
Concen: 21.010 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

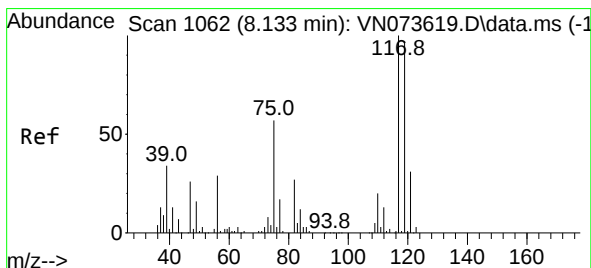
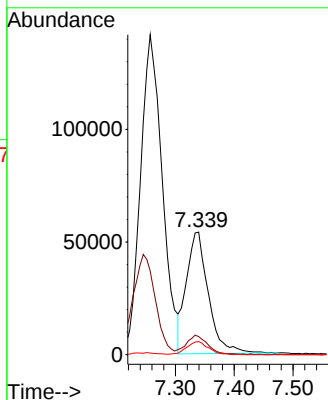
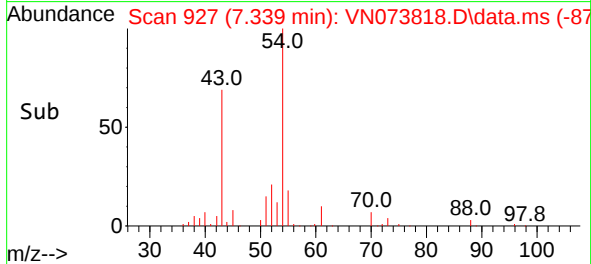
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 43 Resp: 140240
Ion Ratio Lower Upper
43 100
61 16.0 11.8 17.6
70 10.6 9.3 13.9

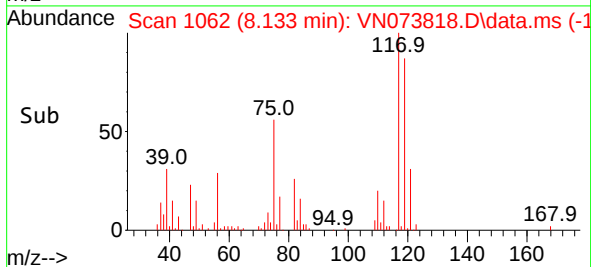
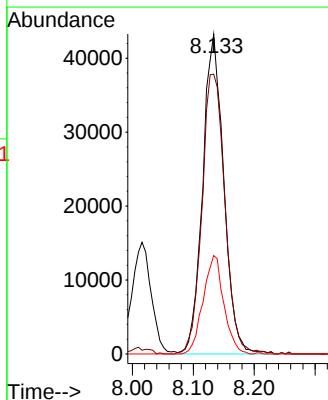
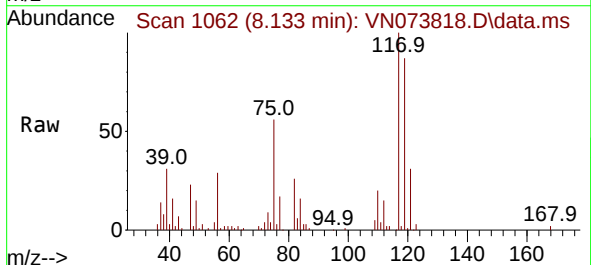
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 20.266 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

Tgt Ion:117 Resp: 104326
Ion Ratio Lower Upper
117 100
119 87.4 75.8 113.8
121 30.8 24.6 37.0





#39

Methylcyclohexane

Concen: 18.736 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VN073818.D

Acq: 11 Aug 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

Tgt Ion: 83 Resp: 11348

Ion Ratio Lower Upper

83 100

55 72.2 57.8 86.8

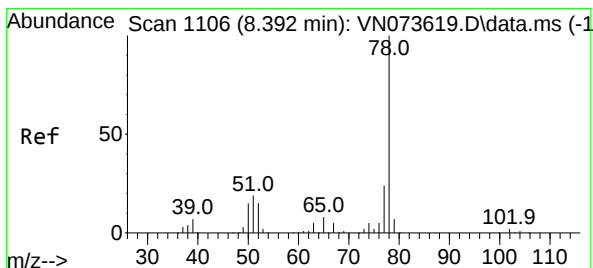
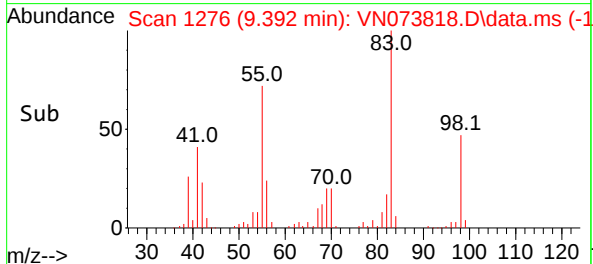
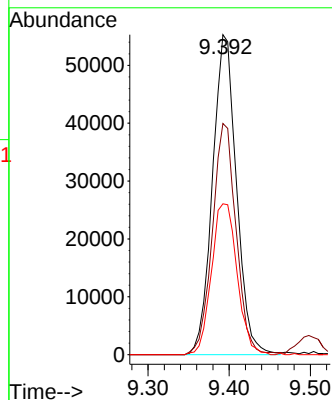
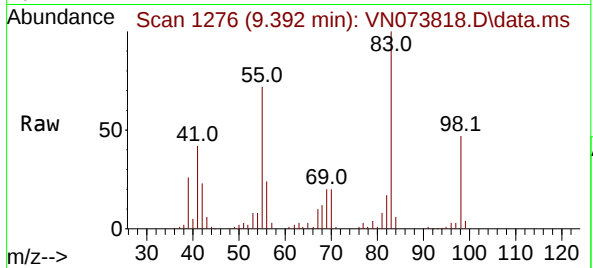
98 47.1 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#40

Benzene

Concen: 19.814 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN073818.D

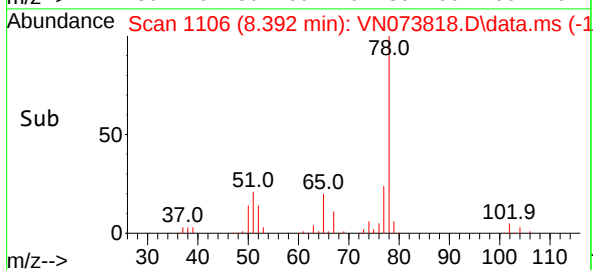
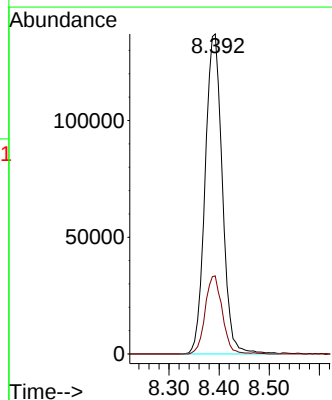
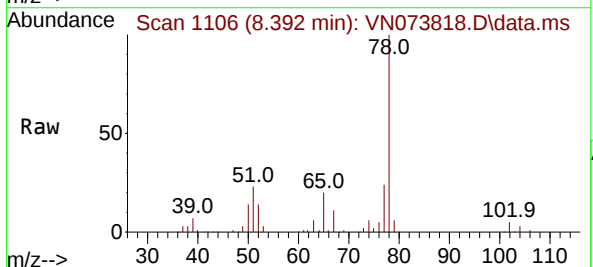
Acq: 11 Aug 2022 12:21

Tgt Ion: 78 Resp: 326131

Ion Ratio Lower Upper

78 100

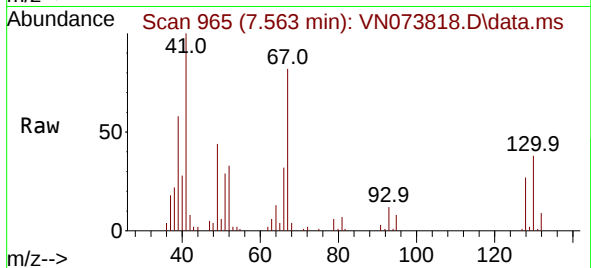
77 24.4 19.4 29.0





#41
Methacrylonitrile
Concen: 21.761 ug/l
RT: 7.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

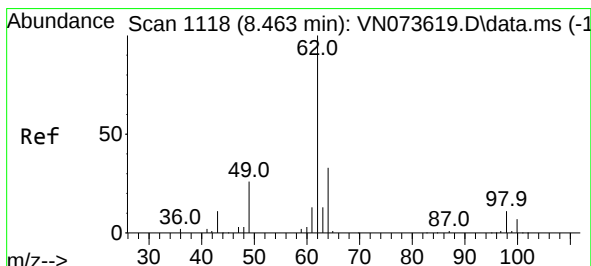
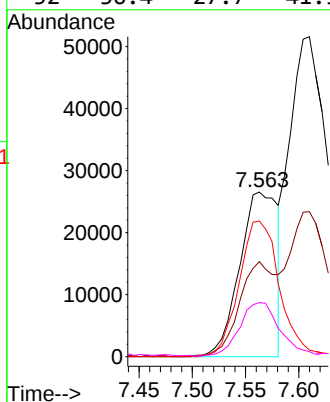
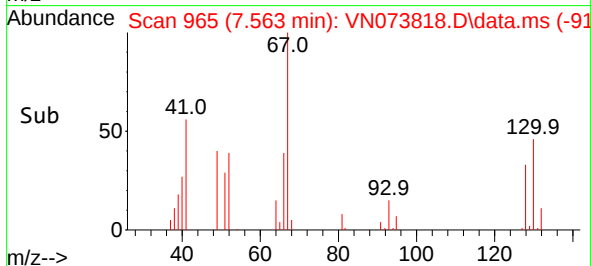
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 41 Resp: 6573
Ion Ratio Lower Upper
41 100
39 56.2 48.6 73.0
67 89.0 73.4 110.2
52 36.4 27.7 41.5

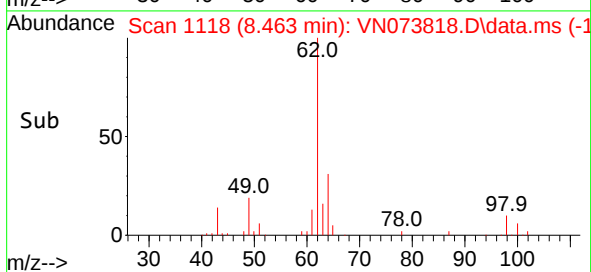
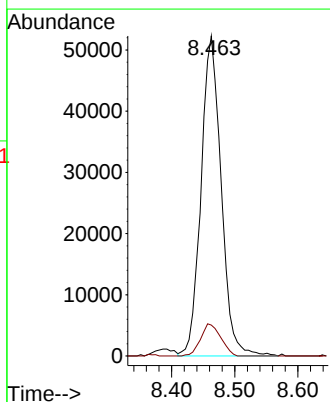
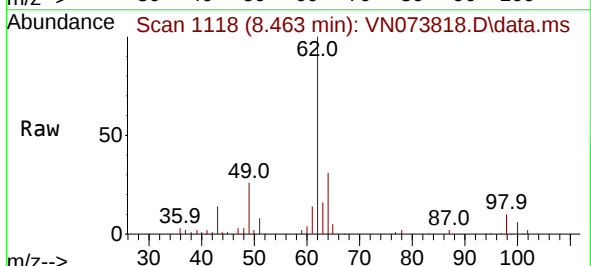
Manual Integrations
APPROVED

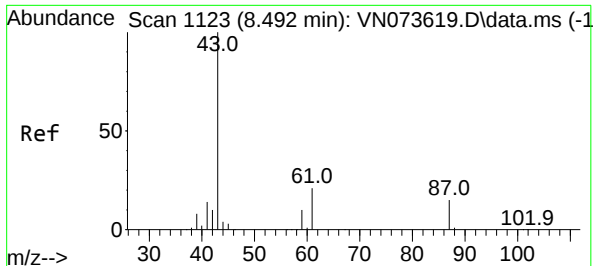
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#42
1,2-Dichloroethane
Concen: 20.868 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

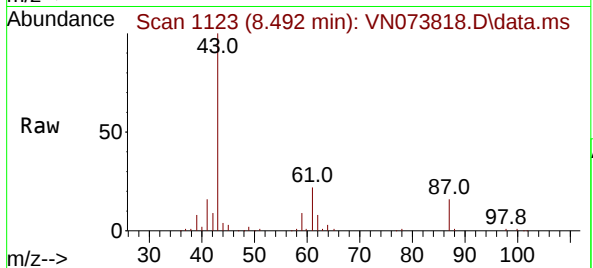
Tgt Ion: 62 Resp: 115759
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.4





#43
Isopropyl Acetate
Concen: 21.198 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

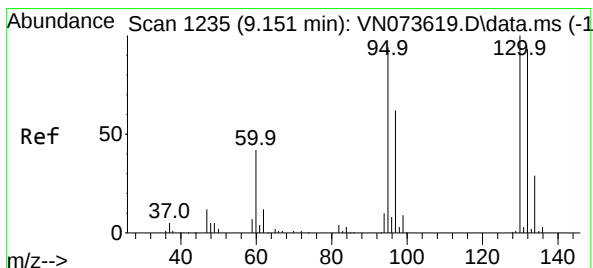
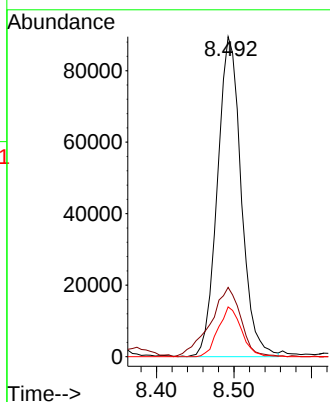
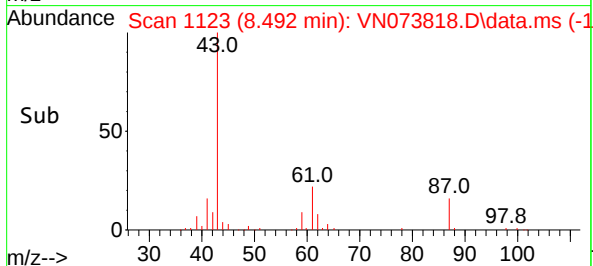
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 43 Resp: 19112
Ion Ratio Lower Upper
43 100
61 27.7 21.9 32.9
87 15.2 12.0 18.0

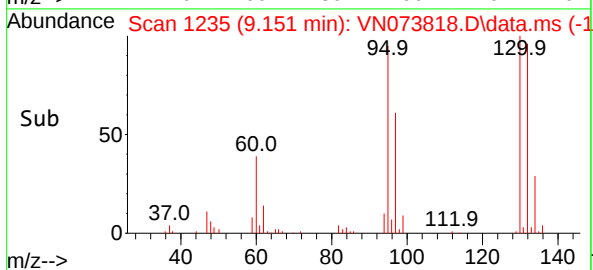
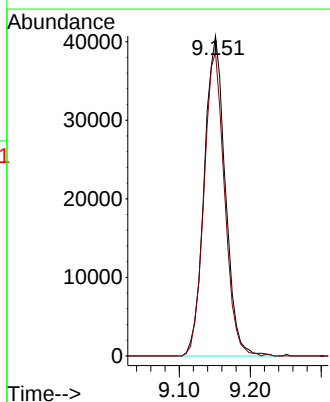
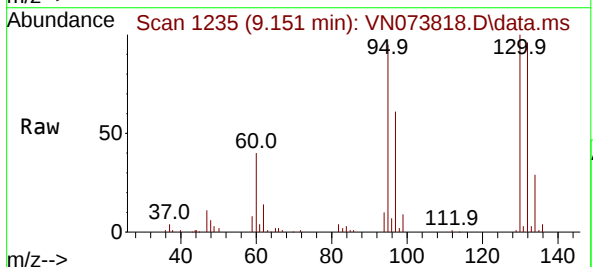
Manual Integrations
APPROVED

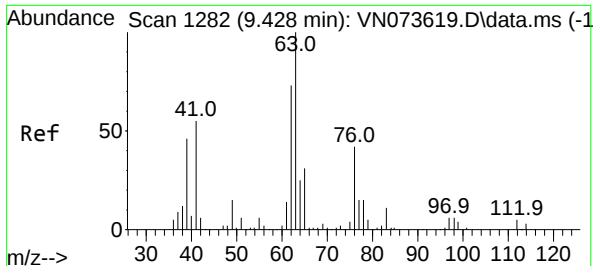
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#44
Trichloroethene
Concen: 20.007 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

