

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072922\
 Data File : VN073650.D
 Acq On : 29 Jul 2022 21:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 01 04:10:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2022
 Supervised By : Mahesh Dadoda 08/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	379043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	618833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	578549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	288421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	218223	47.242	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.480%		
35) Dibromofluoromethane	7.951	113	187355	48.214	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.420%		
50) Toluene-d8	10.380	98	749513	49.015	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.040%		
62) 4-Bromofluorobenzene	12.674	95	249682	49.053	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	166770	45.362	ug/l	99
3) Chloromethane	2.269	50	230389	52.253	ug/l	98
4) Vinyl Chloride	2.404	62	293087	45.582	ug/l	99
5) Bromomethane	2.787	94	172038	46.134	ug/l	100
6) Chloroethane	2.957	64	195081	52.107	ug/l	98
7) Trichlorofluoromethane	3.304	101	333877	50.384	ug/l	99
8) Diethyl Ether	3.763	74	115955	46.601	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.134	101	169407	46.207	ug/l	100
10) Methyl Iodide	4.345	142	216297	58.032	ug/l	97
11) Tert butyl alcohol	5.287	59	253046	254.009	ug/l	100
12) 1,1-Dichloroethene	4.110	96	168288	46.795	ug/l	93
13) Acrolein	3.975	56	264440	267.751	ug/l	96
14) Allyl chloride	4.757	41	261578	45.495	ug/l	98
15) Acrylonitrile	5.475	53	683142	247.902	ug/l	99
16) Acetone	4.222	43	555041	223.713	ug/l	100
17) Carbon Disulfide	4.457	76	436593	45.786	ug/l	99
18) Methyl Acetate	4.775	43	298736	48.398	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	620515	50.507	ug/l	99
20) Methylene Chloride	5.010	84	209227	52.227	ug/l	97
21) trans-1,2-Dichloroethene	5.516	96	185750	47.715	ug/l	94
22) Diisopropyl ether	6.416	45	602111	48.540	ug/l	99
23) Vinyl Acetate	6.351	43	2701039	259.715	ug/l	99
24) 1,1-Dichloroethane	6.304	63	356102	46.664	ug/l	98
25) 2-Butanone	7.257	43	927370	240.688	ug/l	100
26) 2,2-Dichloropropane	7.245	77	223373	38.045	ug/l	96
27) cis-1,2-Dichloroethene	7.245	96	232119	48.394	ug/l	93
28) Bromochloromethane	7.586	49	153629	47.946	ug/l	99
29) Tetrahydrofuran	7.610	42	610665	250.678	ug/l	98
30) Chloroform	7.745	83	379233	47.697	ug/l	98
31) Cyclohexane	8.022	56	312927	45.503	ug/l	100
32) 1,1,1-Trichloroethane	7.939	97	324512	49.155	ug/l	98
36) 1,1-Dichloropropene	8.151	75	267715	48.339	ug/l	99
37) Ethyl Acetate	7.339	43	358058	49.091	ug/l	98
38) Carbon Tetrachloride	8.133	117	273727	48.663	ug/l	98
39) Methylcyclohexane	9.392	83	331814	50.137	ug/l	96
40) Benzene	8.392	78	868147	48.272	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	145267	44.014	ug/l	91
42) 1,2-Dichloroethane	8.463	62	287402	47.417	ug/l	100
43) Isopropyl Acetate	8.492	43	499677	50.720	ug/l	99
44) Trichloroethene	9.151	130	216762	47.528	ug/l	96
45) 1,2-Dichloropropane	9.427	63	216765	48.221	ug/l	98
46) Dibromomethane	9.516	93	154136	49.404	ug/l	98
47) Bromodichloromethane	9.698	83	295560	49.358	ug/l	98
48) Methyl methacrylate	9.498	41	222081	51.500	ug/l	93
49) 1,4-Dioxane	9.510	88	125521	1032.597	ug/l	96
51) 4-Methyl-2-Pentanone	10.269	43	1821965	257.852	ug/l	100
52) Toluene	10.445	92	560194	50.996	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	306801	51.863	ug/l	96
54) cis-1,3-Dichloropropene	10.127	75	333702	50.059	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	232271	50.705	ug/l	99
56) Ethyl methacrylate	10.704	69	364011	57.655	ug/l	99
57) 1,3-Dichloropropane	10.986	76	383062	49.287	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	817473	244.889	ug/l	98
59) 2-Hexanone	11.027	43	1431306	267.362	ug/l	100
60) Dibromochloromethane	11.180	129	242550	53.223	ug/l	100
61) 1,2-Dibromoethane	11.286	107	243525	51.617	ug/l	100
64) Tetrachloroethene	10.916	164	213559	46.447	ug/l	99
65) Chlorobenzene	11.710	112	605442	49.268	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	227178	51.541	ug/l	99
67) Ethyl Benzene	11.786	91	1076375	51.919	ug/l	100
68) m/p-Xylenes	11.892	106	834088	105.485	ug/l	99
69) o-Xylene	12.221	106	416966	54.089	ug/l	98
70) Styrene	12.233	104	694215	56.256	ug/l	98
71) Bromoform	12.398	173	194223	53.385	ug/l	100
73) Isopropylbenzene	12.521	105	1075536	50.941	ug/l	100
74) N-amyl acetate	12.327	43	430593	53.978	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	367187	45.069	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	274052m	51.997	ug/l	
77) Bromobenzene	12.798	156	268679	48.867	ug/l	97
78) n-propylbenzene	12.863	91	1224675	51.552	ug/l	100
79) 2-Chlorotoluene	12.945	91	727130	49.041	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	898383	51.706	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	109156	49.046	ug/l	97
82) 4-Chlorotoluene	13.045	91	699930	49.808	ug/l	96
83) tert-Butylbenzene	13.262	119	830239	53.947	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	911527	53.354	ug/l	100
85) sec-Butylbenzene	13.439	105	1127979	53.030	ug/l	99
86) p-Isopropyltoluene	13.557	119	936621	55.858	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	483558	48.182	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	481034	47.905	ug/l	98
89) n-Butylbenzene	13.880	91	726655	53.261	ug/l	99
90) Hexachloroethane	14.151	117	165460	49.734	ug/l	100
91) 1,2-Dichlorobenzene	13.927	146	498819	49.049	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	81356	49.700	ug/l	91
93) 1,2,4-Trichlorobenzene	15.198	180	278100	55.066	ug/l	99
94) Hexachlorobutadiene	15.304	225	134327	48.925	ug/l	100
95) Naphthalene	15.439	128	963800	58.809	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	286482	53.897	ug/l	99

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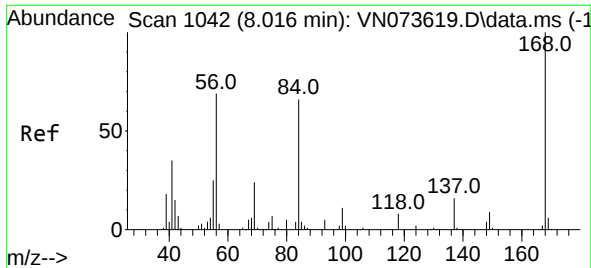
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/01/2022

Quant Time: Aug 01 04:10:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration

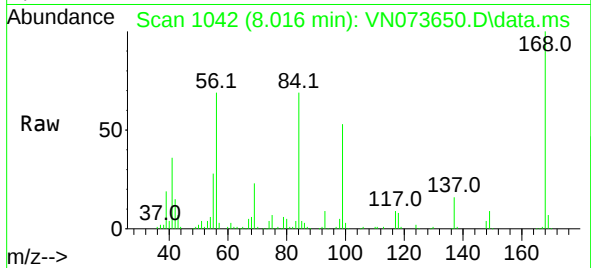
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073650.D
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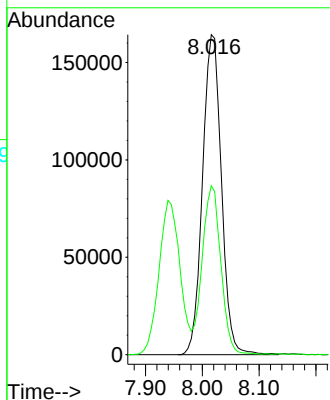
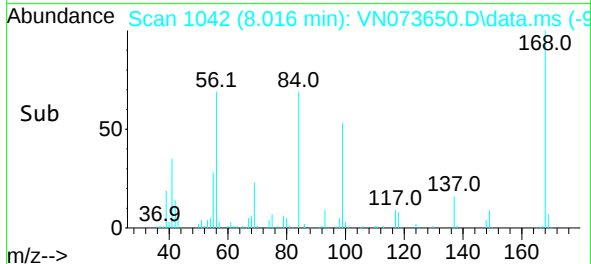
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 37904
Ion Ratio Lower Upper
168 100
99 52.5 42.3 63.5

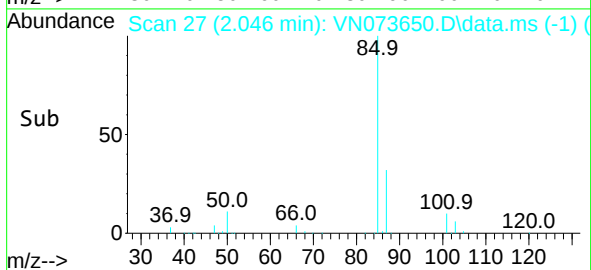
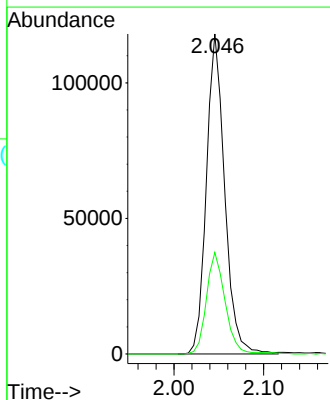
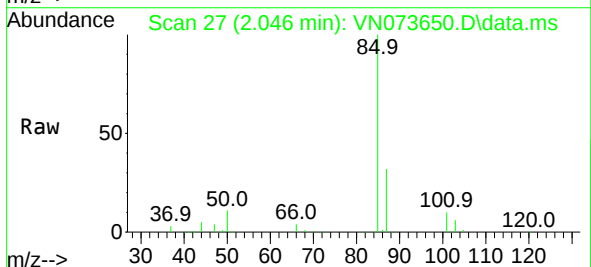
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 45.362 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

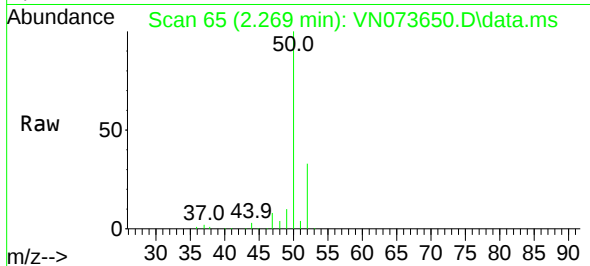
Tgt Ion: 85 Resp: 166770
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.1





#3
Chloromethane
Concen: 52.253 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