Tgt Ion:130 Resp: 83509
Ion Ratio Lower Upper
130 100
95 95.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 20.846 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VN073818.D

Acq: 11 Aug 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

Tgt Ion: 63 Resp: 85760

Ion Ratio Lower Upper

63 100

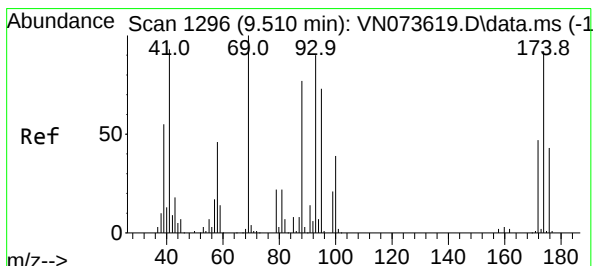
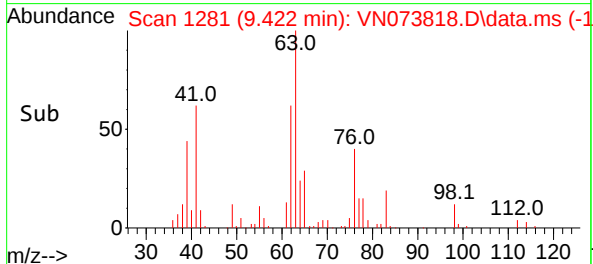
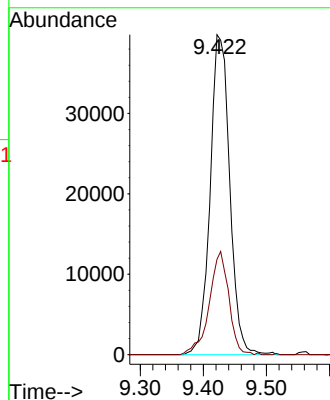
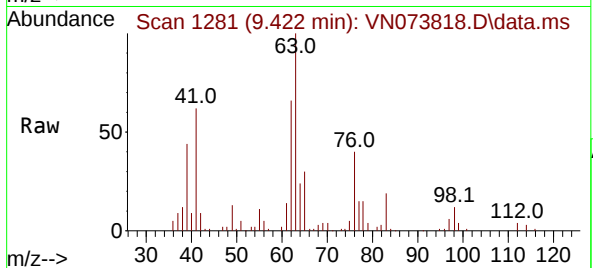
65 29.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#46

Dibromomethane

Concen: 20.873 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073818.D

Acq: 11 Aug 2022 12:21

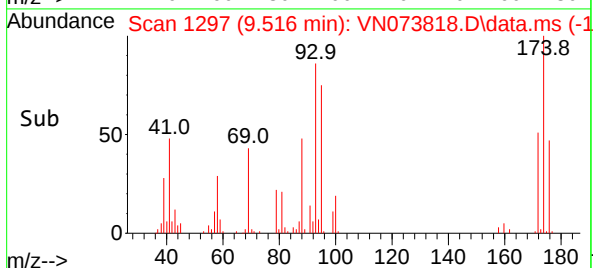
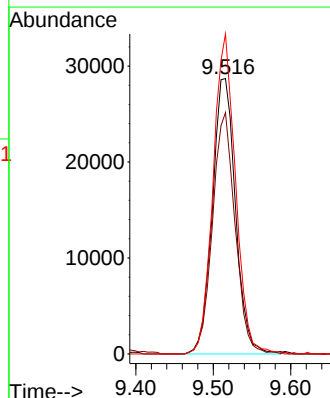
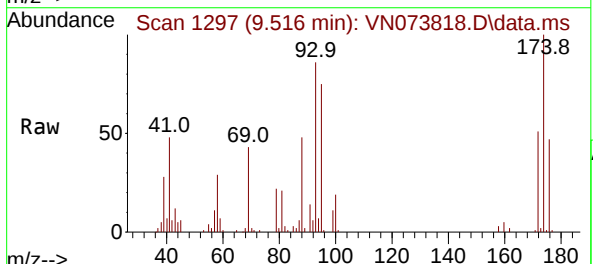
Tgt Ion: 93 Resp: 59600

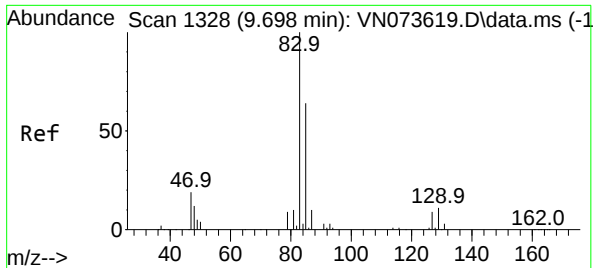
Ion Ratio Lower Upper

93 100

95 85.6 66.9 100.3

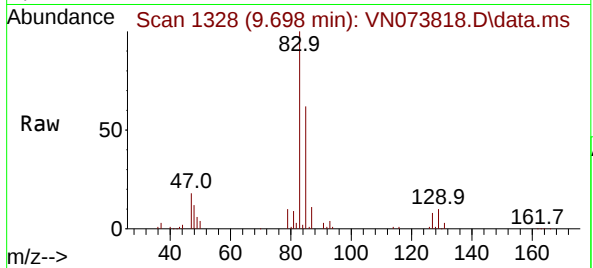
174 112.4 86.6 130.0





#47
Bromodichloromethane
Concen: 21.308 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

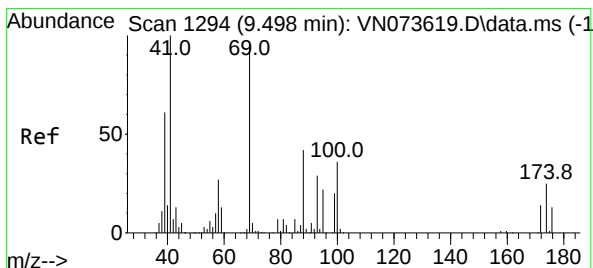
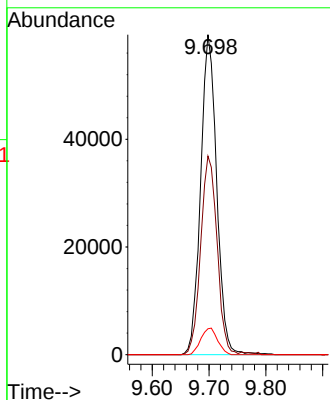
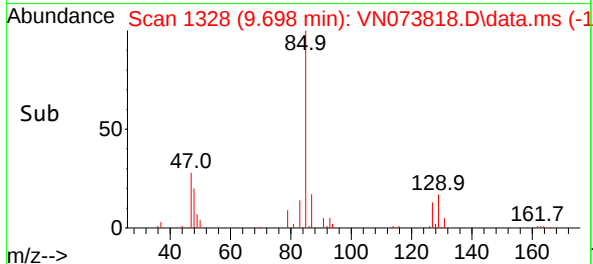
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 83 Resp: 116772
Ion Ratio Lower Upper
83 100
85 62.1 50.5 75.7
127 8.1 6.8 10.2

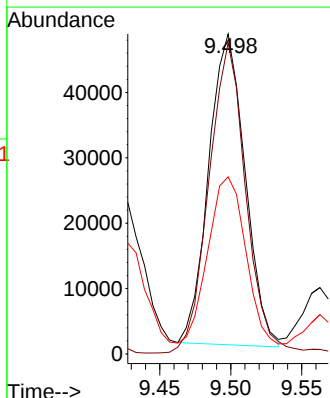
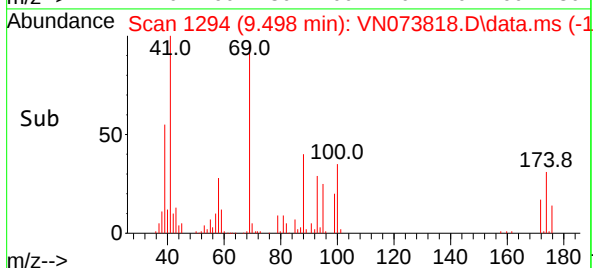
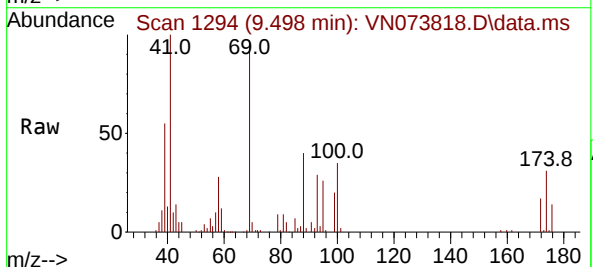
Manual Integrations
APPROVED

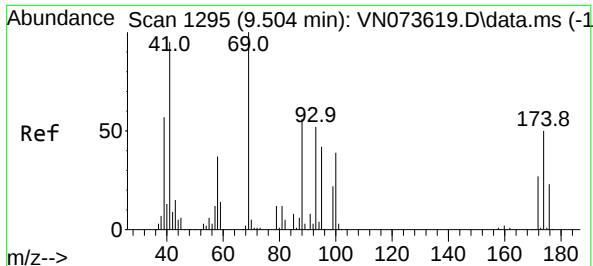
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#48
Methyl methacrylate
Concen: 21.424 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

Tgt Ion: 41 Resp: 84553
Ion Ratio Lower Upper
41 100
69 103.6 74.7 112.1
39 61.9 45.6 68.4





#49

1,4-Dioxane

Concen: 429.010 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN073818.D

Acq: 11 Aug 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

Tgt Ion: 88 Resp: 4772

Ion Ratio Lower Upper

88 100

43 27.1 20.2 30.4

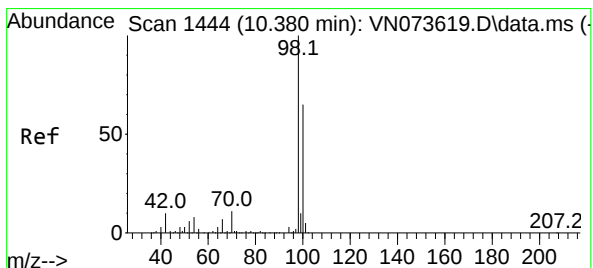
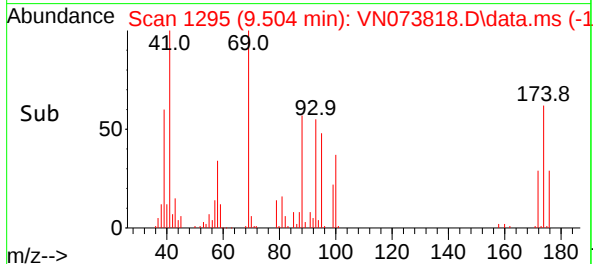
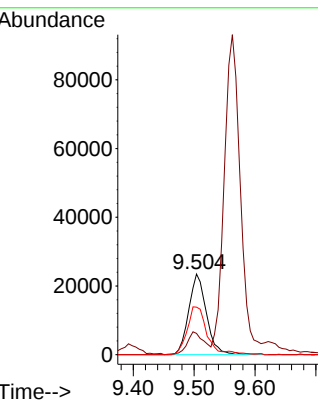
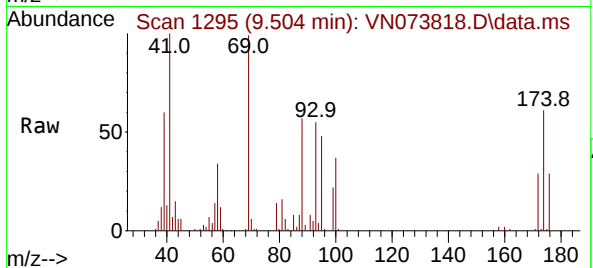
58 63.0 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#50

Toluene-d8

Concen: 49.198 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073818.D

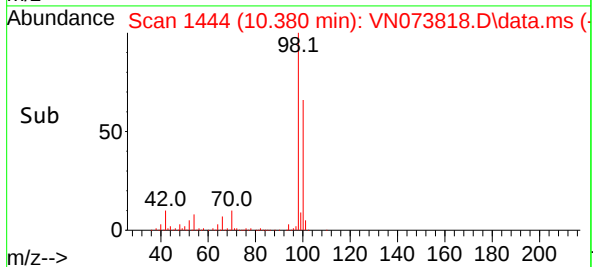
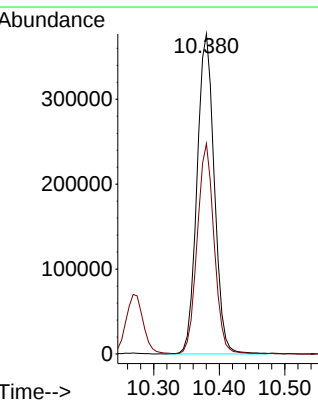
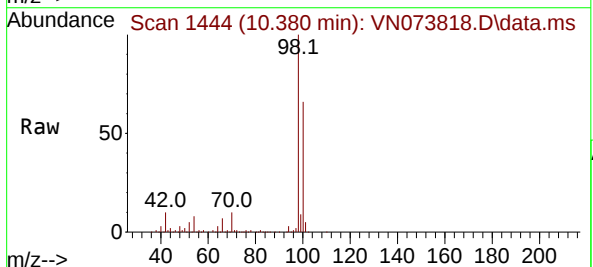
Acq: 11 Aug 2022 12:21

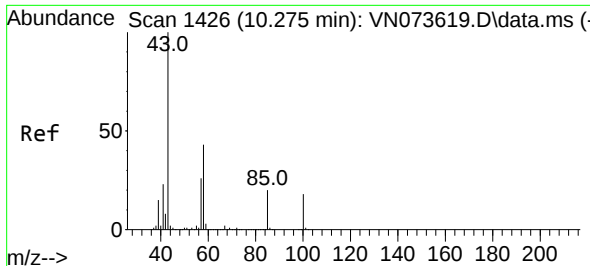
Tgt Ion: 98 Resp: 688505

Ion Ratio Lower Upper

98 100

100 64.4 52.6 78.8





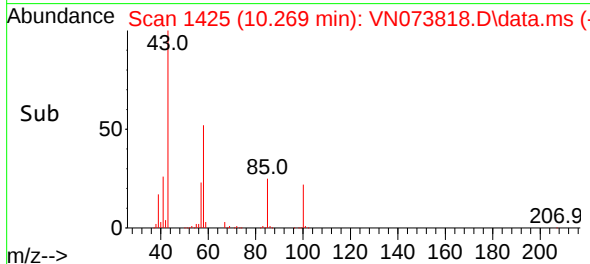
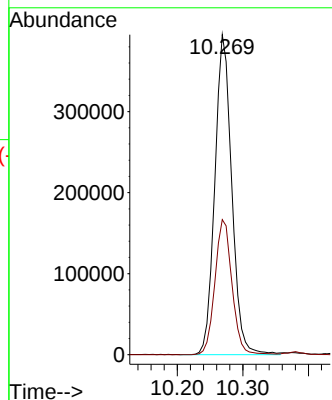
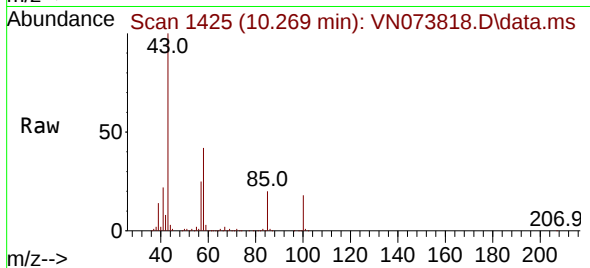
#51
4-Methyl-2-Pentanone
Concen: 109.521 ug/l
RT: 10.269 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