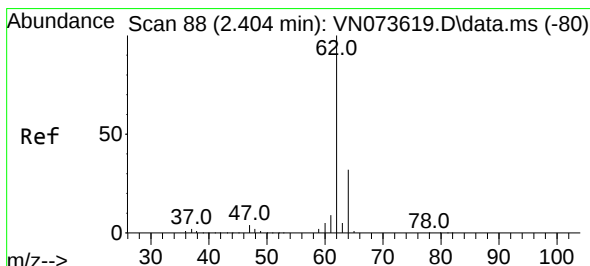
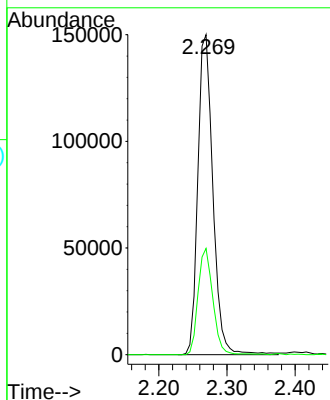
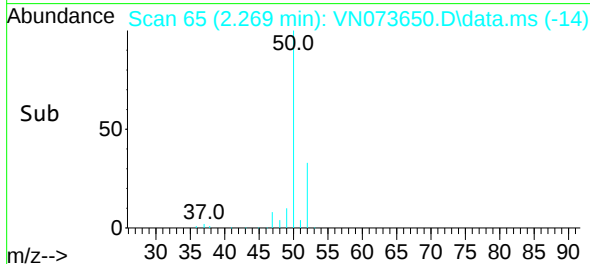
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 230389
Ion Ratio Lower Upper
50 100
52 33.2 25.7 38.5

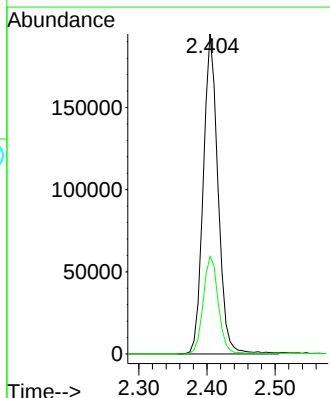
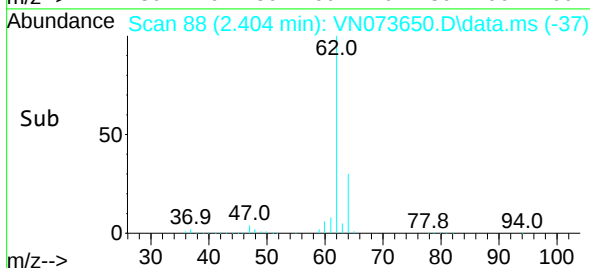
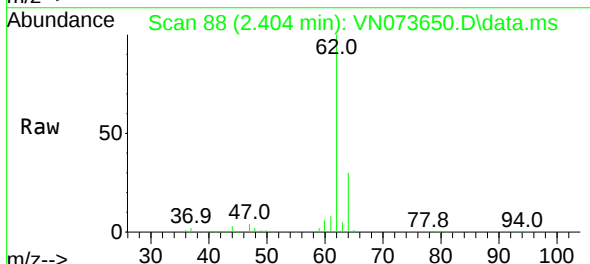
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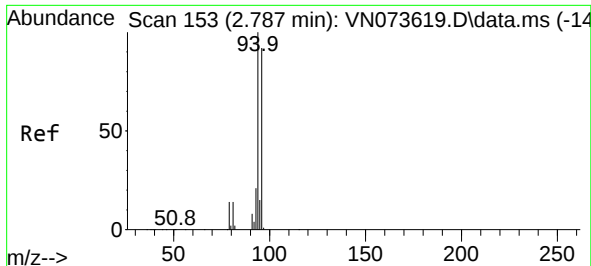
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#4
Vinyl Chloride
Concen: 45.582 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

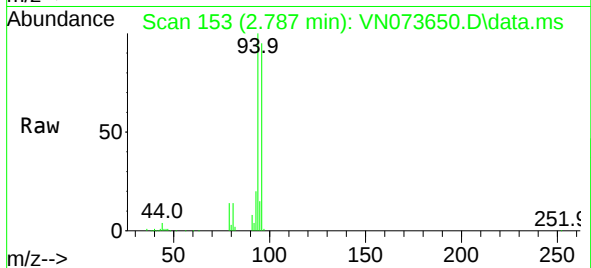
Tgt Ion: 62 Resp: 293087
Ion Ratio Lower Upper
62 100
64 30.5 25.0 37.4





#5
Bromomethane
Concen: 46.134 ug/l
RT: 2.787 min Scan# 153
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

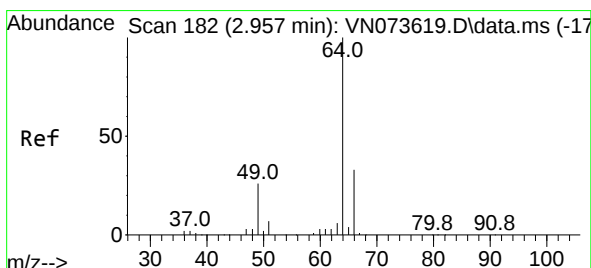
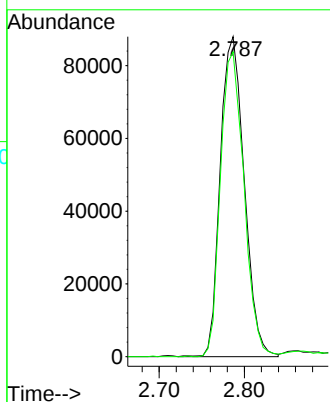
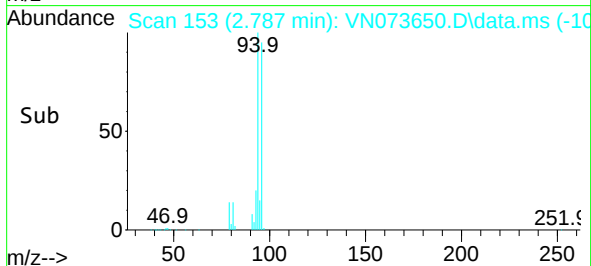
Instrument :
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Tgt Ion: 94 Resp: 172038
Ion Ratio Lower Upper
94 100
96 95.2 76.0 114.0

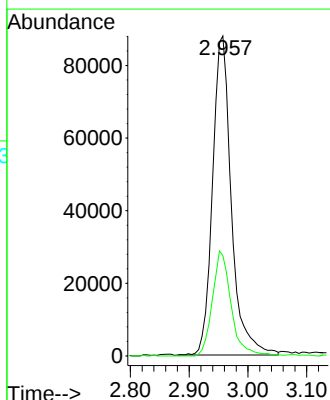
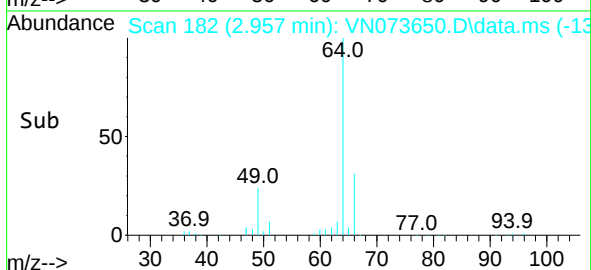
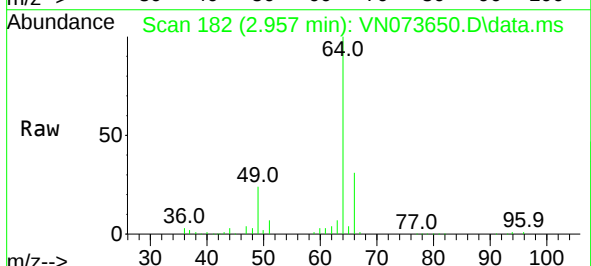
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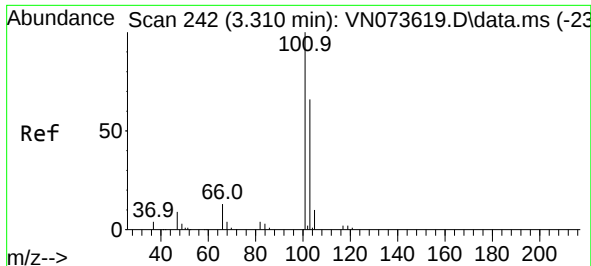
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#6
Chloroethane
Concen: 52.107 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

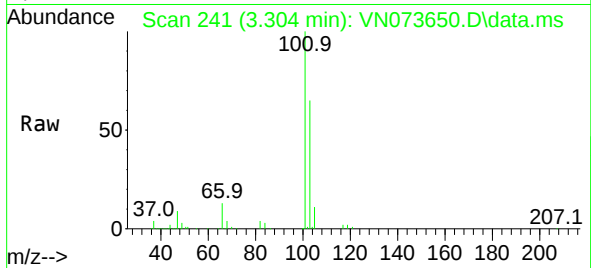
Tgt Ion: 64 Resp: 195081
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 50.384 ug/l
 RT: 3.304 min Scan# 242
 Delta R.T. -0.006 min
 Lab File: VN073650.D
 Acq: 29 Jul 2022 21:29

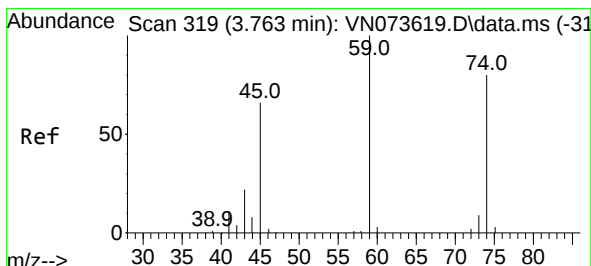
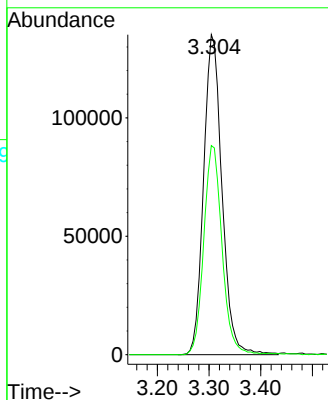
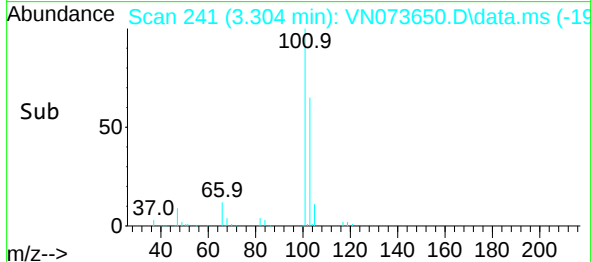
Instrument :
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 VSTDCCC050EC



Tgt Ion:101 Resp: 33387
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.5 77.3

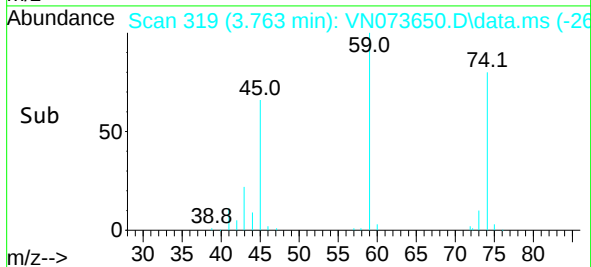
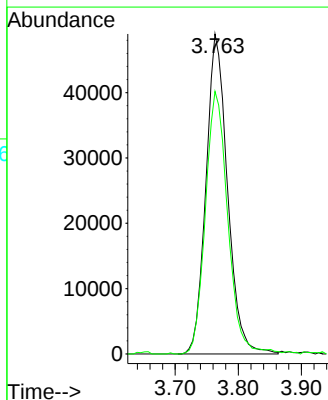
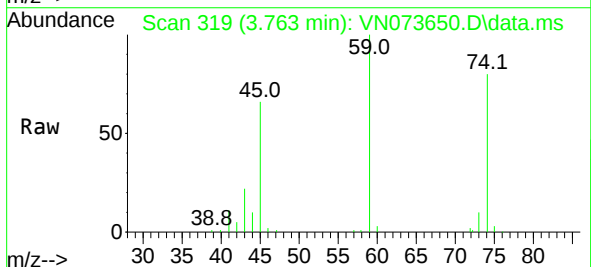
Manual Integrations
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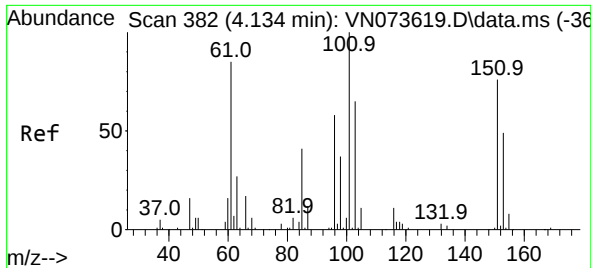
Reviewed By :John Carlone 08/01/2022
 Supervised By :Mahesh Dadoda 08/01/2022



#8
 Diethyl Ether
 Concen: 46.601 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VN073650.D
 Acq: 29 Jul 2022 21:29

Tgt Ion: 74 Resp: 115955
 Ion Ratio Lower Upper
 74 100
 45 85.3 42.9 128.5





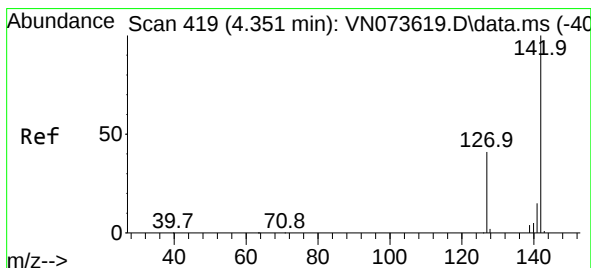
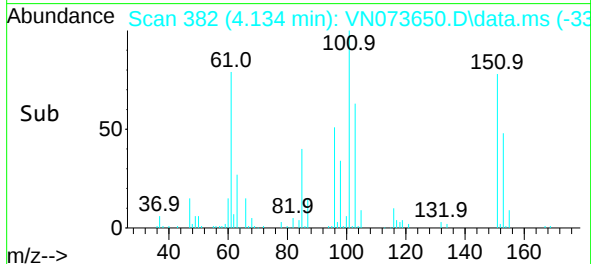
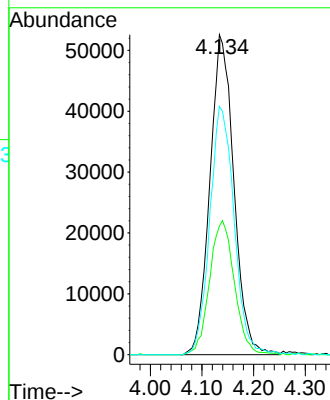
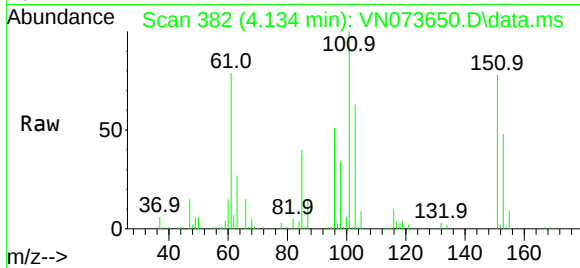
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.207 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN073650.D
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Instrument :
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Tgt Ion:101 Resp: 16940
Ion Ratio Lower Upper
101 100
85 43.5 34.7 52.1
151 79.0 63.0 94.4

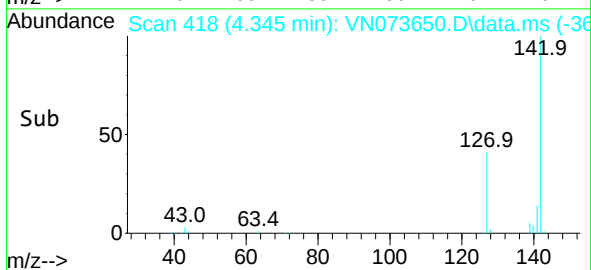
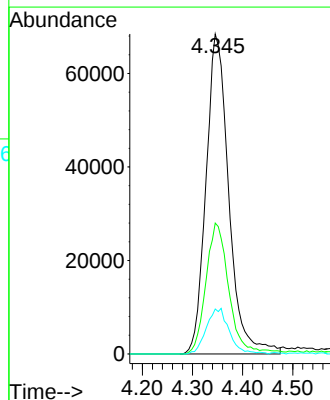
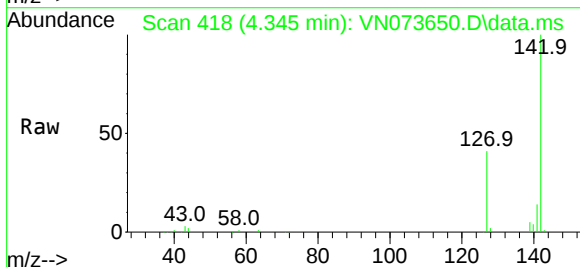
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#10
Methyl Iodide
Concen: 58.032 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

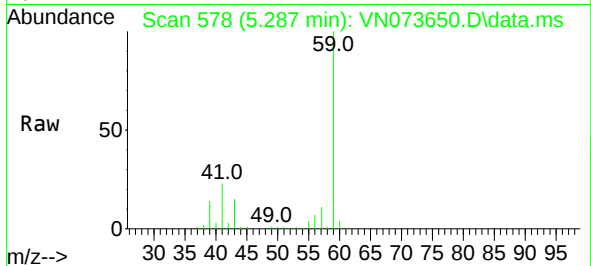
Tgt Ion:142 Resp: 216297
Ion Ratio Lower Upper
142 100
127 41.3 31.3 46.9
141 14.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 254.009 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.005 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

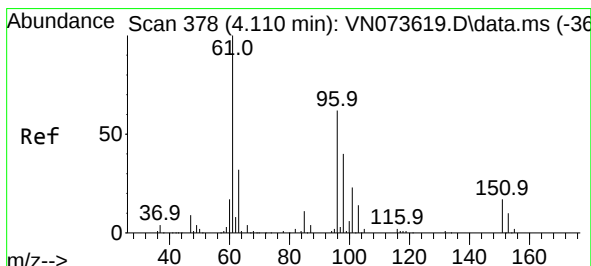
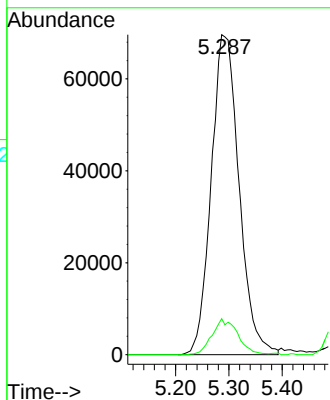
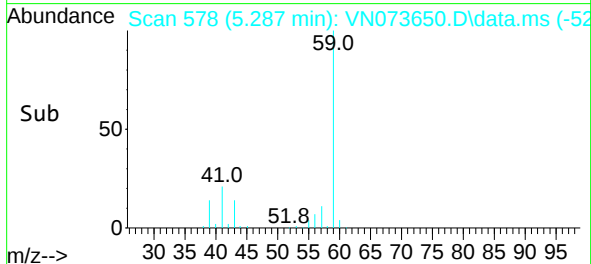
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 253040
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

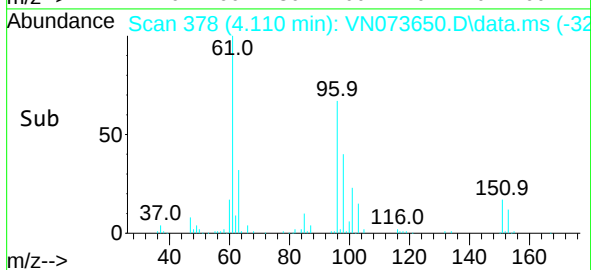
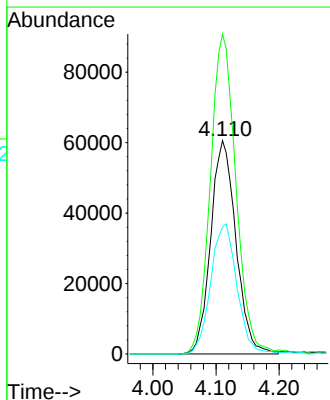
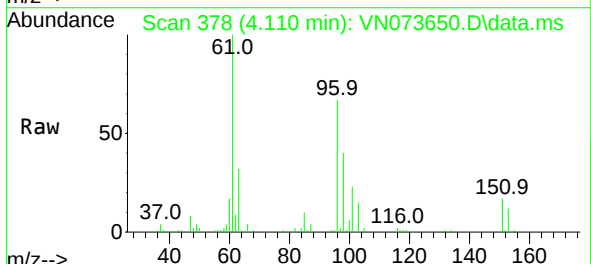
Manual Integrations
APPROVED

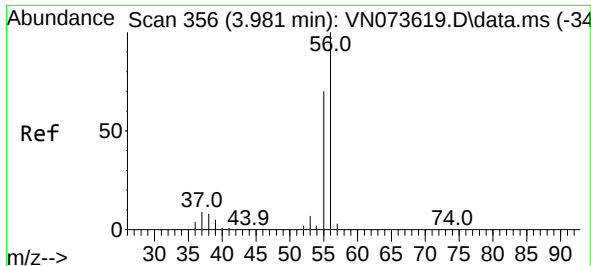
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#12
1,1-Dichloroethene
Concen: 46.795 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

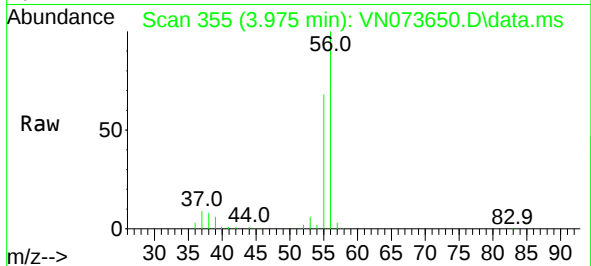
Tgt Ion: 96 Resp: 168288
Ion Ratio Lower Upper
96 100
61 150.0 127.6 191.4
98 59.5 51.2 76.8





#13
Acrolein
Concen: 267.751 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.006 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

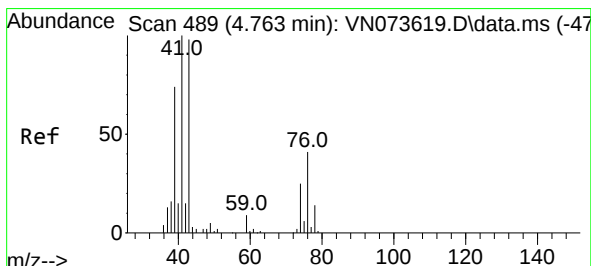
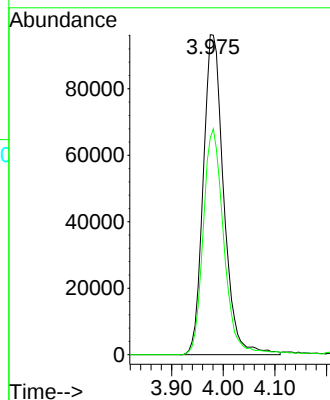
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 264440
Ion Ratio Lower Upper
56 100
55 71.4 54.8 82.2