Tgt Ion: 43 Resp: 708240
Ion Ratio Lower Upper
43 100
58 42.5 34.1 51.1

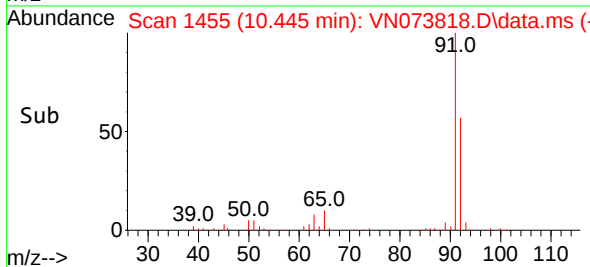
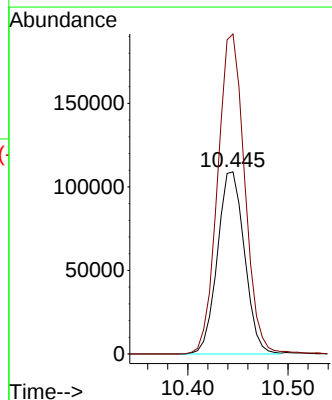
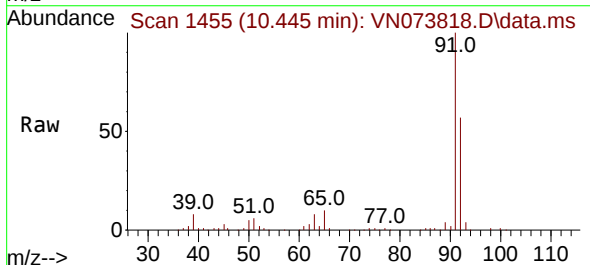
Manual Integrations
APPROVED

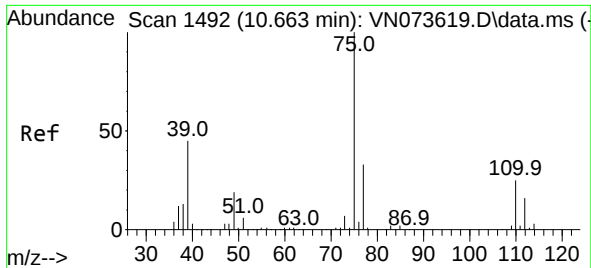
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#52
Toluene
Concen: 20.310 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

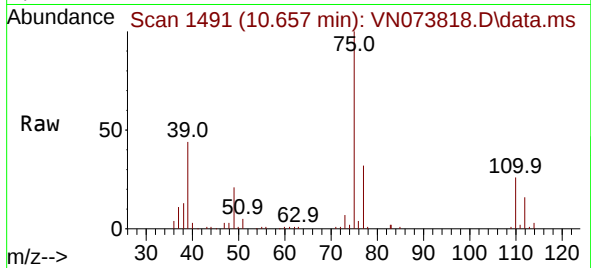
Tgt Ion: 92 Resp: 204189
Ion Ratio Lower Upper
92 100
91 176.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 21.448 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

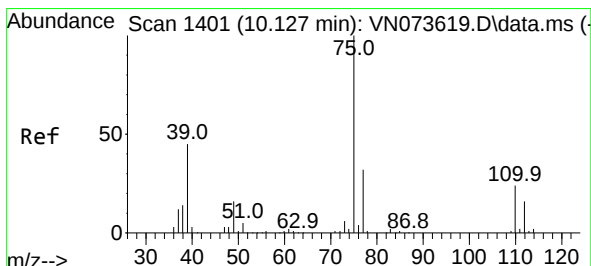
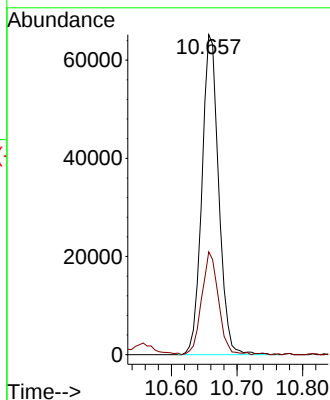
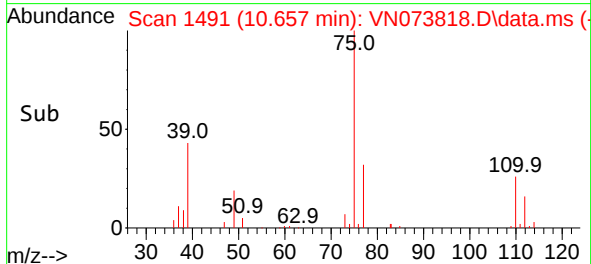
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 75 Resp: 116110
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4

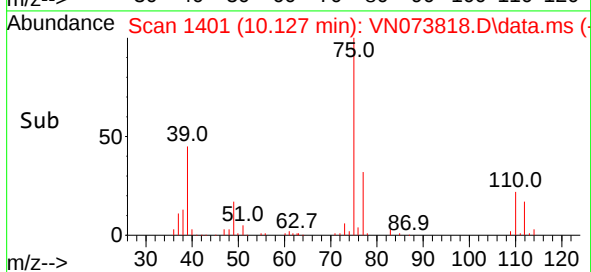
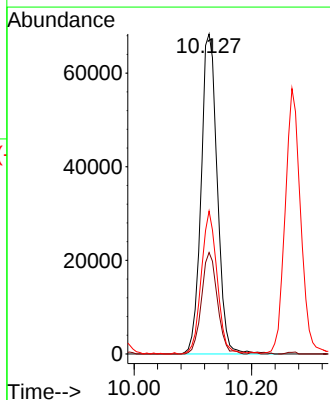
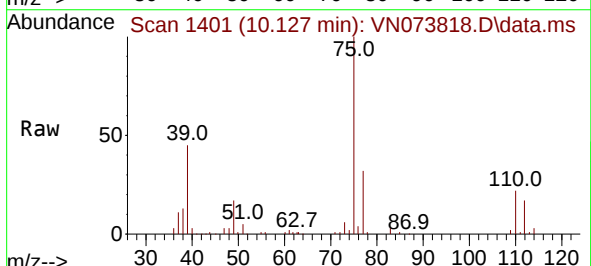
Manual Integrations
APPROVED

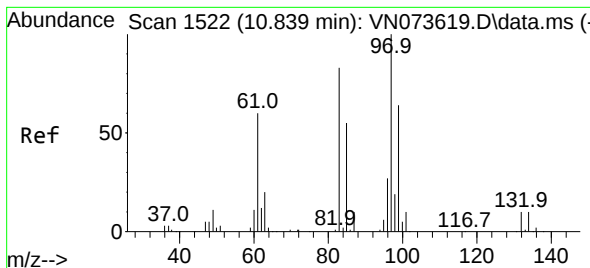
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#54
cis-1,3-Dichloropropene
Concen: 21.360 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

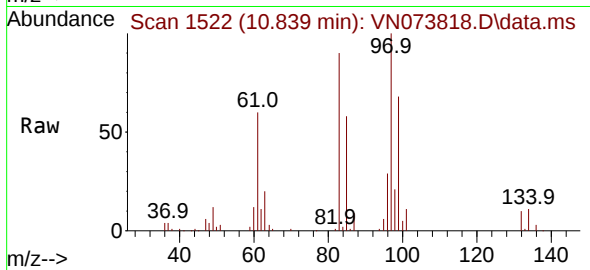
Tgt Ion: 75 Resp: 130317
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
39 44.6 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 22.019 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

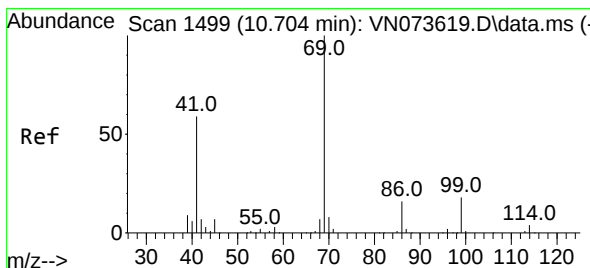
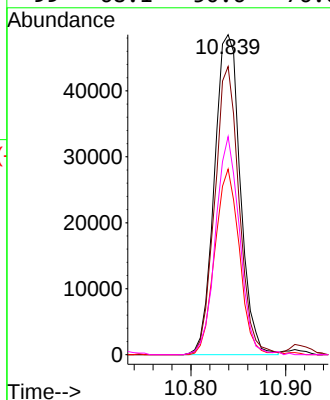
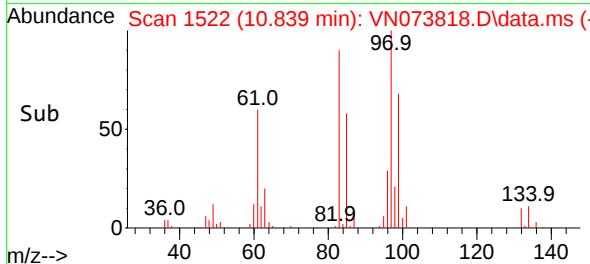
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



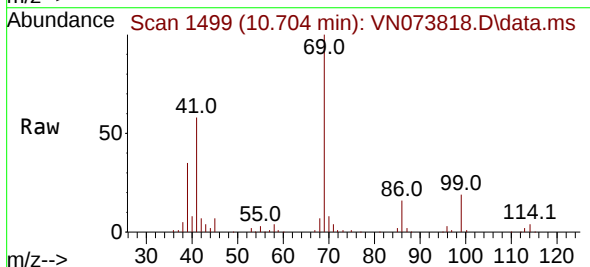
Tgt Ion: 97 Resp: 92310
Ion Ratio Lower Upper
97 100
83 90.0 66.2 99.4
85 58.0 43.9 65.9
99 68.1 50.6 76.0

Manual Integrations
APPROVED

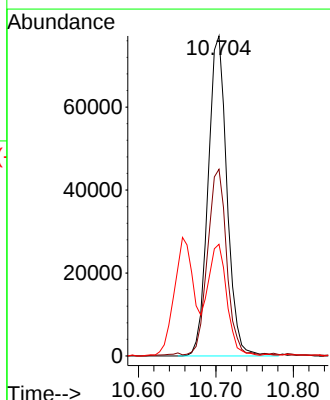
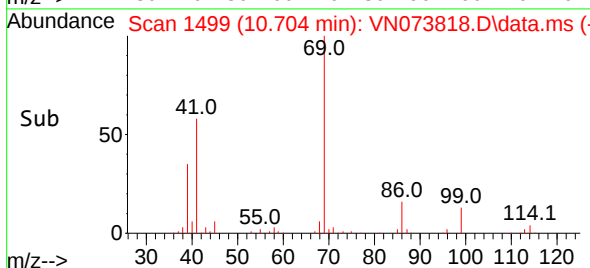
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#56
Ethyl methacrylate
Concen: 22.616 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21



Tgt Ion: 69 Resp: 130680
Ion Ratio Lower Upper
69 100
41 58.4 47.8 71.6
39 35.2 27.3 40.9





#57

1,3-Dichloropropane

Concen: 20.949 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. -0.000 min

Lab File: VN073818.D

Acq: 11 Aug 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

Tgt Ion: 76 Resp: 149010

Ion Ratio Lower Upper

76 100

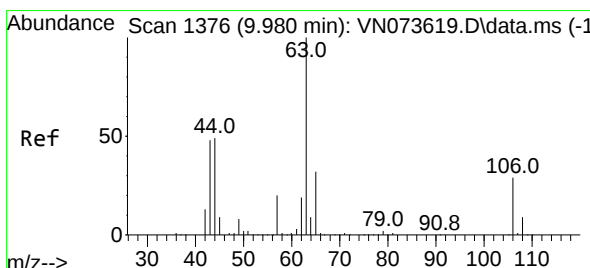
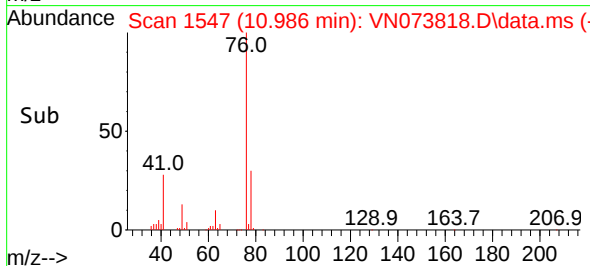
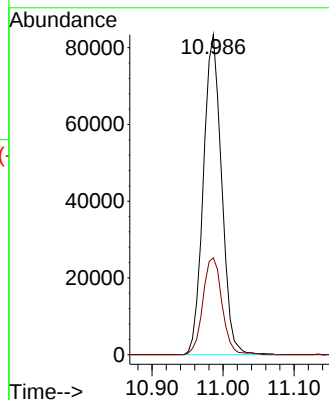
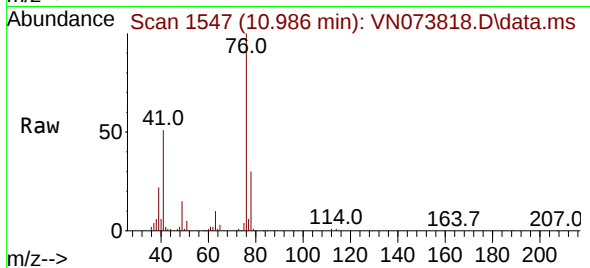
78 31.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 92.906 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073818.D

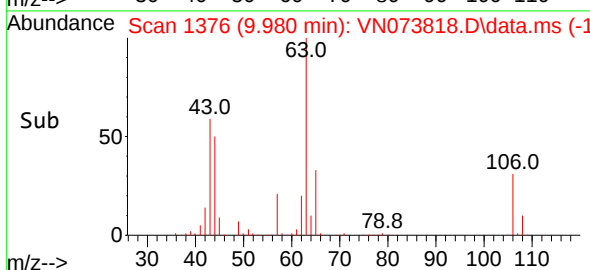
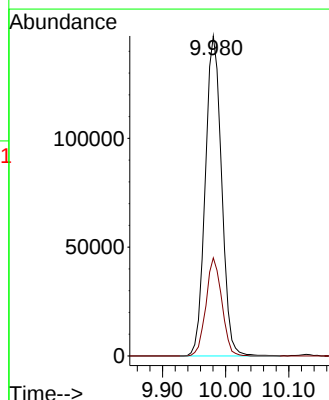
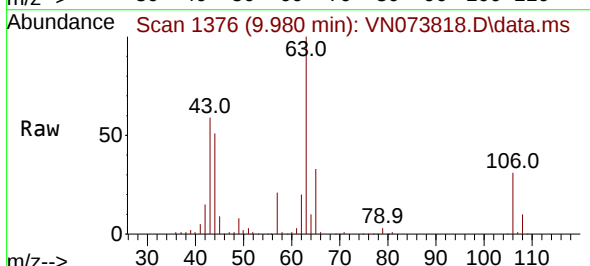
Acq: 11 Aug 2022 12:21

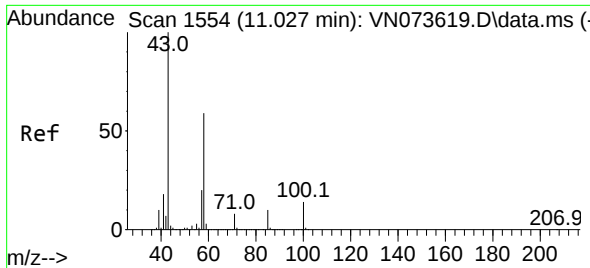
Tgt Ion: 63 Resp: 264183

Ion Ratio Lower Upper

63 100

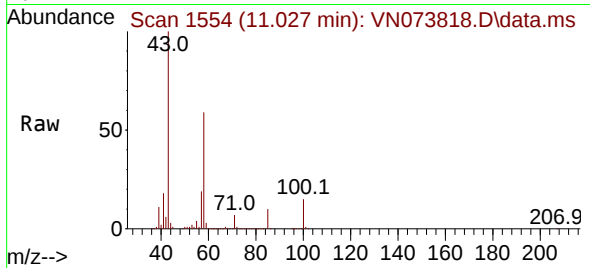
106 29.7 24.6 36.8





#59
2-Hexanone
Concen: 110.498 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