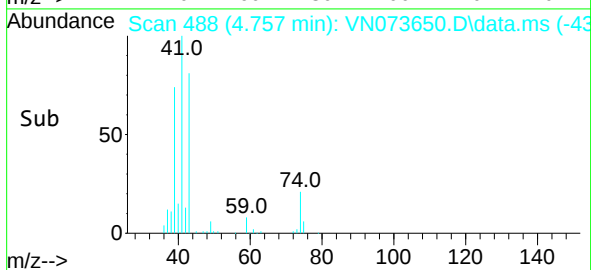
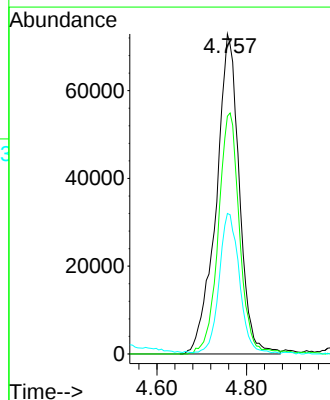
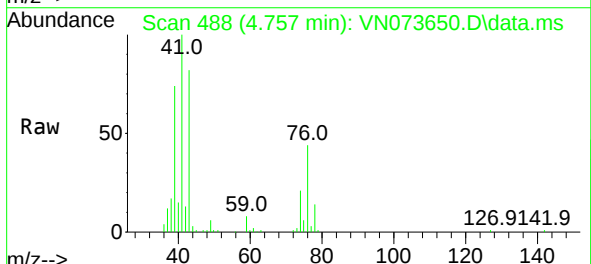
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#14
Allyl chloride
Concen: 45.495 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

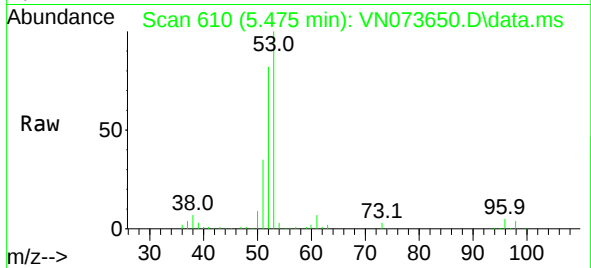
Tgt Ion: 41 Resp: 261578
Ion Ratio Lower Upper
41 100
39 69.0 53.2 79.8
76 38.1 29.9 44.9





#15
Acrylonitrile
Concen: 247.902 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

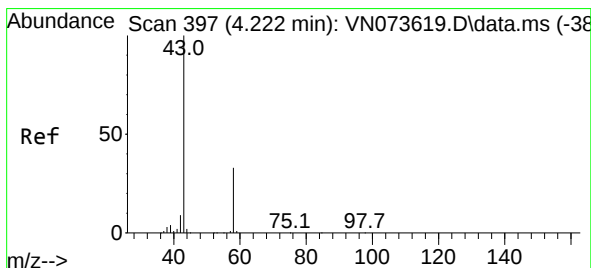
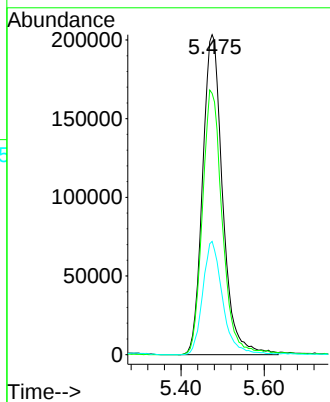
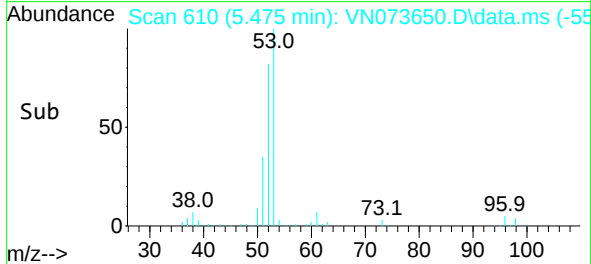
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 68314
Ion Ratio Lower Upper
53 100
52 82.6 66.4 99.6
51 35.2 28.5 42.7

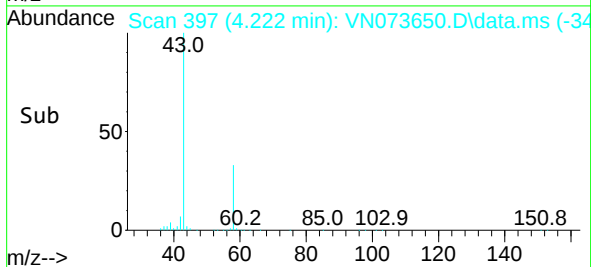
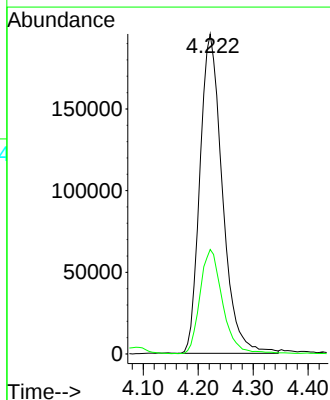
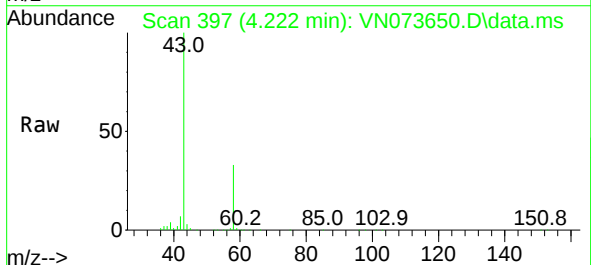
Manual Integrations
APPROVED

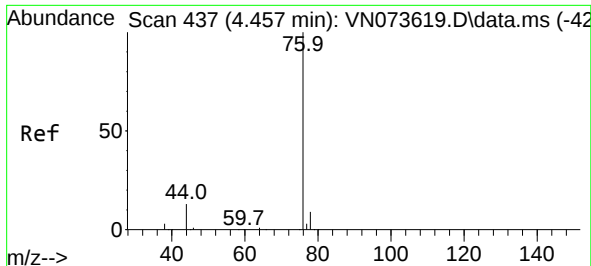
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#16
Acetone
Concen: 223.713 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

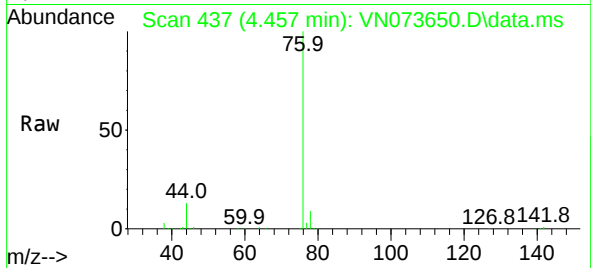
Tgt Ion: 43 Resp: 555041
Ion Ratio Lower Upper
43 100
58 32.6 26.0 39.0





#17
Carbon Disulfide
Concen: 45.786 ug/l
RT: 4.457 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

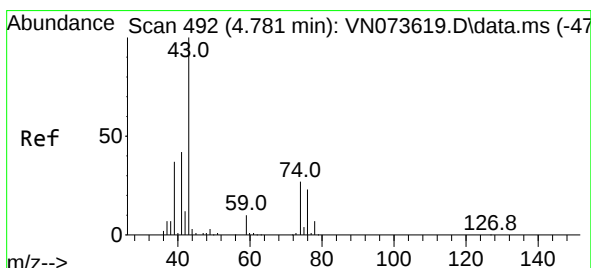
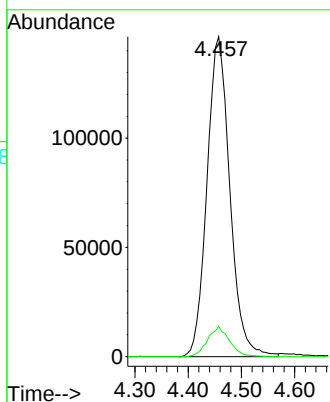
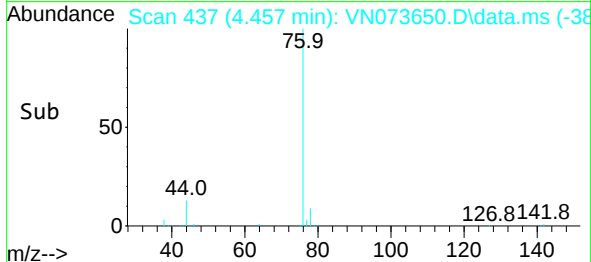
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



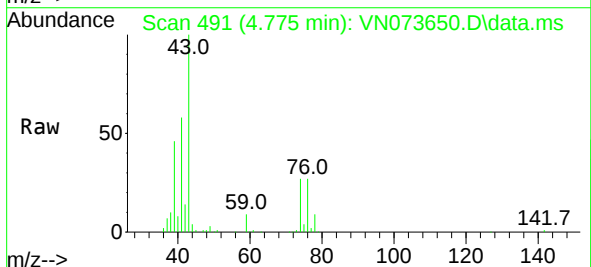
Tgt Ion: 76 Resp: 43659
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

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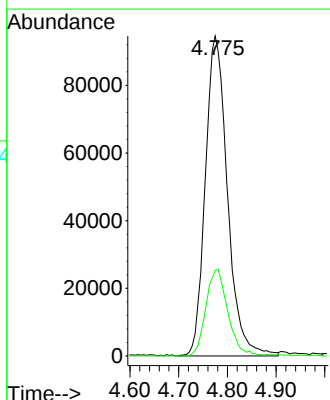
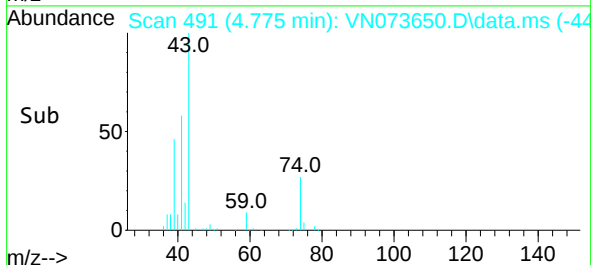
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

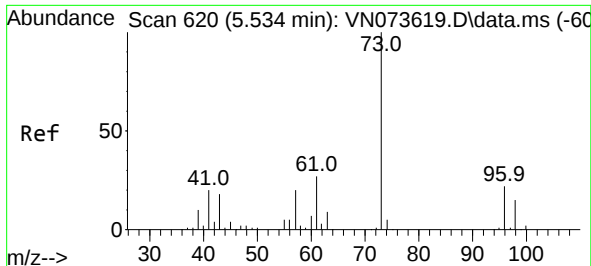


#18
Methyl Acetate
Concen: 48.398 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29



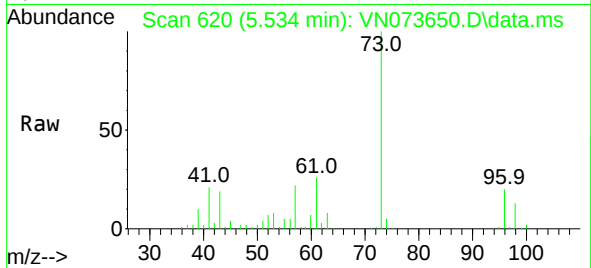
Tgt Ion: 43 Resp: 298736
Ion Ratio Lower Upper
43 100
74 26.7 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 50.507 ug/l
RT: 5.534 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