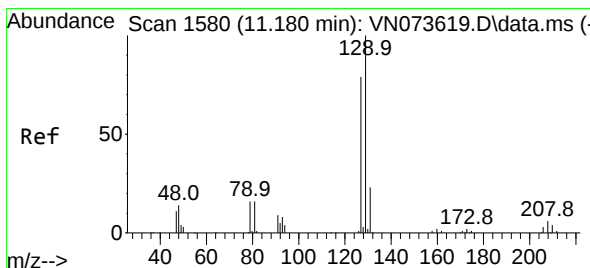
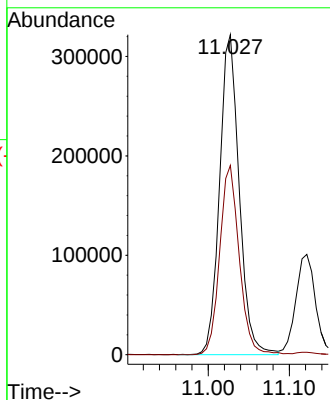
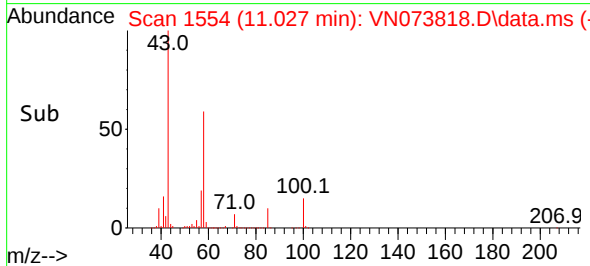
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 43 Resp: 541378
Ion Ratio Lower Upper
43 100
58 59.0 29.7 89.1

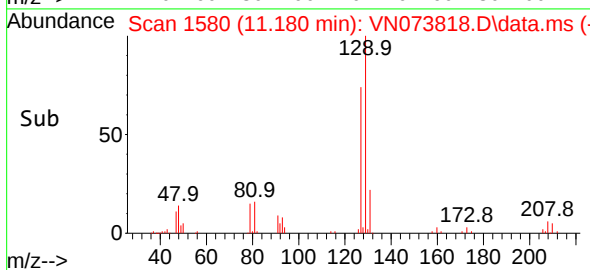
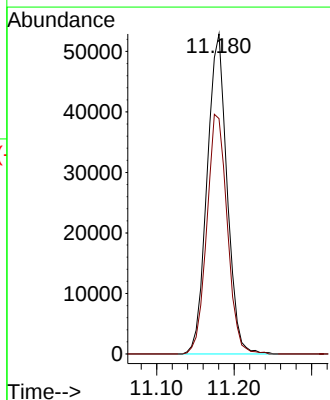
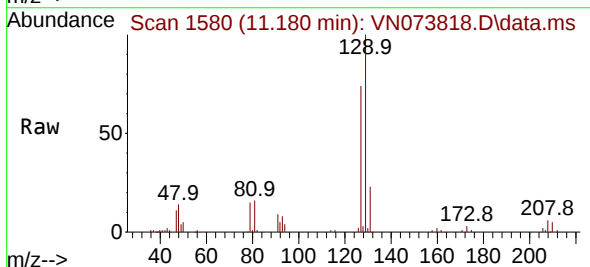
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 22.674 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

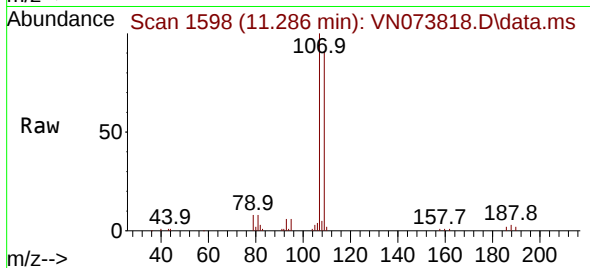
Tgt Ion:129 Resp: 94567
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.861 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

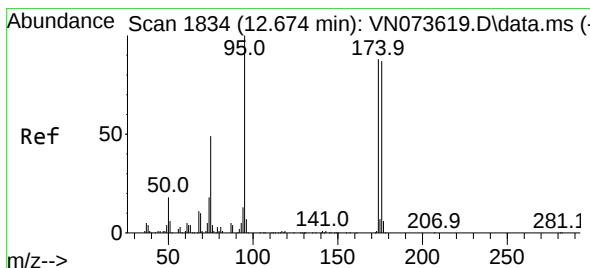
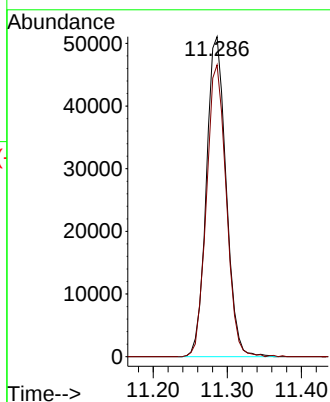
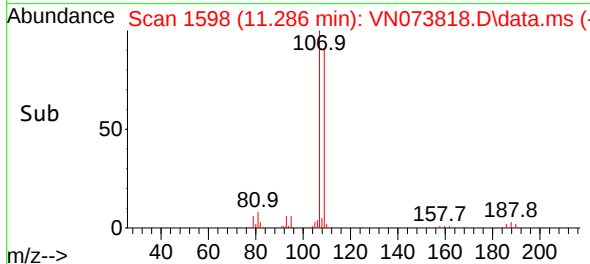
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



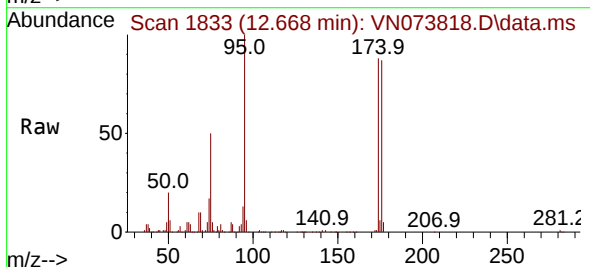
Tgt Ion:107 Resp: 94390
Ion Ratio Lower Upper
107 100
109 91.5 75.0 112.6

Manual Integrations
APPROVED

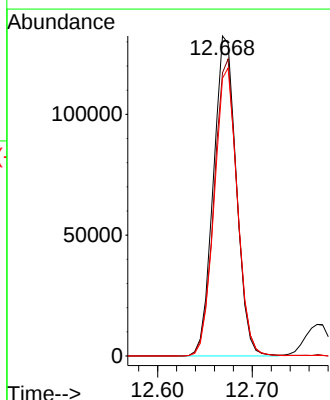
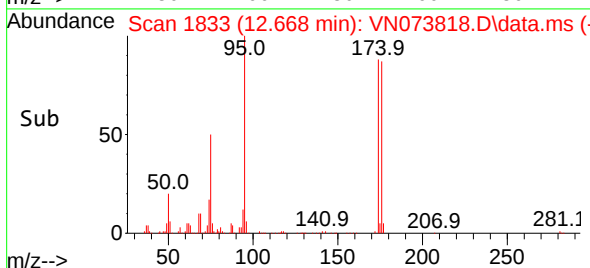
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

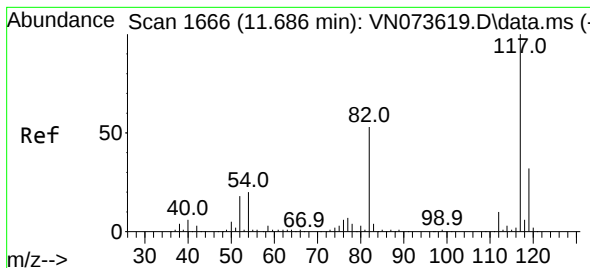


#62
4-Bromofluorobenzene
Concen: 45.565 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21



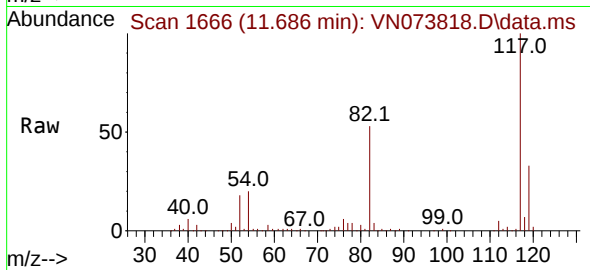
Tgt Ion: 95 Resp: 222584
Ion Ratio Lower Upper
95 100
174 92.7 0.0 167.6
176 90.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

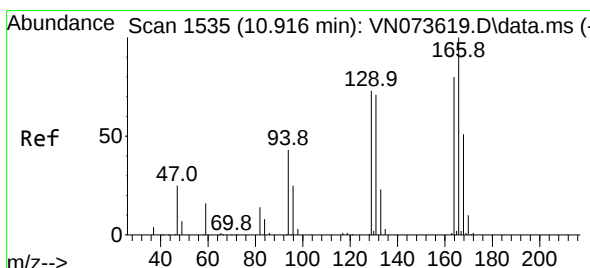
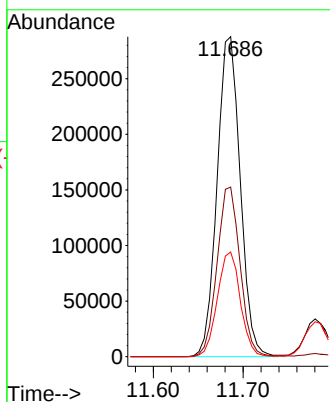
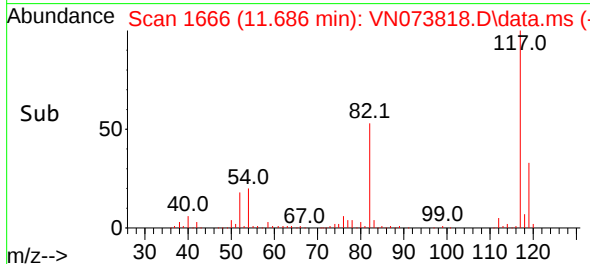
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion:117 Resp: 51637
Ion Ratio Lower Upper
117 100
82 53.0 44.2 66.2
119 32.7 25.4 38.0

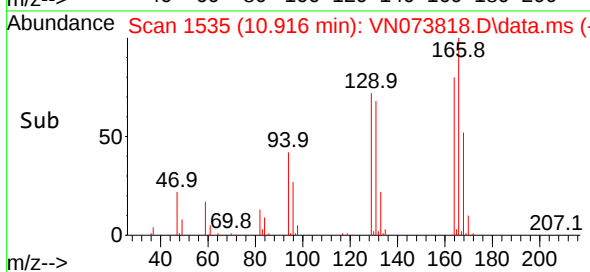
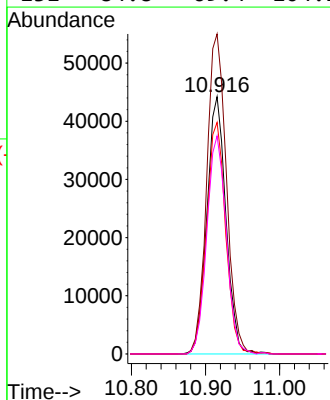
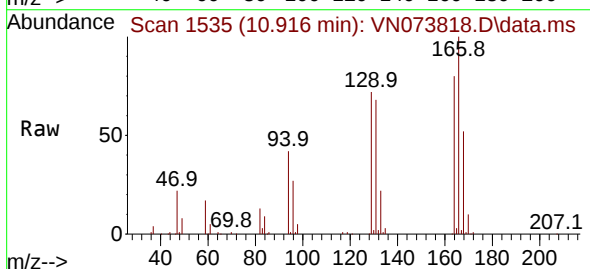
Manual Integrations
APPROVED

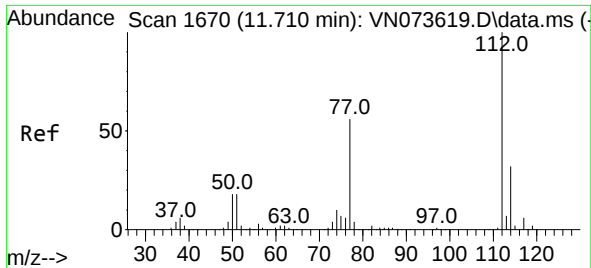
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#64
Tetrachloroethene
Concen: 19.260 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

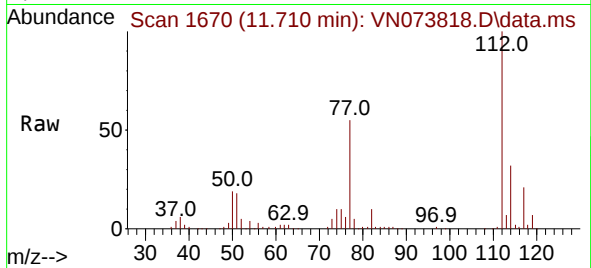
Tgt Ion:164 Resp: 79037
Ion Ratio Lower Upper
164 100
166 124.4 104.2 156.2
129 90.0 73.9 110.9
131 84.8 69.4 104.2





#65
Chlorobenzene
Concen: 20.340 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

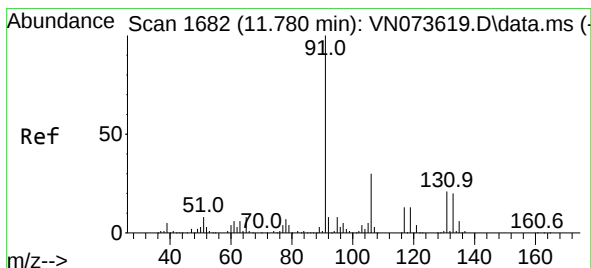
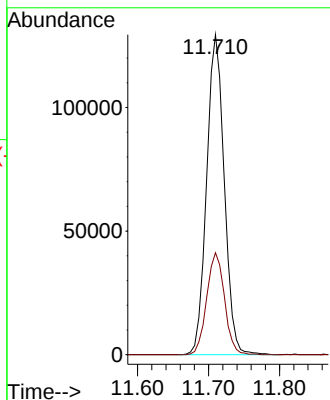
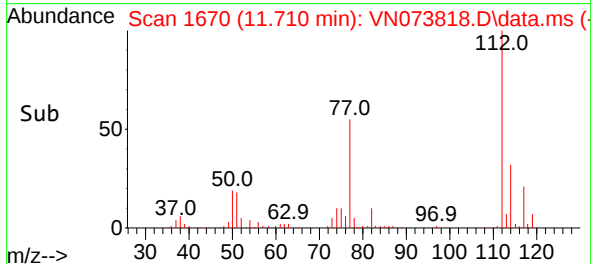
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



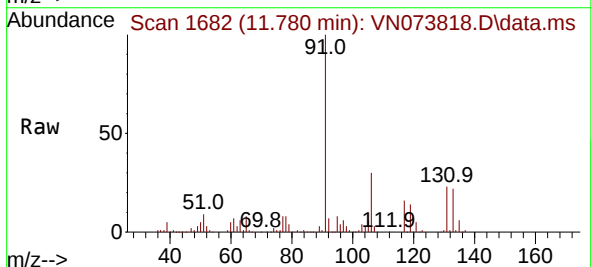
Tgt Ion:112 Resp: 22308
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

Manual Integrations
APPROVED

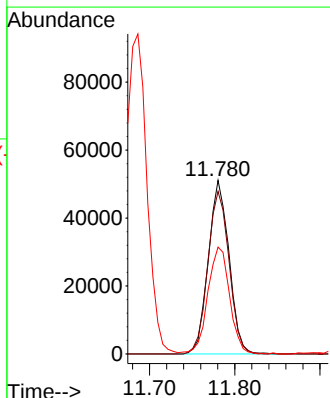
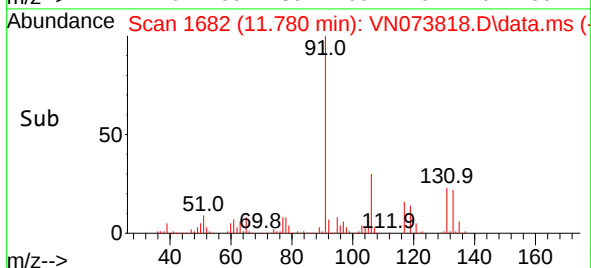
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

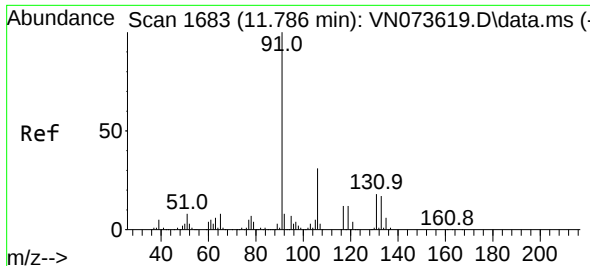


#66
1,1,1,2-Tetrachloroethane
Concen: 21.904 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21



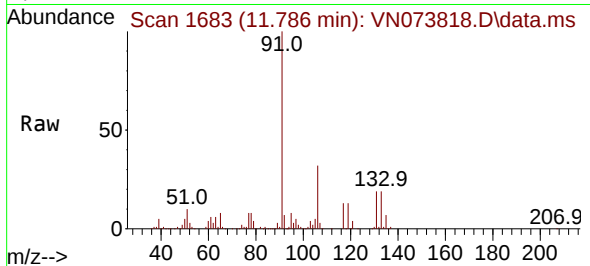
Tgt Ion:131 Resp: 86170
Ion Ratio Lower Upper
131 100
133 96.4 47.8 143.4
119 64.9 33.4 100.2