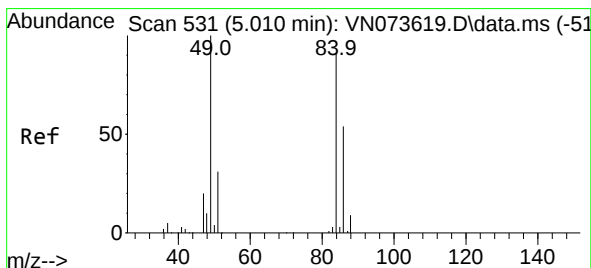
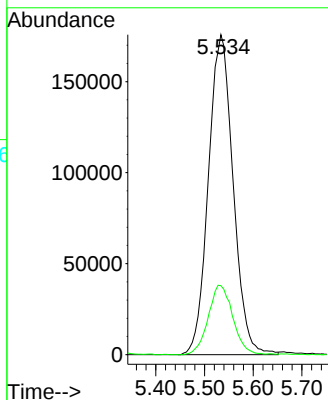
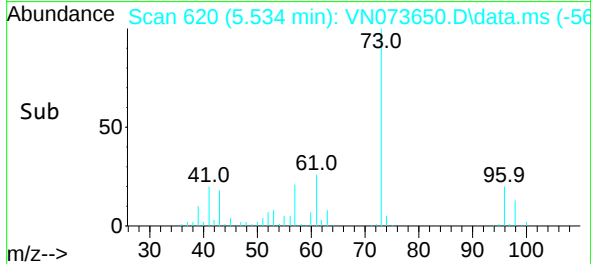
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 62051
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4

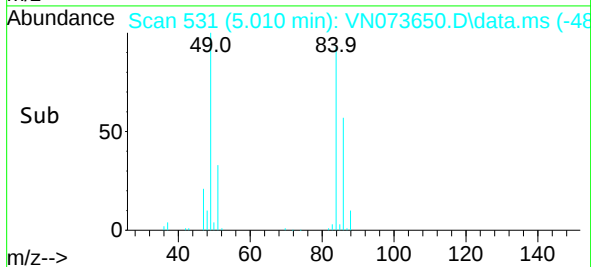
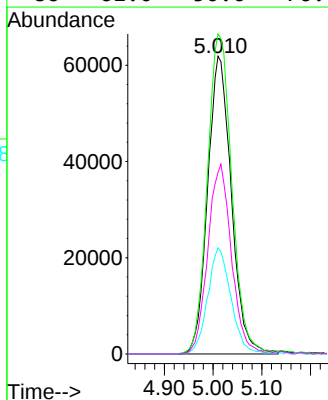
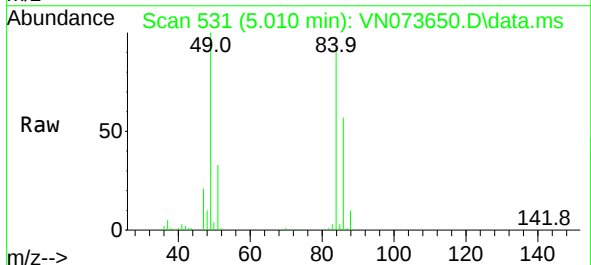
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#20
Methylene Chloride
Concen: 52.227 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

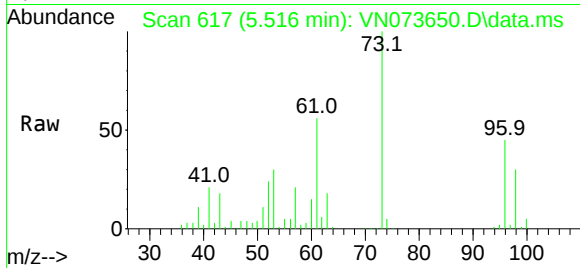
Tgt Ion: 84 Resp: 209227
Ion Ratio Lower Upper
84 100
49 107.4 88.3 132.5
51 35.7 28.2 42.2
86 61.0 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 47.715 ug/l
RT: 5.516 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

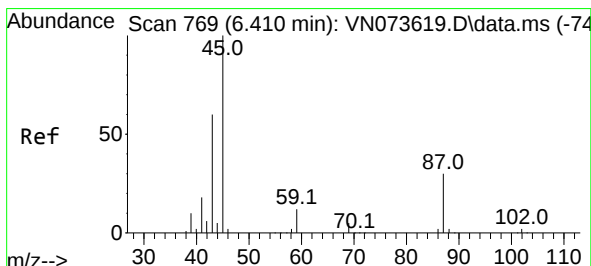
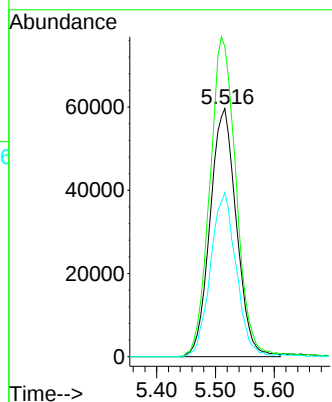
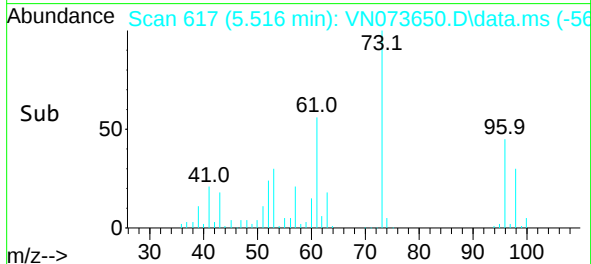
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



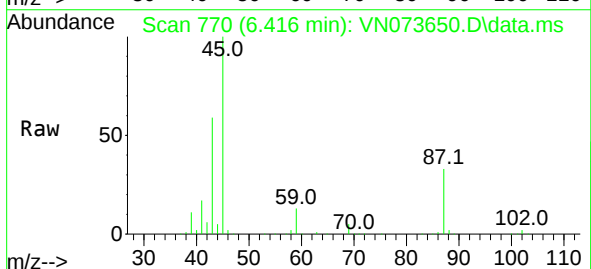
Tgt Ion: 96 Resp: 185750
Ion Ratio Lower Upper
96 100
61 124.7 105.8 158.8
98 66.2 50.3 75.5

Manual Integrations
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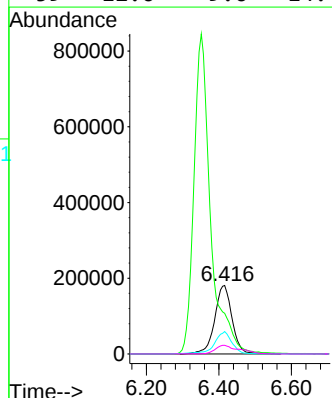
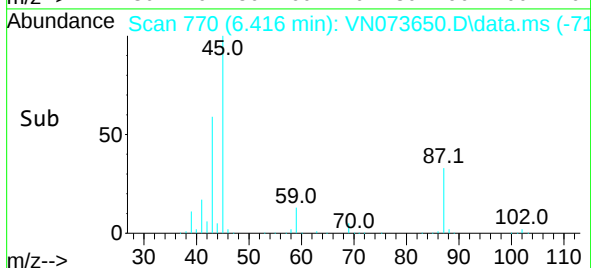
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#22
Diisopropyl ether
Concen: 48.540 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29



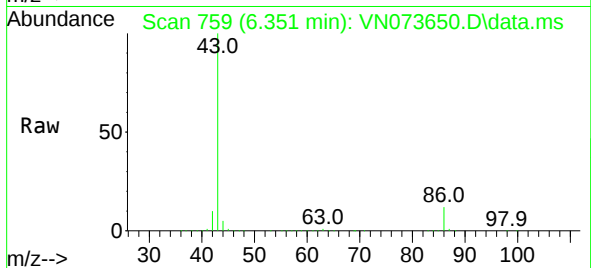
Tgt Ion: 45 Resp: 602111
Ion Ratio Lower Upper
45 100
43 58.3 46.6 70.0
87 32.7 24.3 36.5
59 12.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 259.715 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073650.D
 Acq: 29 Jul 2022 21:29

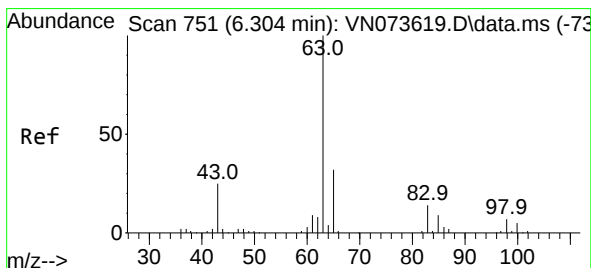
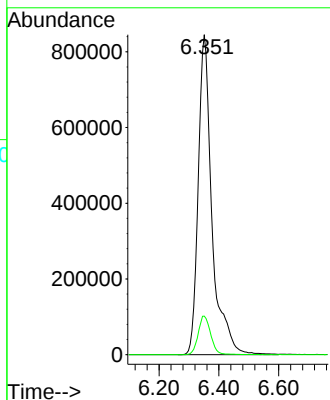
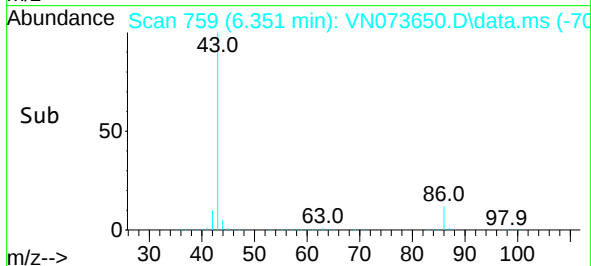
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



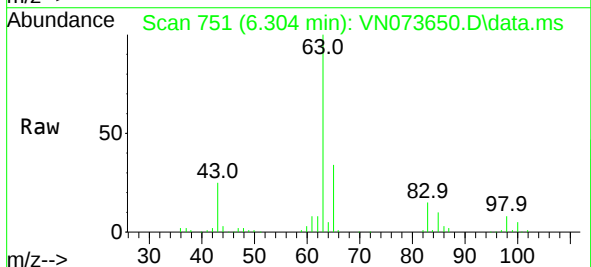
Tgt Ion: 43 Resp: 2701039
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.0 15.0

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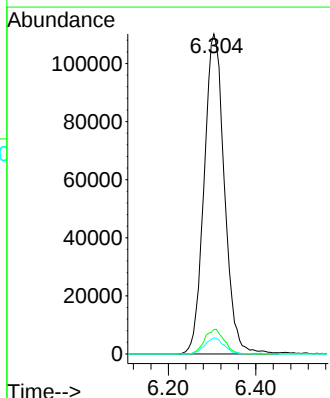
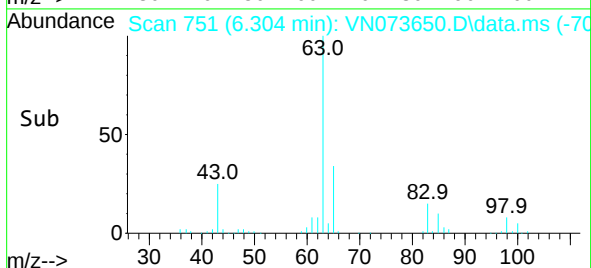
Reviewed By :John Carlone 08/01/2022
 Supervised By :Mahesh Dadoda 08/01/2022

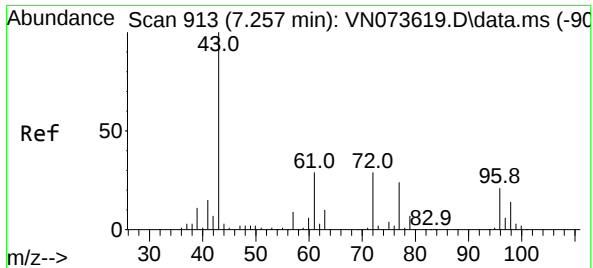


#24
 1,1-Dichloroethane
 Concen: 46.664 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.000 min
 Lab File: VN073650.D
 Acq: 29 Jul 2022 21:29