#67
Ethyl Benzene
Concen: 20.262 ug/l
RT: 11.786 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

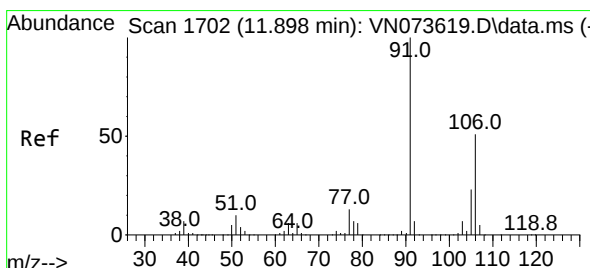
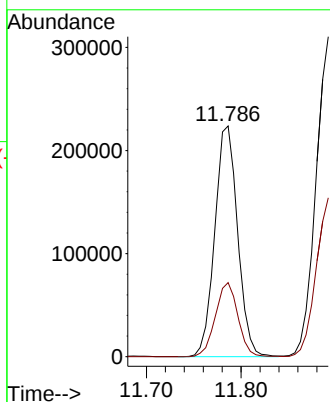
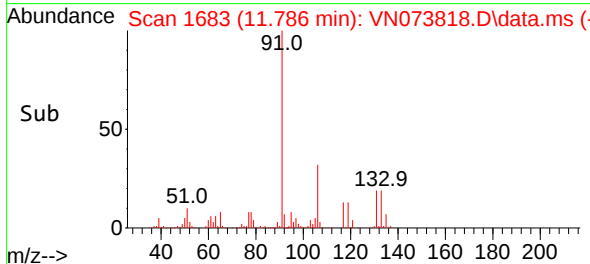
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



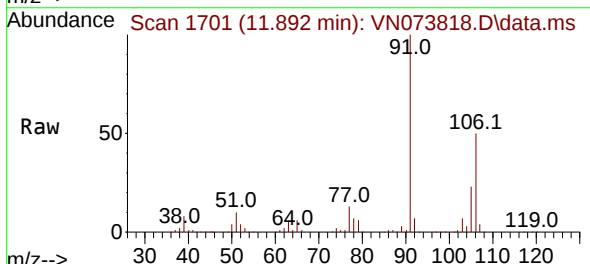
Tgt Ion: 91 Resp: 374922
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

Manual Integrations
APPROVED

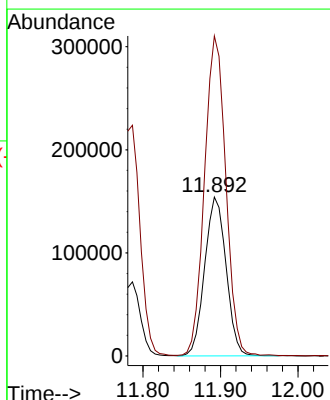
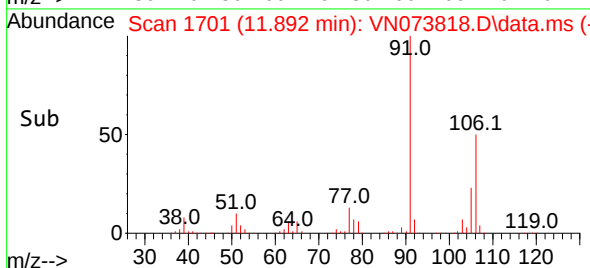
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

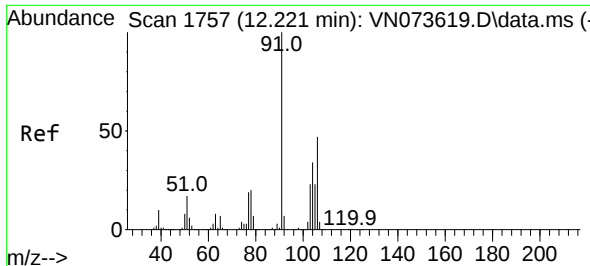


#68
m/p-Xylenes
Concen: 41.868 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21



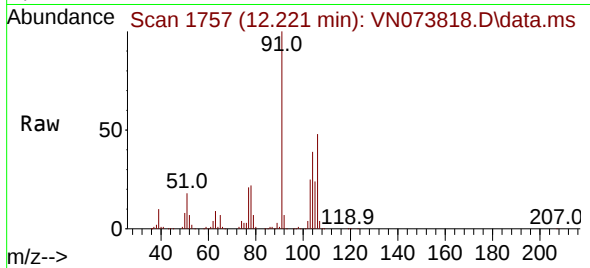
Tgt Ion:106 Resp: 295477
Ion Ratio Lower Upper
106 100
91 200.8 158.9 238.3





#69
o-Xylene
Concen: 21.422 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

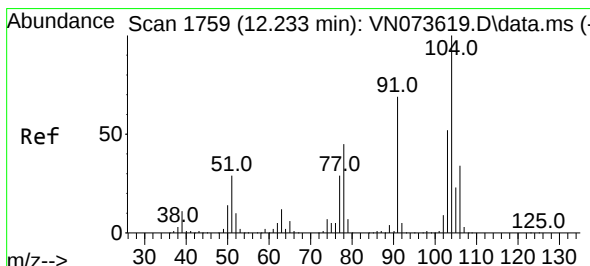
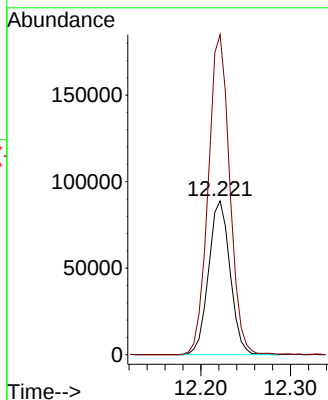
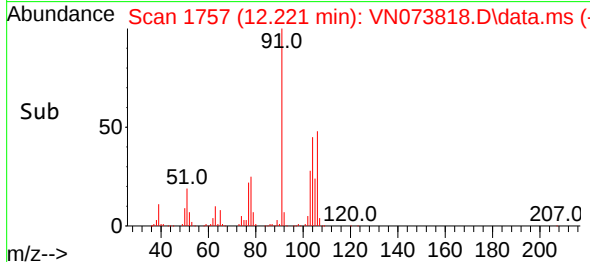
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion:106 Resp: 147390
Ion Ratio Lower Upper
106 100
91 208.9 106.0 318.0

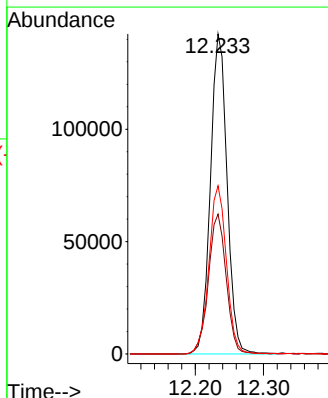
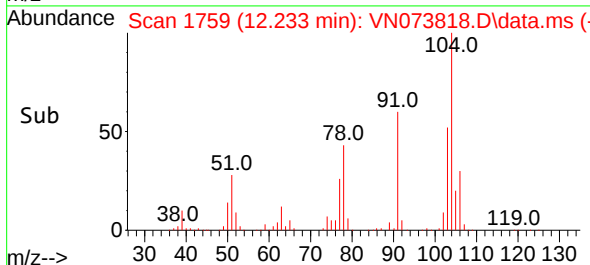
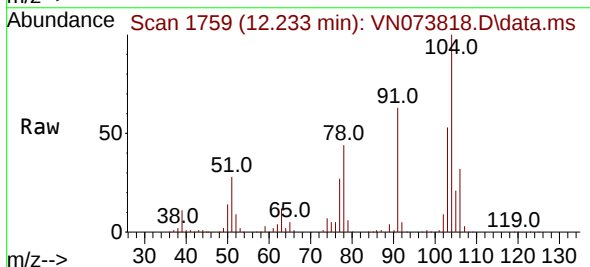
Manual Integrations
APPROVED

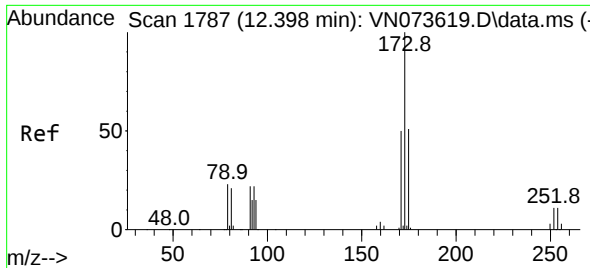
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#70
Styrene
Concen: 22.006 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

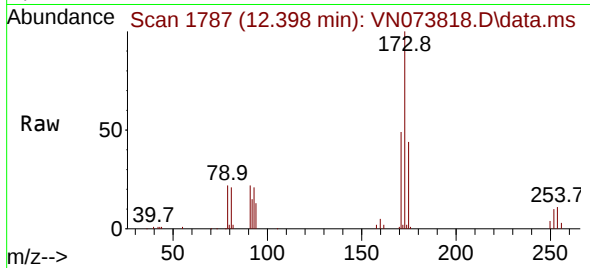
Tgt Ion:104 Resp: 242379
Ion Ratio Lower Upper
104 100
78 46.6 39.5 59.3
103 55.2 44.0 66.0





#71
Bromoform
Concen: 22.682 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

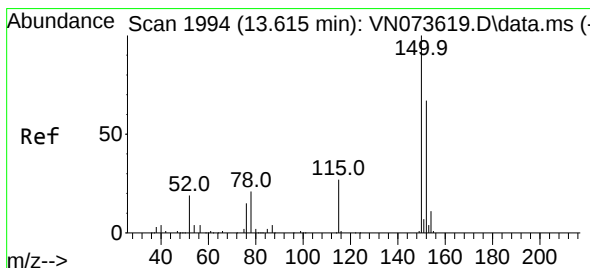
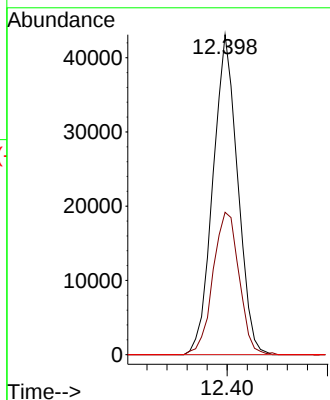
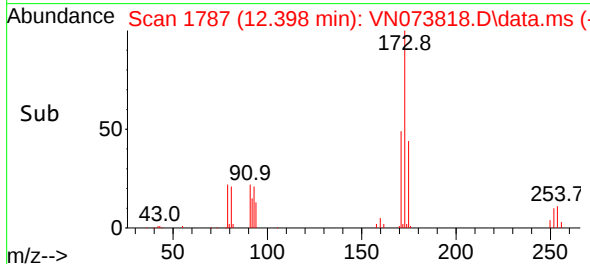
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



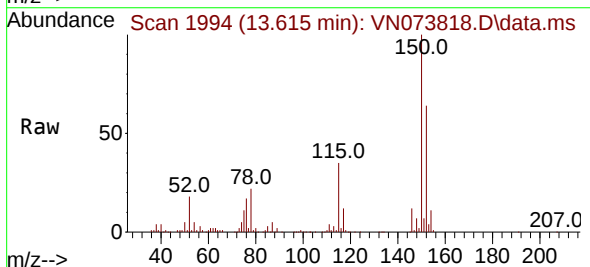
Tgt Ion:173 Resp: 73654
Ion Ratio Lower Upper
173 100
175 47.2 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

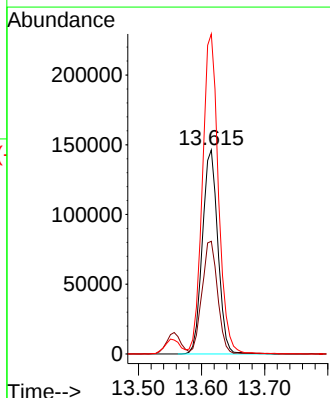
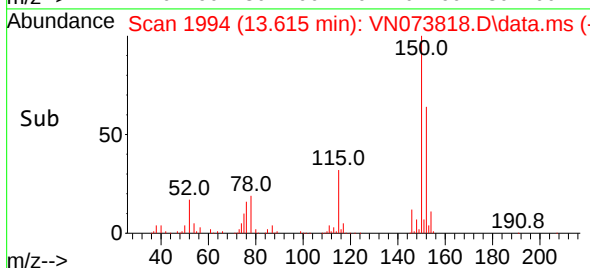
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

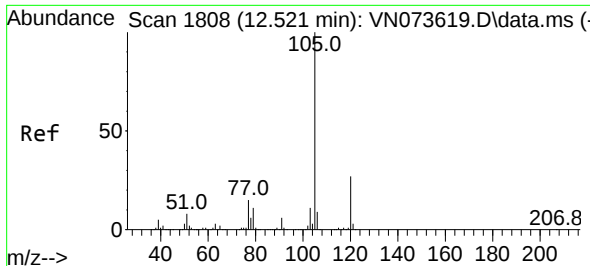


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21



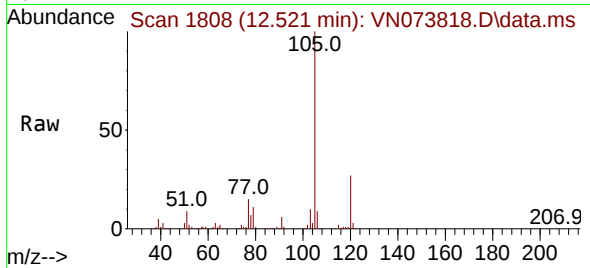
Tgt Ion:152 Resp: 248684
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.7
150 162.5 0.0 356.2





#73
Isopropylbenzene
Concen: 20.527 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

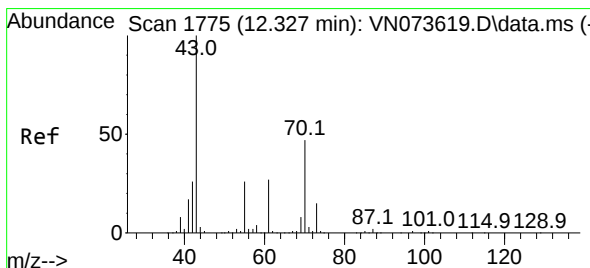
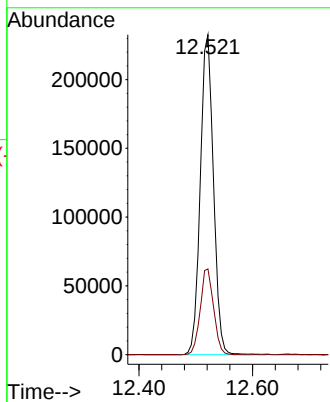
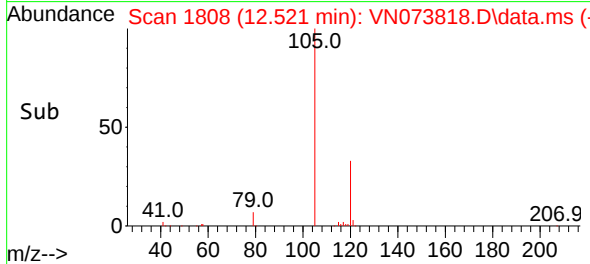
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion:105 Resp: 37368
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

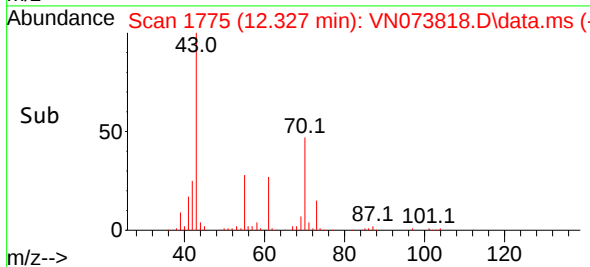
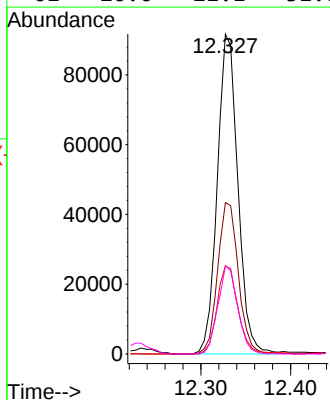
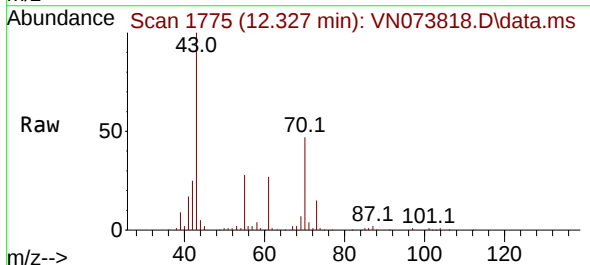
Manual Integrations
APPROVED

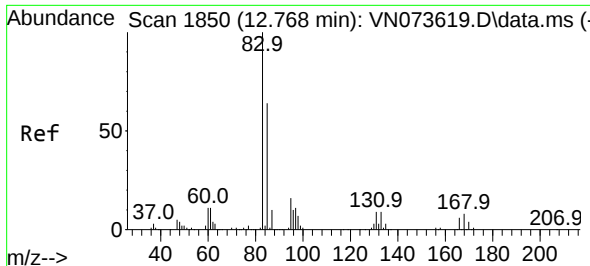
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#74
N-ethyl acetate
Concen: 21.241 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

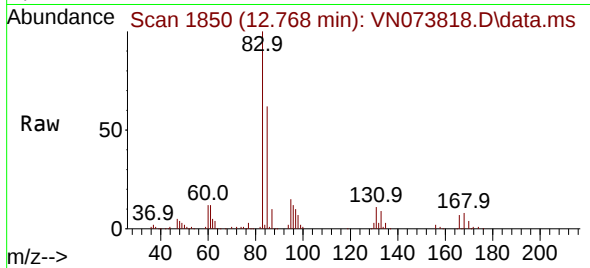
Tgt Ion: 43 Resp: 146099
Ion Ratio Lower Upper
43 100
70 47.6 39.0 58.4
55 28.0 21.1 31.7
61 26.6 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.743 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

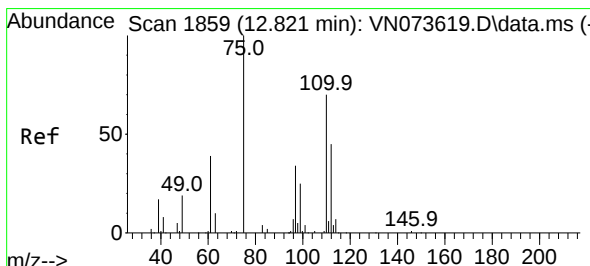
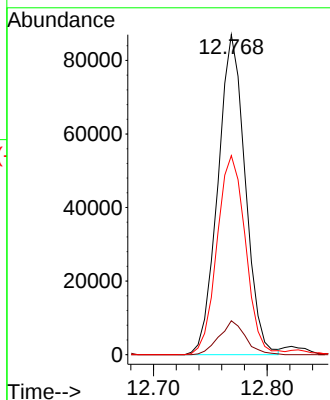
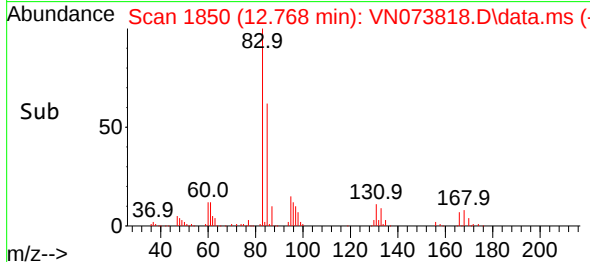
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 83 Resp: 145715
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.9
85 64.8 32.3 96.9

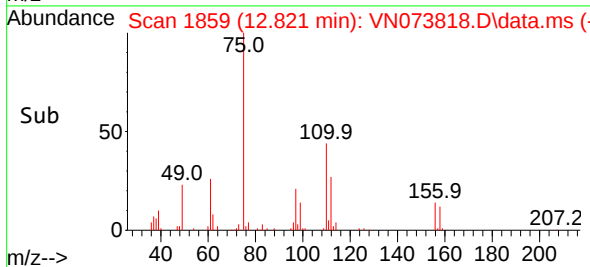
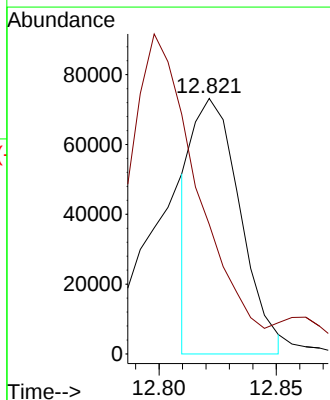
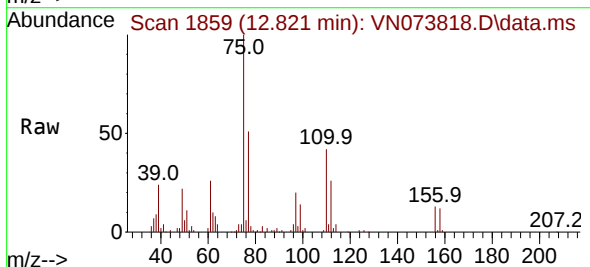
Manual Integrations
APPROVED

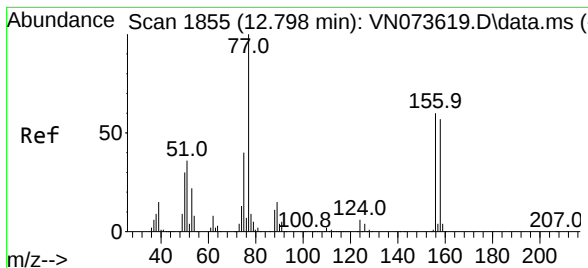
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#76
1,2,3-Trichloropropane
Concen: 20.962 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

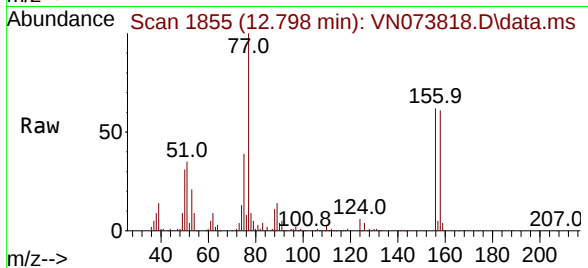
Tgt Ion: 75 Resp: 104024
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 20.551 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

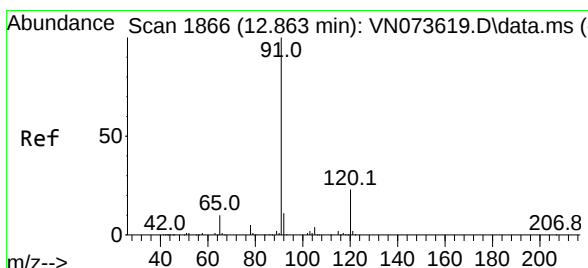
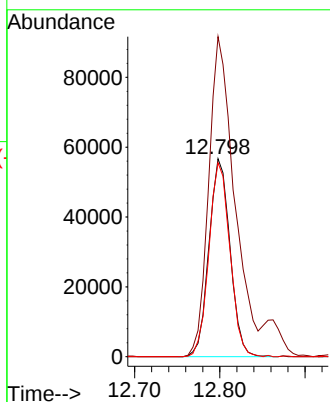
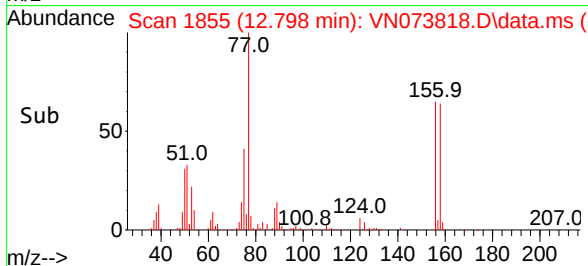
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion:156 Resp: 97425
Ion Ratio Lower Upper
156 100
77 196.4 100.5 301.5
158 97.5 48.9 146.6

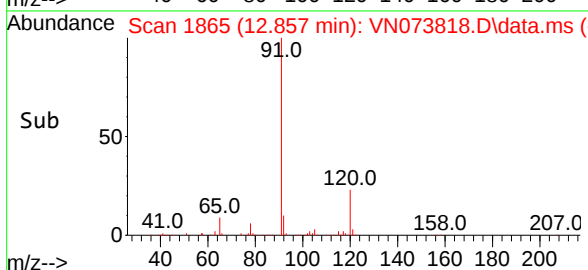
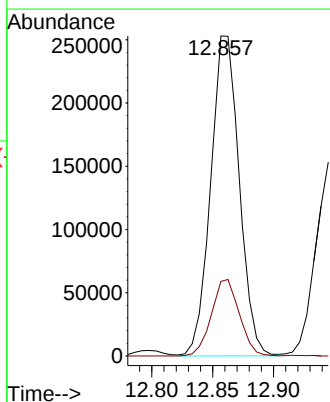
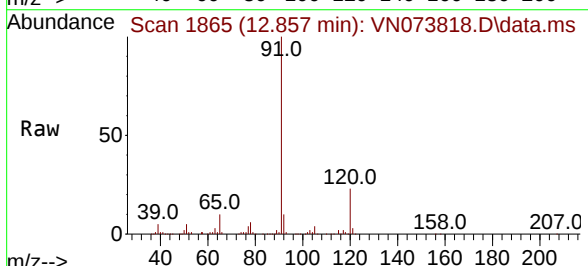
Manual Integrations
APPROVED

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



#78
n-propylbenzene
Concen: 20.176 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

Tgt Ion: 91 Resp: 413266
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5





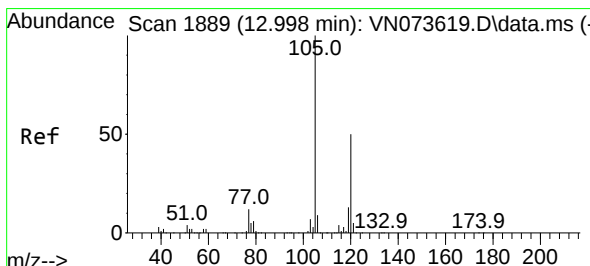
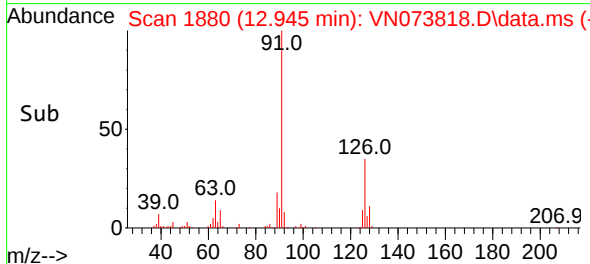
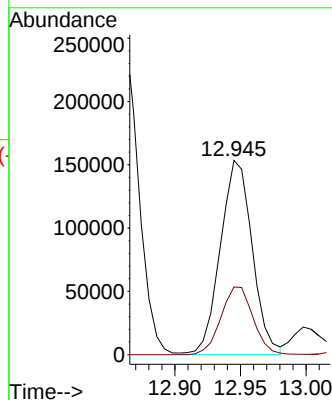
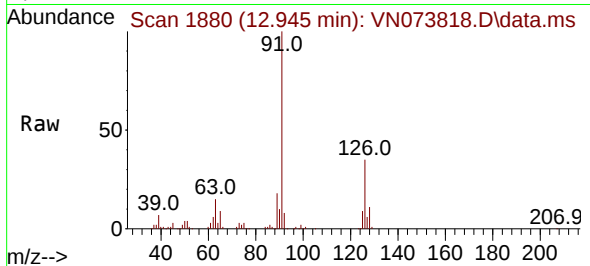
#79
2-Chlorotoluene
Concen: 20.311 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01

Tgt Ion: 91 Resp: 259659
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.9

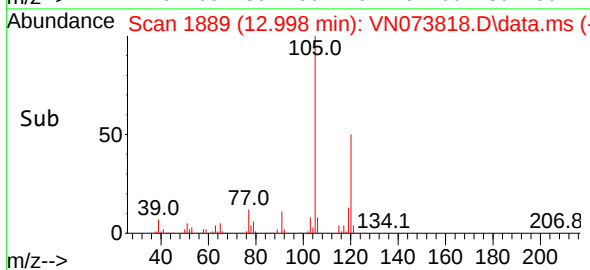
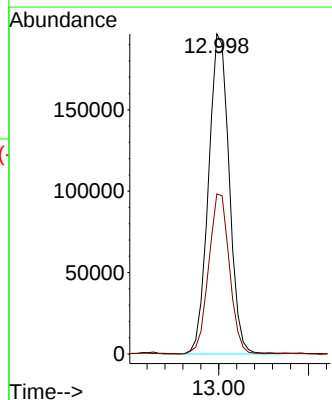
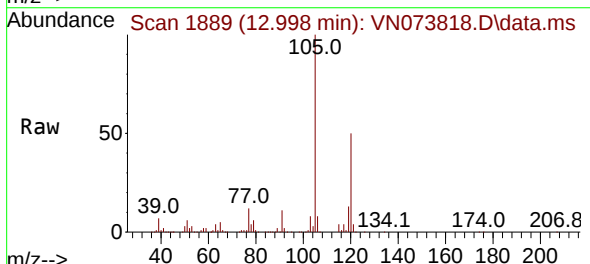
Manual Integrations
APPROVED

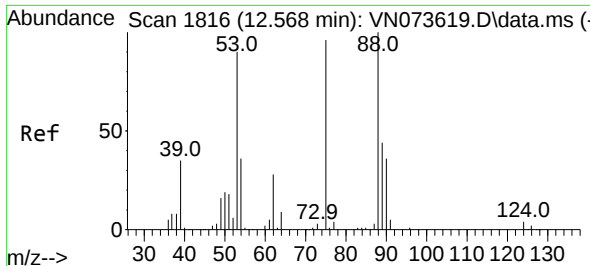
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.000 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

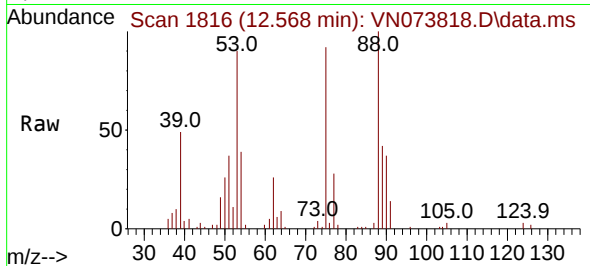
Tgt Ion:105 Resp: 314609
Ion Ratio Lower Upper
105 100
120 50.2 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.362 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

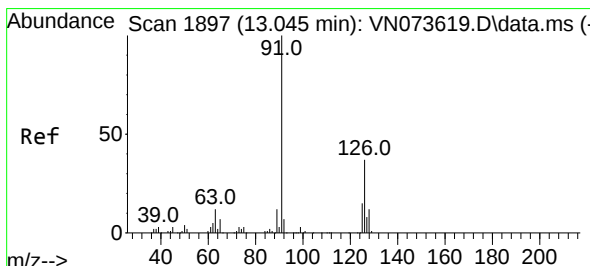
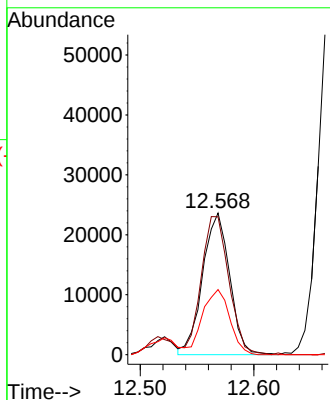
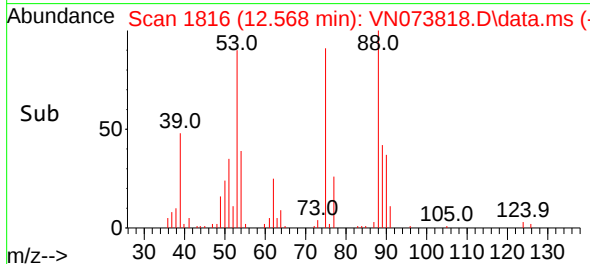
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion: 75 Resp: 3907
Ion Ratio Lower Upper
75 100
53 99.2 78.0 117.0
89 46.2 37.2 55.8