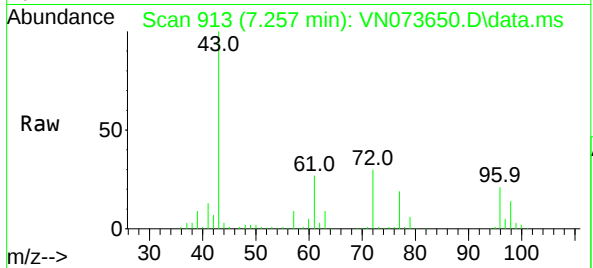
Tgt Ion: 63 Resp: 356102
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 5.1 2.3 6.8





#25
2-Butanone
Concen: 240.688 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

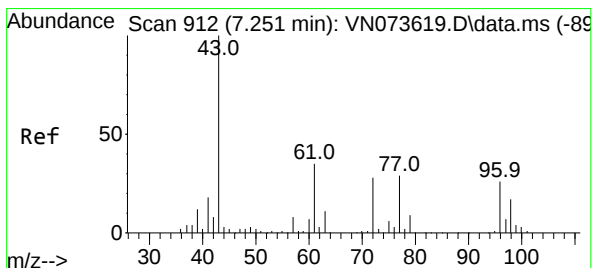
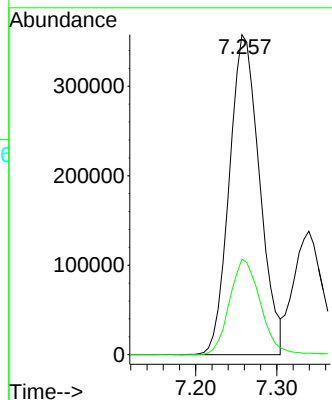
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 927370
Ion Ratio Lower Upper
43 100
72 29.8 23.7 35.5

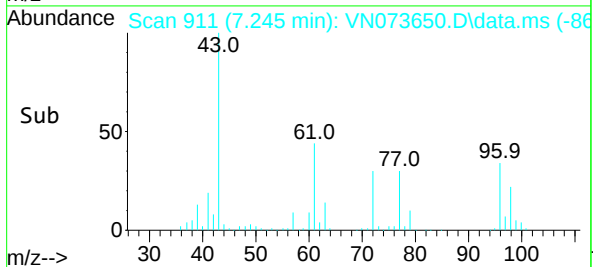
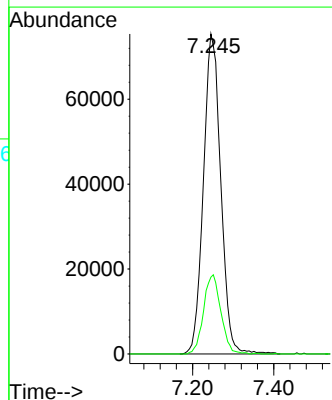
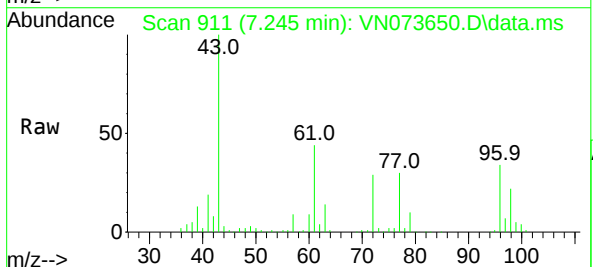
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#26
2,2-Dichloropropane
Concen: 38.045 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

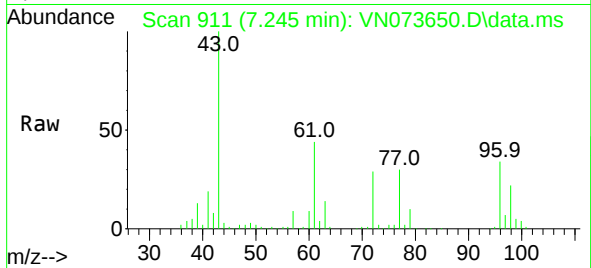
Tgt Ion: 77 Resp: 223373
Ion Ratio Lower Upper
77 100
97 24.7 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 48.394 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073650.D
 Acq: 29 Jul 2022 21:29

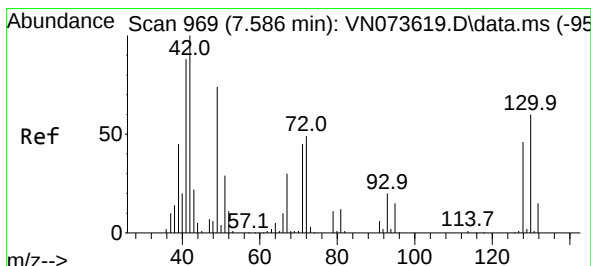
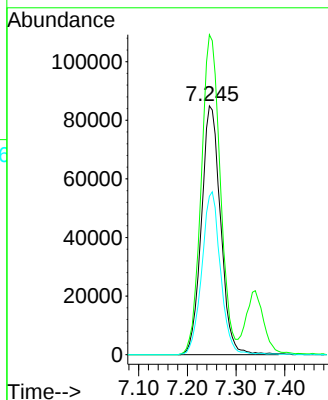
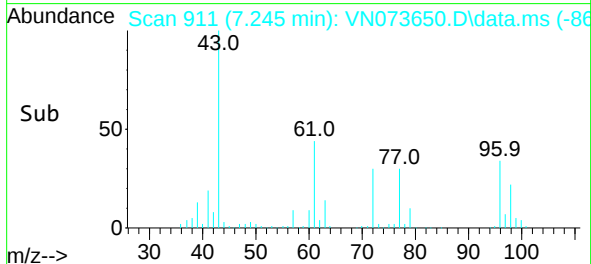
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 232119
 Ion Ratio Lower Upper
 96 100
 61 128.3 0.0 280.6
 98 63.5 0.0 128.4

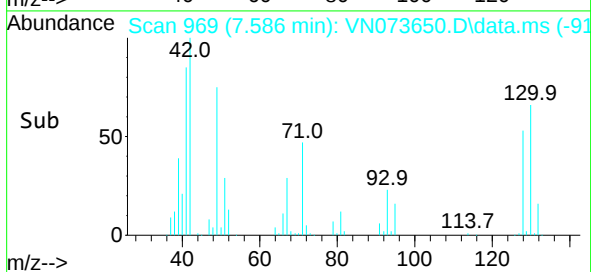
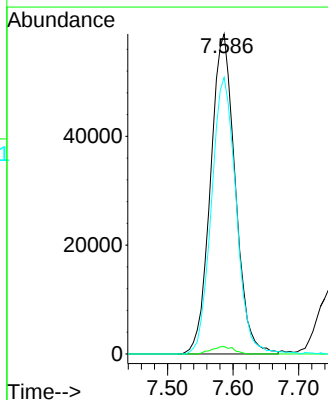
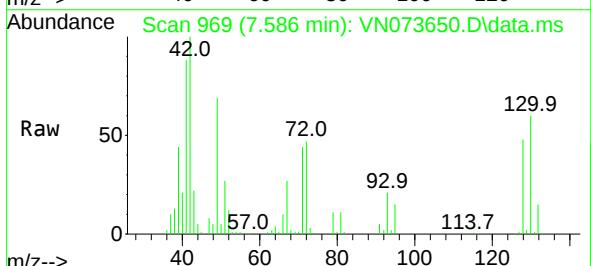
Manual Integrations
 APPROVED

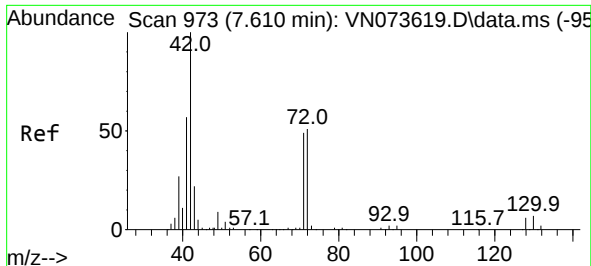
Reviewed By :John Carlone 08/01/2022
 Supervised By :Mahesh Dadoda 08/01/2022



#28
 Bromochloromethane
 Concen: 47.946 ug/l
 RT: 7.586 min Scan# 969
 Delta R.T. -0.000 min
 Lab File: VN073650.D
 Acq: 29 Jul 2022 21:29

Tgt Ion: 49 Resp: 153629
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 86.3 69.7 104.5





#29

Tetrahydrofuran

Concen: 250.678 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073650.D

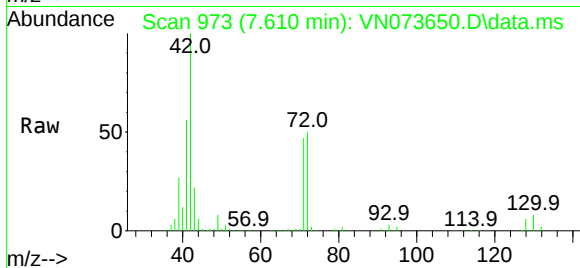
Acq: 29 Jul 2022 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



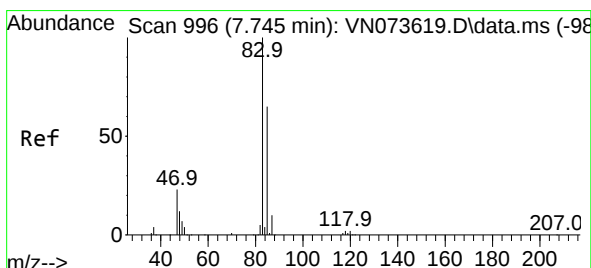
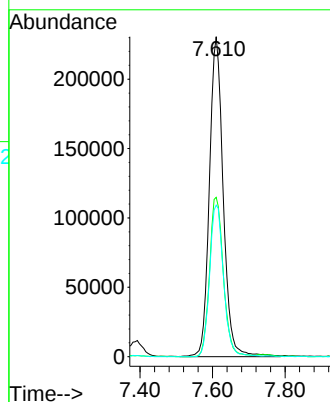
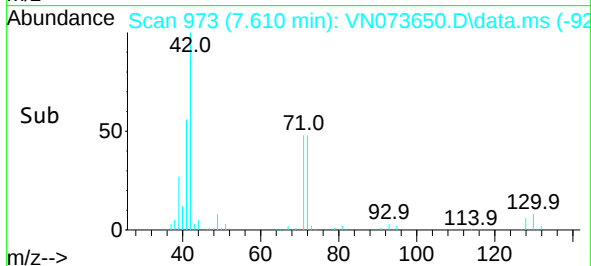
Tgt Ion:	42	Resp:	61066
Ion	Ratio	Lower	Upper
42	100		
72	49.9	39.7	59.5
71	47.8	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#30

Chloroform

Concen: 47.697 ug/l

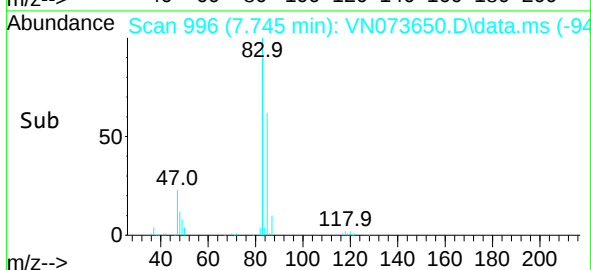
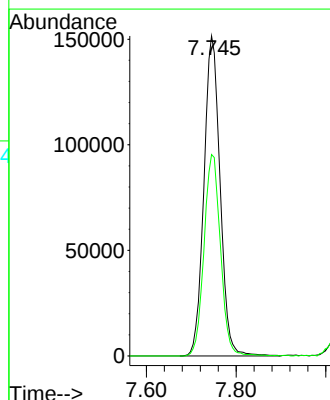
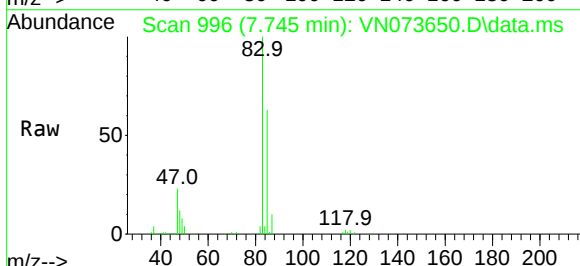
RT: 7.745 min Scan# 996

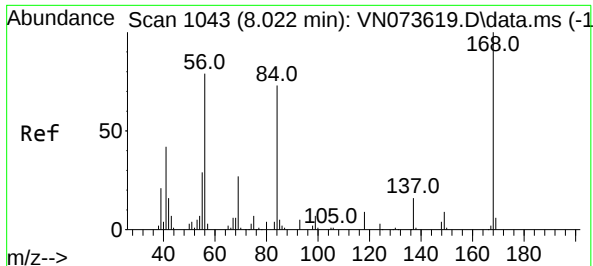
Delta R.T. -0.000 min

Lab File: VN073650.D

Acq: 29 Jul 2022 21:29

Tgt Ion:	83	Resp:	379233
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.8	77.8





#31

Cyclohexane

Concen: 45.503 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN073650.D

Acq: 29 Jul 2022 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 31292

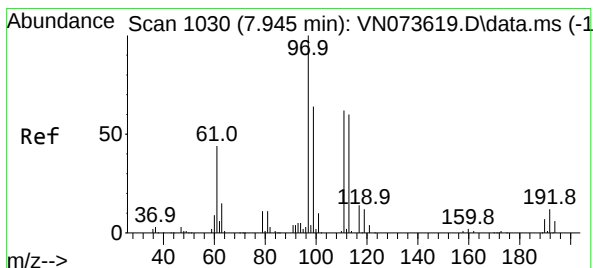
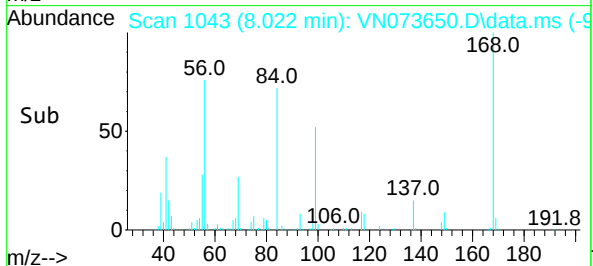
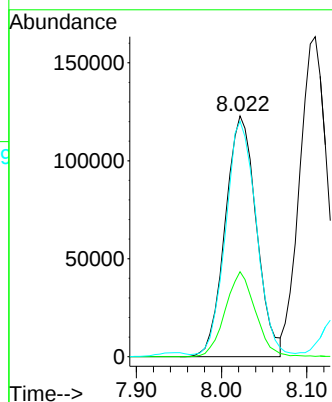
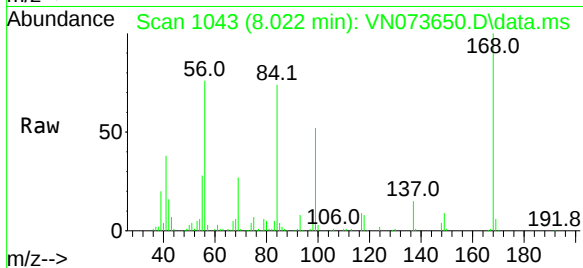
Ion	Ratio	Lower	Upper
56	100		
69	35.3	27.8	41.8
84	96.1	76.9	115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#32

1,1,1-Trichloroethane

Concen: 49.155 ug/l

RT: 7.939 min Scan# 1029

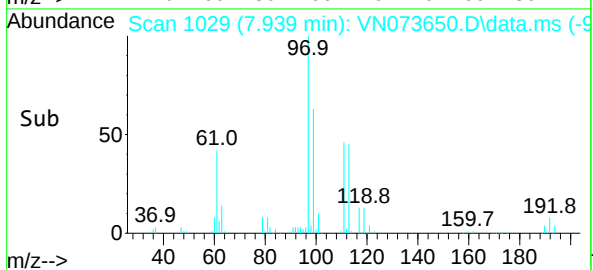
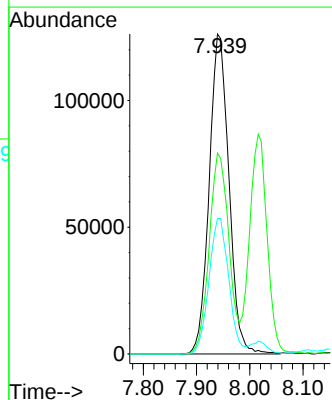
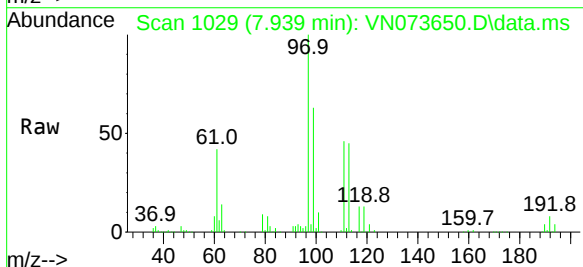
Delta R.T. -0.006 min

Lab File: VN073650.D

Acq: 29 Jul 2022 21:29

Tgt Ion: 97 Resp: 324512

Ion	Ratio	Lower	Upper
97	100		
99	63.0	50.6	76.0
61	42.7	36.0	54.0





#33

1,2-Dichloroethane-d4

Concen: 47.242 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073650.D

Acq: 29 Jul 2022 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 21822

Ion Ratio Lower Upper

65 100

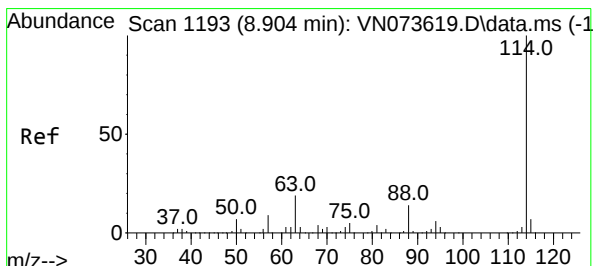
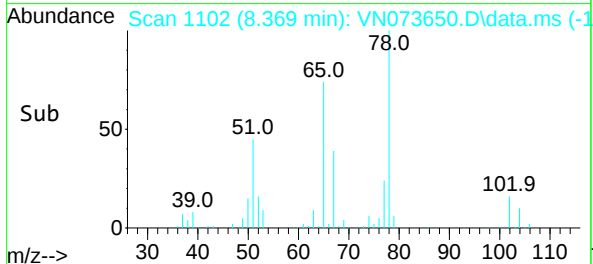
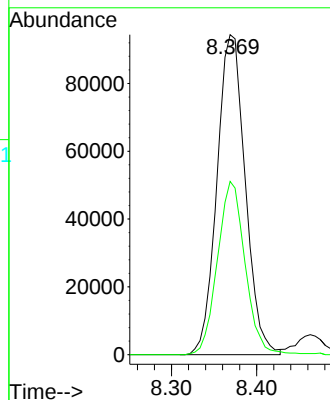
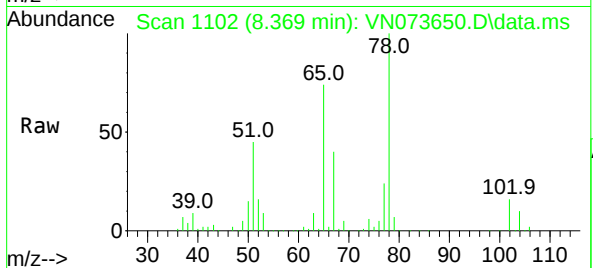
67 52.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073650.D

Acq: 29 Jul 2022 21:29

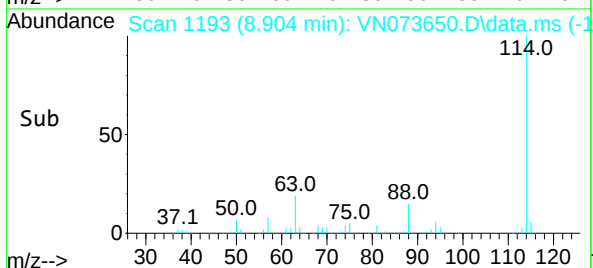
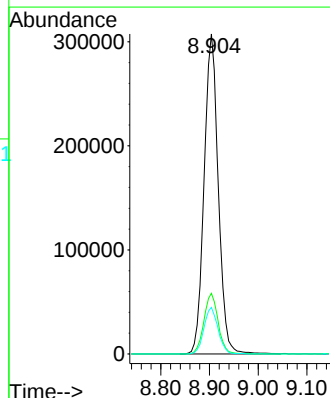
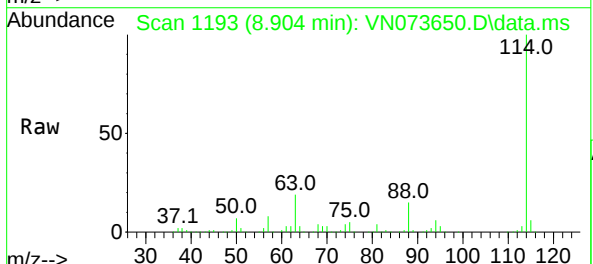
Tgt Ion:114 Resp: 618833

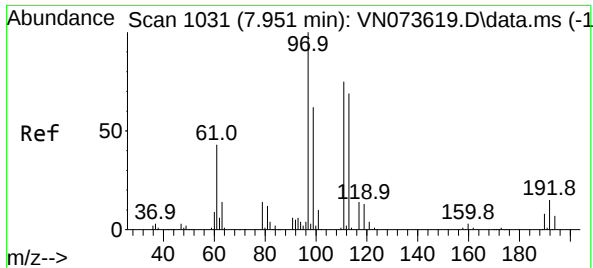
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 14.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.214 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073650.D

Acq: 29 Jul 2022 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 18735

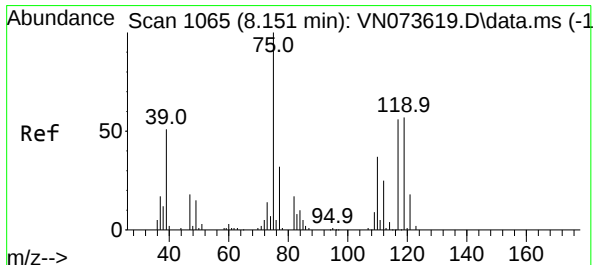
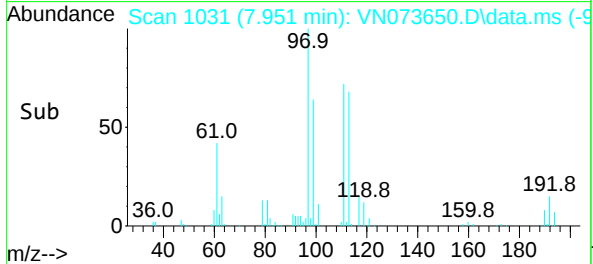
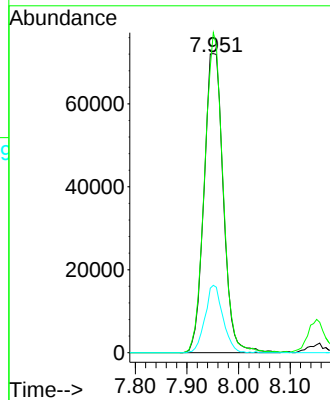
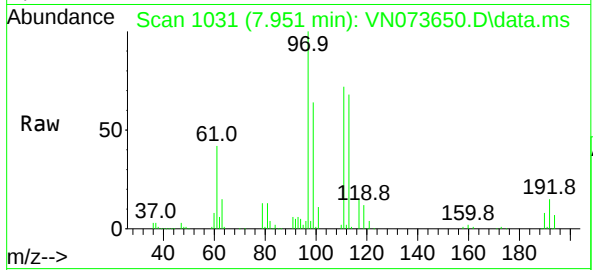
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.0
192	20.8	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#36