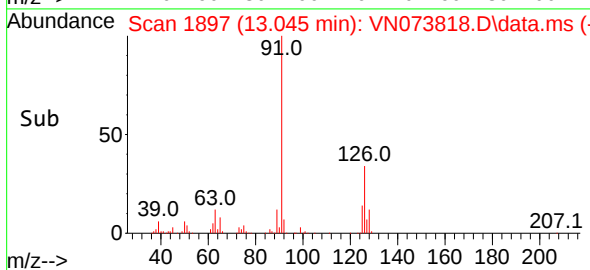
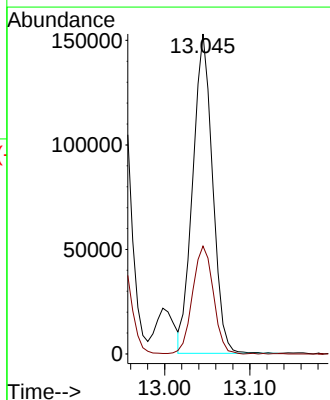
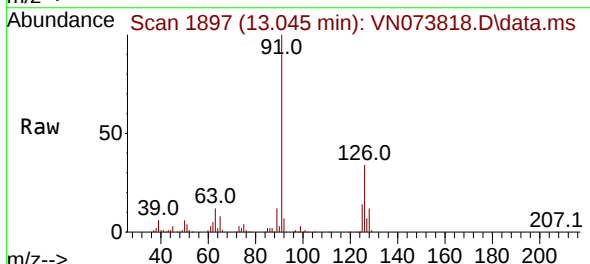
Manual Integrations
APPROVED

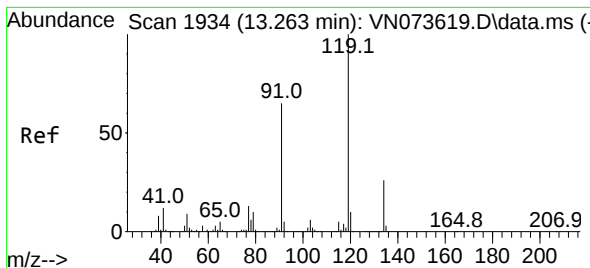
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#82
4-Chlorotoluene
Concen: 20.308 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

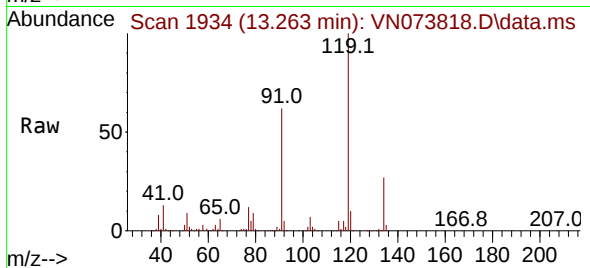
Tgt Ion: 91 Resp: 246060
Ion Ratio Lower Upper
91 100
126 35.5 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.289 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

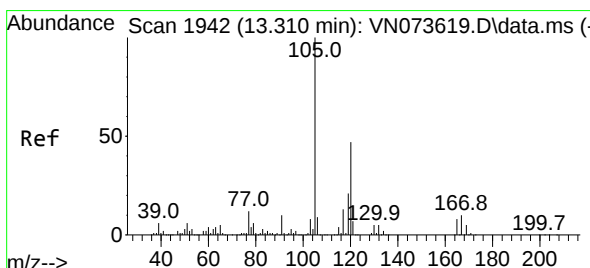
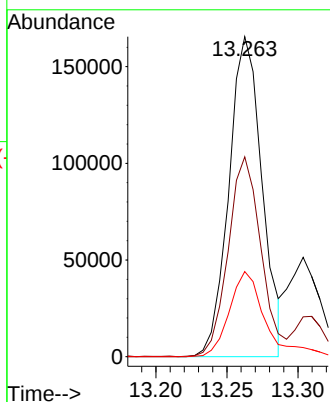
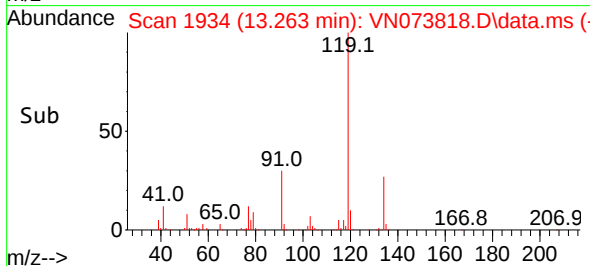
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



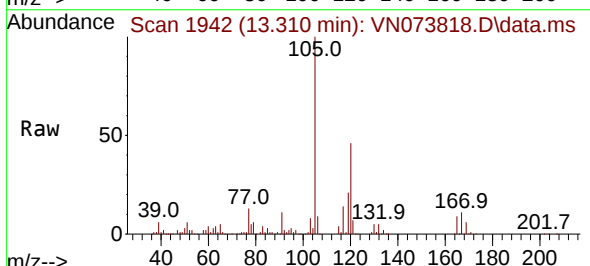
Tgt Ion:119 Resp: 269220
Ion Ratio Lower Upper
119 100
91 62.1 31.6 94.8
134 28.8 13.7 41.1

Manual Integrations
APPROVED

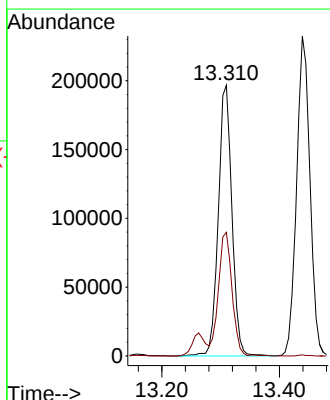
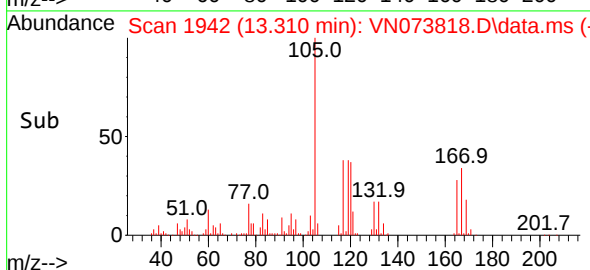
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

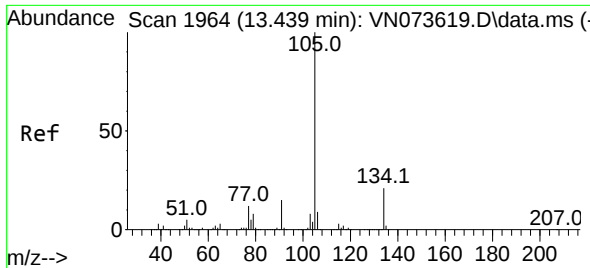


#84
1,2,4-Trimethylbenzene
Concen: 21.497 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21



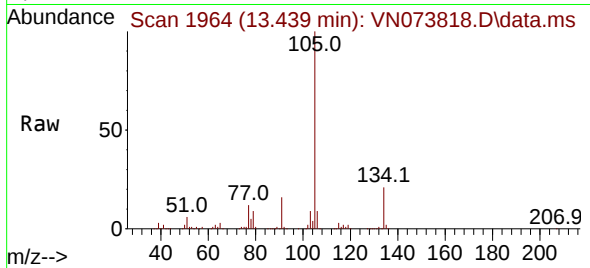
Tgt Ion:105 Resp: 316675
Ion Ratio Lower Upper
105 100
120 44.8 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 20.008 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073818.D
 Acq: 11 Aug 2022 12:21

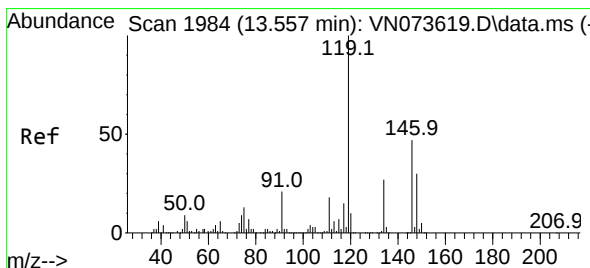
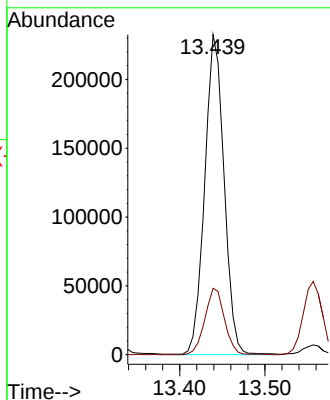
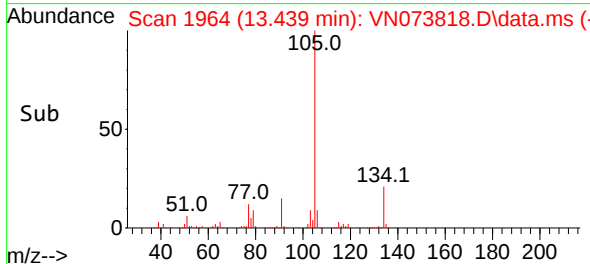
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBSD01



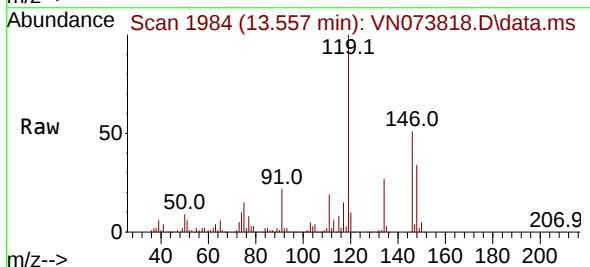
Tgt Ion:105 Resp: 366949
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1

Manual Integrations
 APPROVED

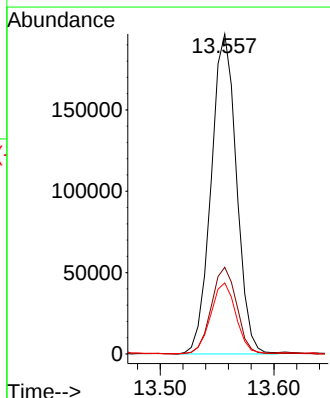
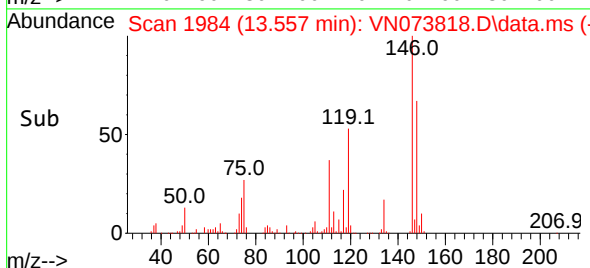
Reviewed By :John Carlone 08/12/2022
 Supervised By :Mahesh Dadoda 08/12/2022

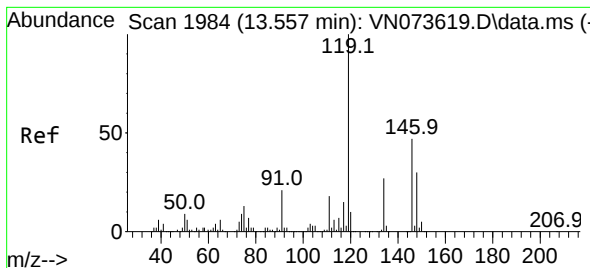


#86
 p-Isopropyltoluene
 Concen: 21.126 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073818.D
 Acq: 11 Aug 2022 12:21



Tgt Ion:119 Resp: 305430
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.3 39.8
 91 22.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 20.011 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN073818.D

Acq: 11 Aug 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

Tgt Ion:146 Resp: 173159

Ion Ratio Lower Upper

146 100

111 38.1 20.0 60.0

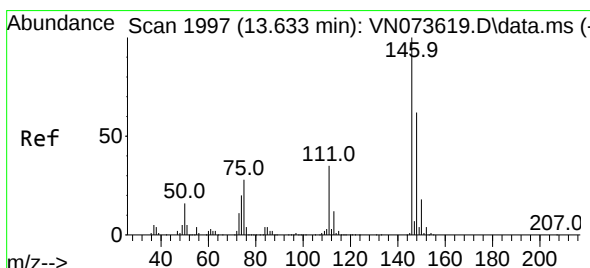
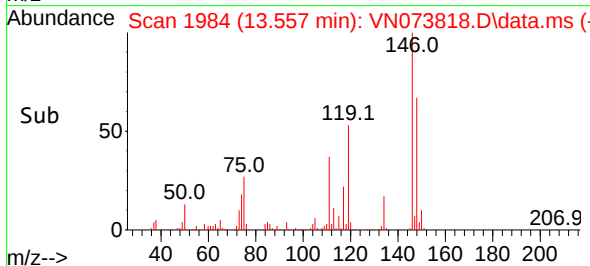
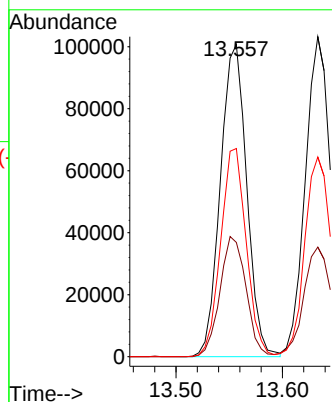
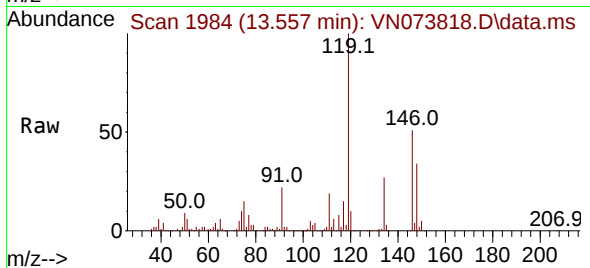
148 64.8 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#88

1,4-Dichlorobenzene

Concen: 20.129 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. -0.000 min

Lab File: VN073818.D

Acq: 11 Aug 2022 12:21

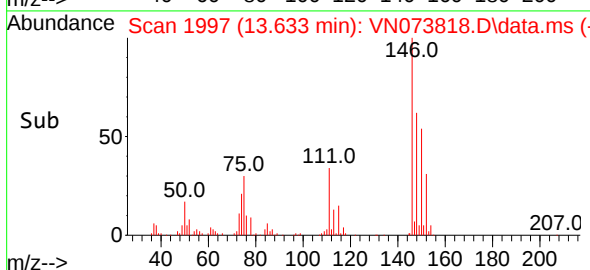
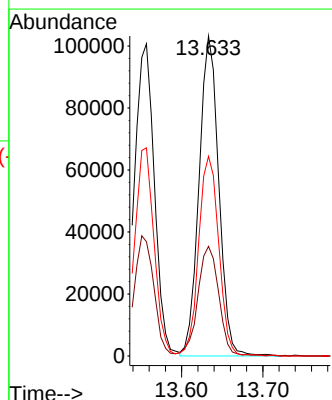
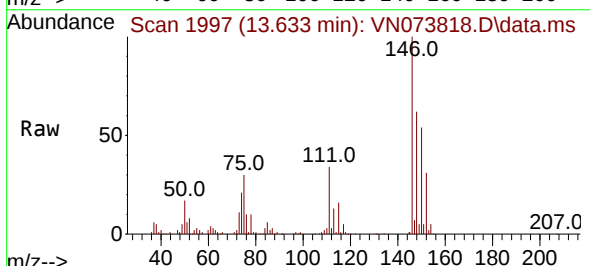
Tgt Ion:146 Resp: 174281

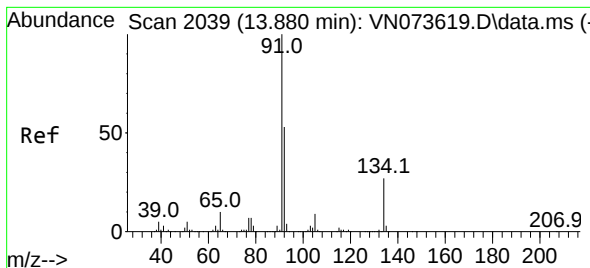
Ion Ratio Lower Upper

146 100

111 36.6 19.1 57.1

148 63.8 31.4 94.3





#89

n-Butylbenzene

Concen: 19.678 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. -0.000 min

Lab File: VN073818.D

Acq: 11 Aug 2022 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBSD01

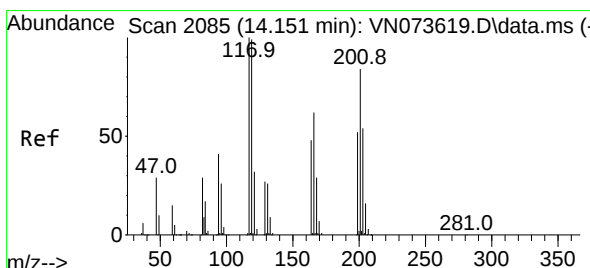
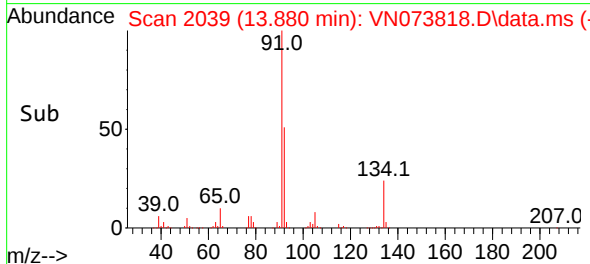
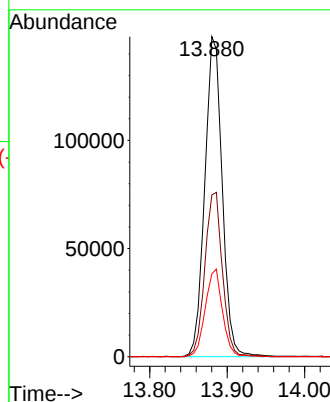
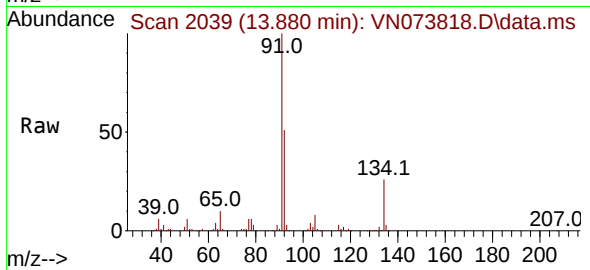
Tgt Ion: 91 Resp: 231490
 Ion Ratio Lower Upper
 91 100
 92 51.6 26.9 80.7
 134 27.0 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2022

Supervised By :Mahesh Dadoda 08/12/2022



#90

Hexachloroethane

Concen: 20.205 ug/l

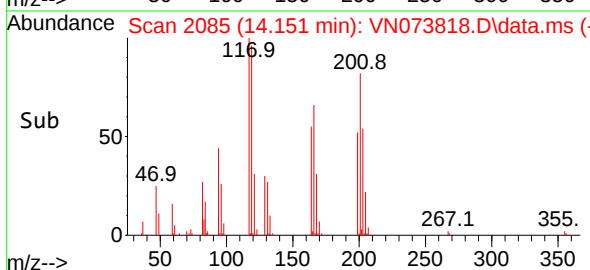
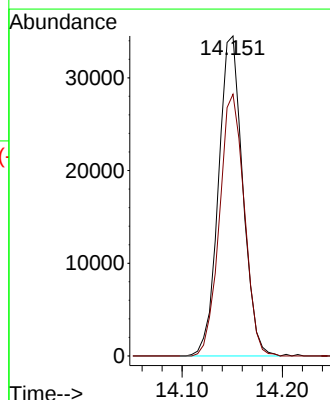
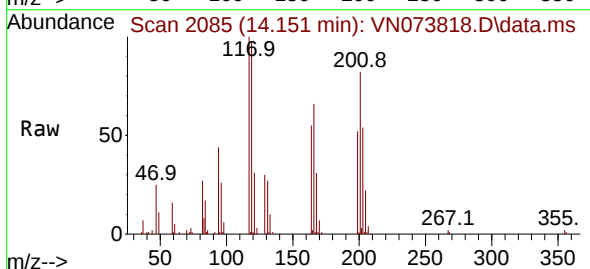
RT: 14.151 min Scan# 2085

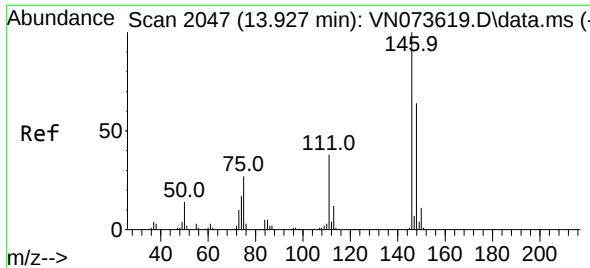
Delta R.T. -0.000 min

Lab File: VN073818.D

Acq: 11 Aug 2022 12:21

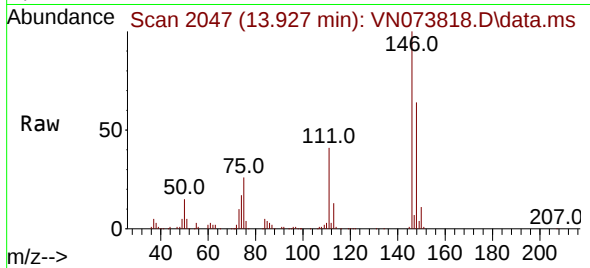
Tgt Ion:117 Resp: 57957
 Ion Ratio Lower Upper
 117 100
 201 83.6 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 20.635 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

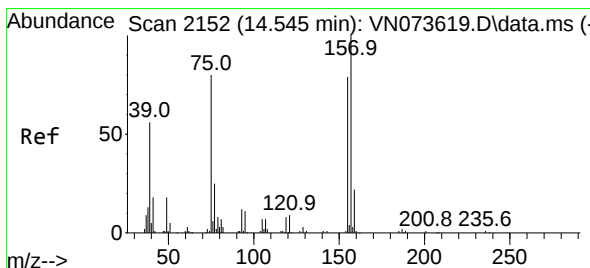
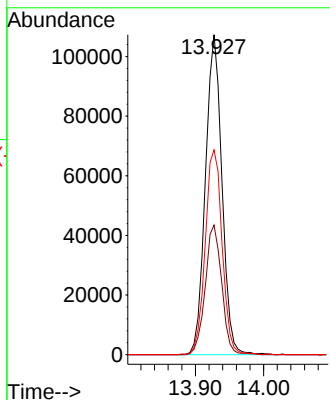
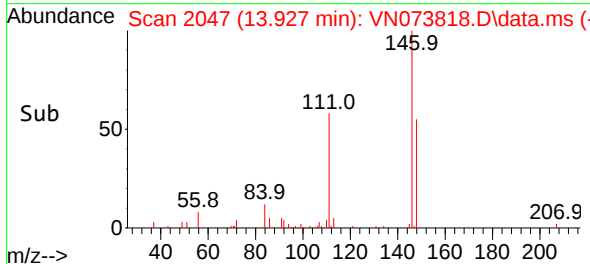
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion:146 Resp: 18094
Ion Ratio Lower Upper
146 100
111 40.3 20.9 62.8
148 65.6 32.1 96.3

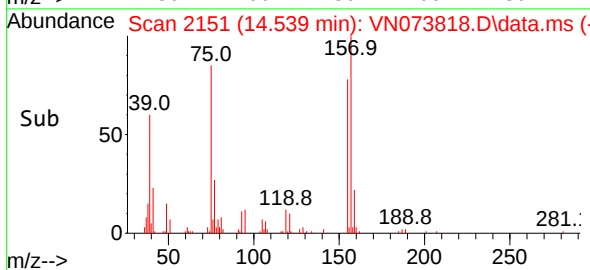
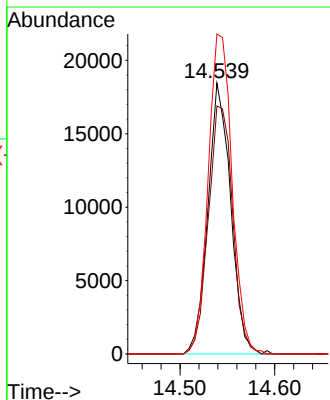
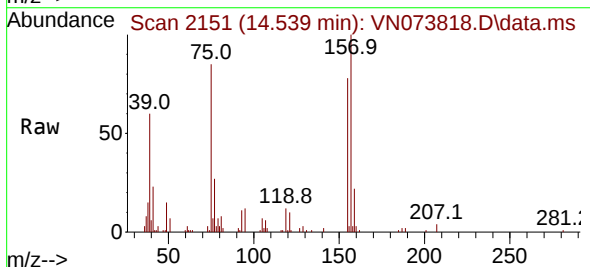
Manual Integrations
APPROVED

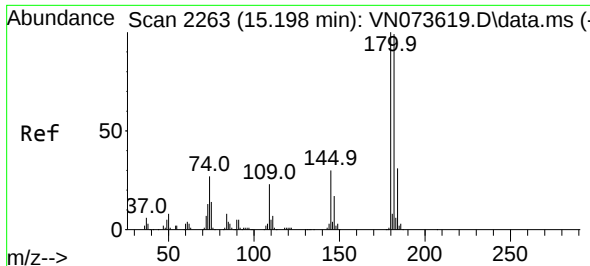
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.867 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

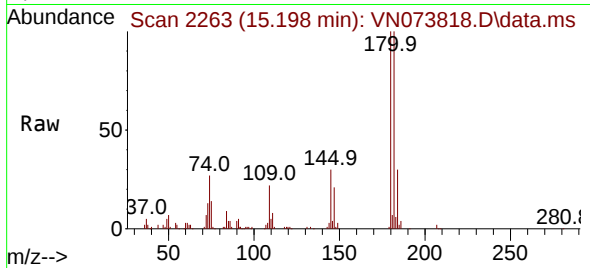
Tgt Ion: 75 Resp: 30863
Ion Ratio Lower Upper
75 100
155 97.3 44.9 134.5
157 124.0 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 21.529 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

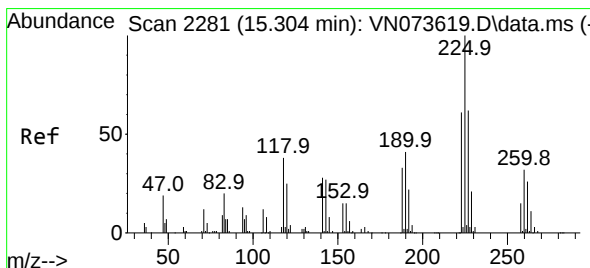
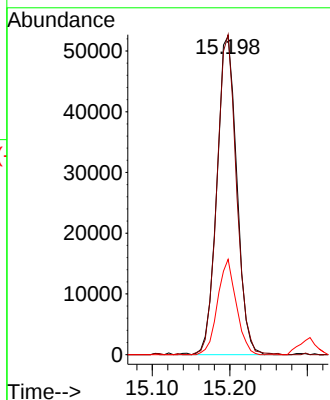
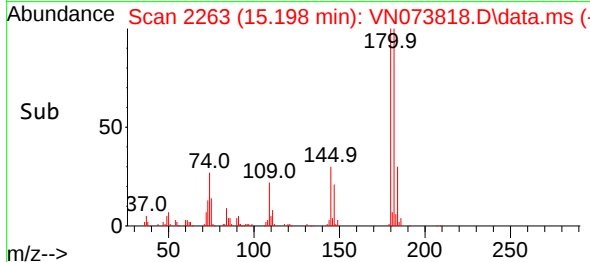
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



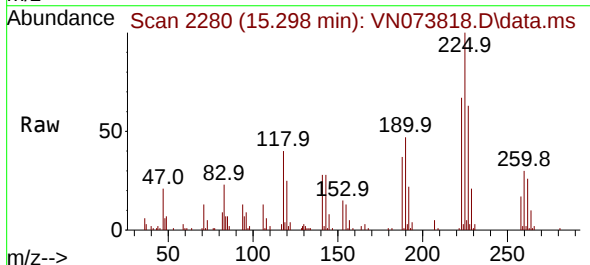
Tgt Ion:180 Resp: 9374
Ion Ratio Lower Upper
180 100
182 98.3 47.5 142.5
145 28.1 14.5 43.5

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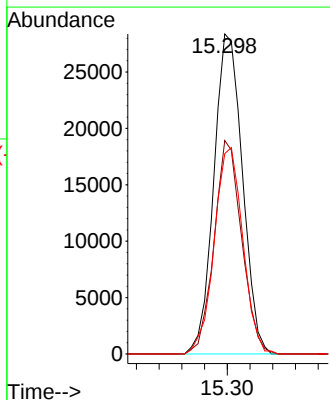
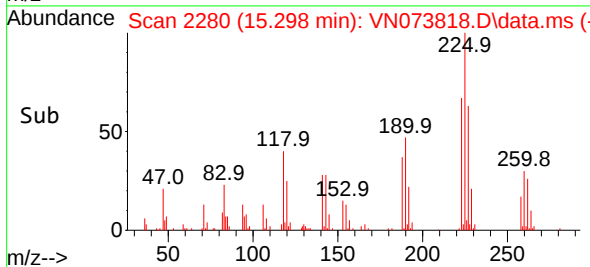
Reviewed By :John Carlone 08/12/2022
Supervised By :Mahesh Dadoda 08/12/2022

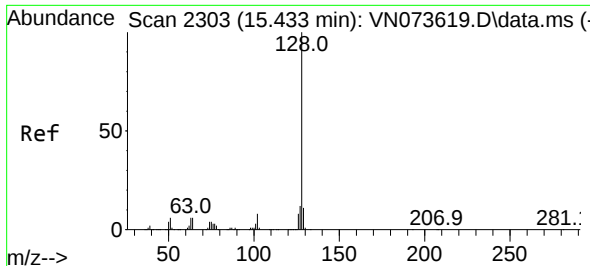


#94
Hexachlorobutadiene
Concen: 20.941 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. -0.006 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21



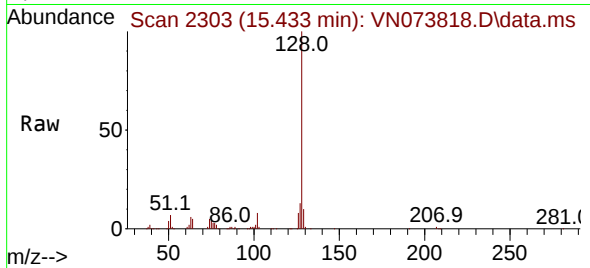
Tgt Ion:225 Resp: 49574
Ion Ratio Lower Upper
225 100
223 64.4 32.4 97.2
227 64.5 31.8 95.4





#95
Naphthalene
Concen: 21.994 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

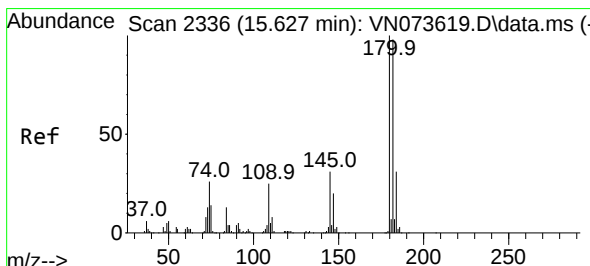
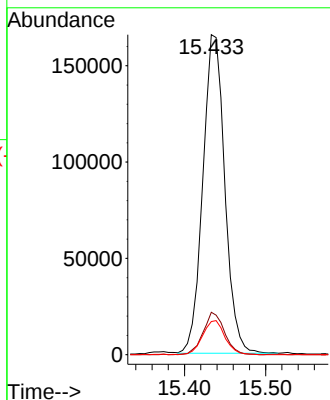
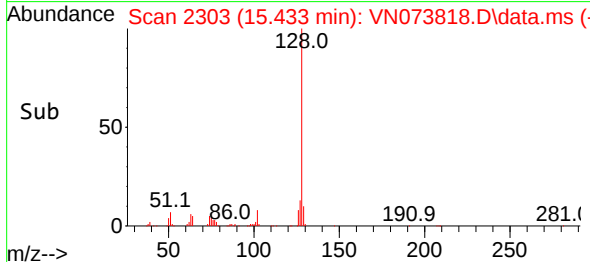
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBSD01



Tgt Ion:128 Resp: 31079
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 22.061 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073818.D
Acq: 11 Aug 2022 12:21

Tgt Ion:180 Resp: 101105
Ion Ratio Lower Upper
180 100
182 97.3 47.8 143.3
145 30.2 15.5 46.5