1,1-Dichloropropene

Concen: 48.339 ug/l

RT: 8.151 min Scan# 1065

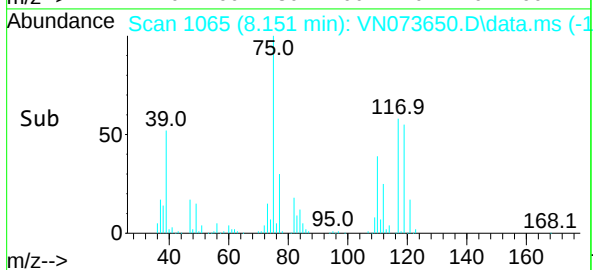
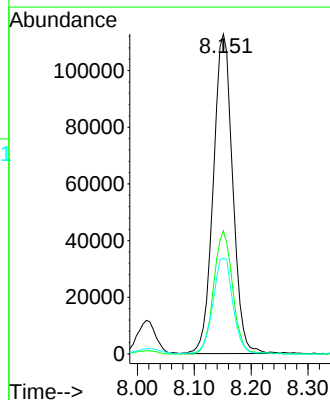
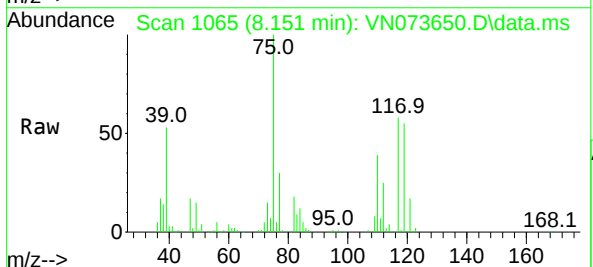
Delta R.T. -0.000 min

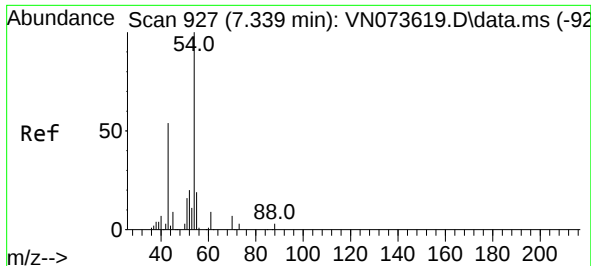
Lab File: VN073650.D

Acq: 29 Jul 2022 21:29

Tgt Ion: 75 Resp: 267715

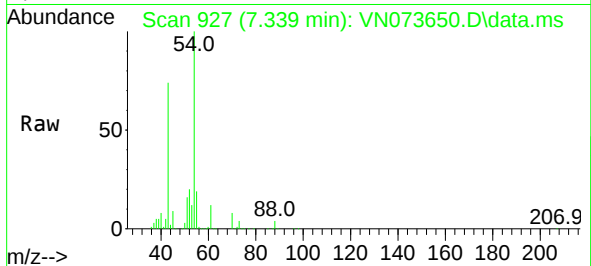
Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.3	54.8
77	31.1	25.1	37.7





#37
Ethyl Acetate
Concen: 49.091 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

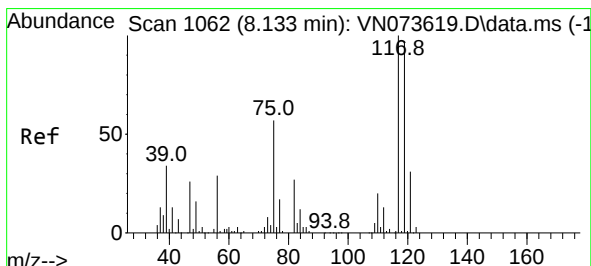
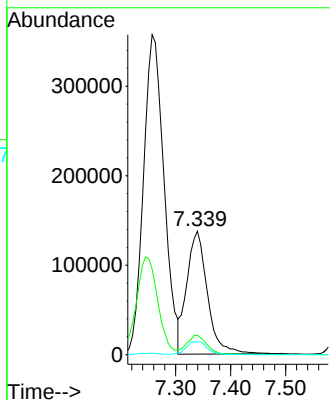
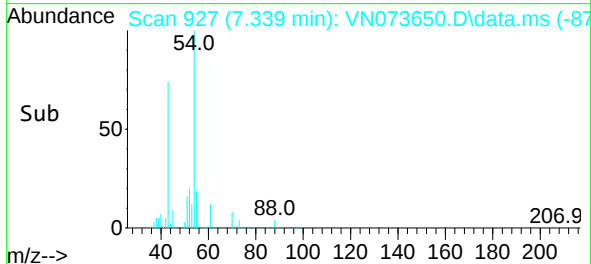
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 358058
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.6
70 10.6 9.3 13.9

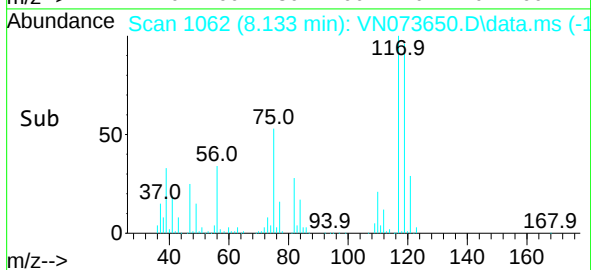
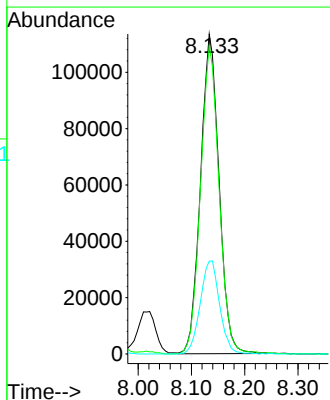
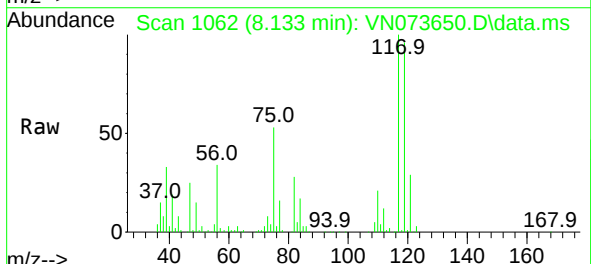
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#38
Carbon Tetrachloride
Concen: 48.663 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

Tgt Ion:117 Resp: 273727
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8
121 29.0 24.6 37.0





#39

Methylcyclohexane

Concen: 50.137 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VN073650.D

Acq: 29 Jul 2022 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 331814

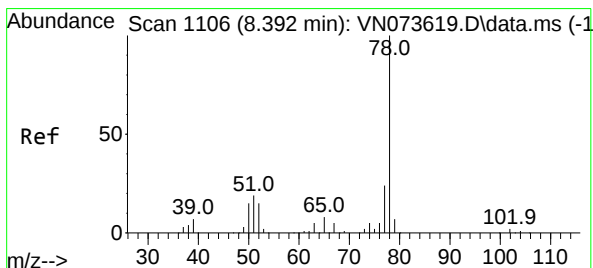
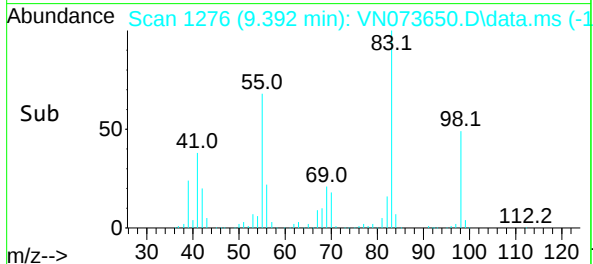
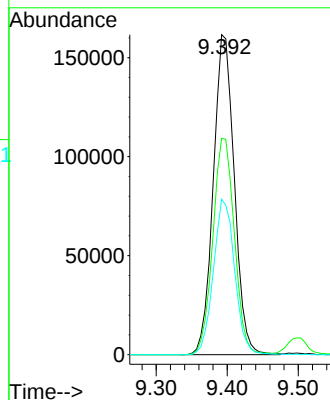
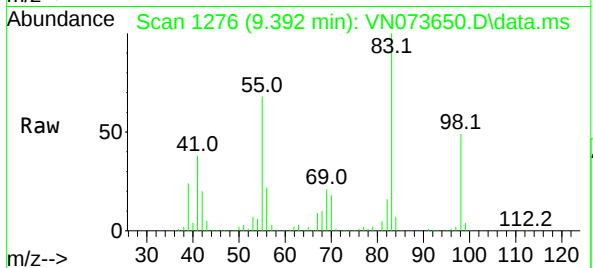
Ion	Ratio	Lower	Upper
83	100		
55	67.6	57.8	86.8
98	48.6	39.4	59.2

Manual Integrations

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Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#40

Benzene

Concen: 48.272 ug/l

RT: 8.392 min Scan# 1106

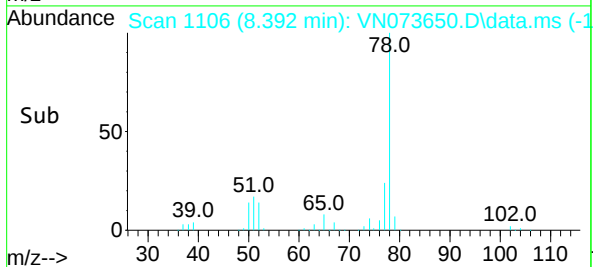
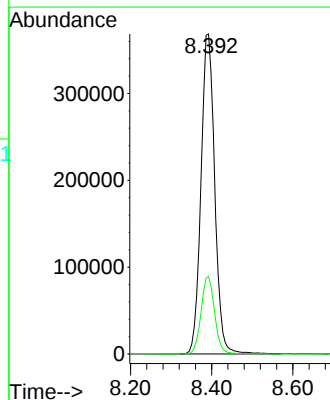
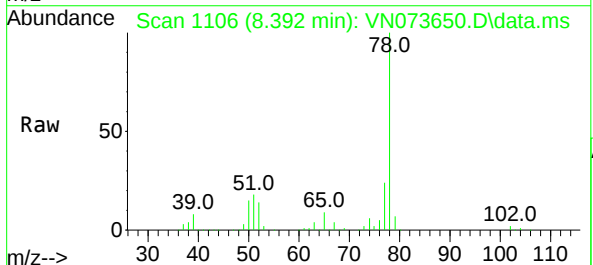
Delta R.T. -0.000 min

Lab File: VN073650.D

Acq: 29 Jul 2022 21:29

Tgt Ion: 78 Resp: 868147

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.0





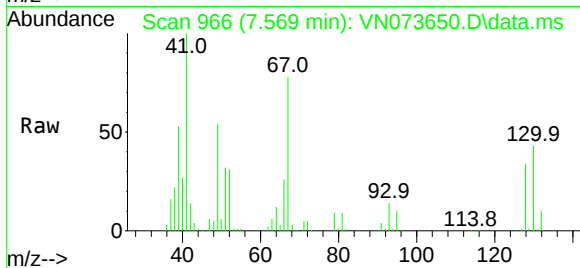
#41
Methacrylonitrile
Concen: 44.014 ug/l
RT: 7.569 min Scan# 965
Delta R.T. 0.006 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



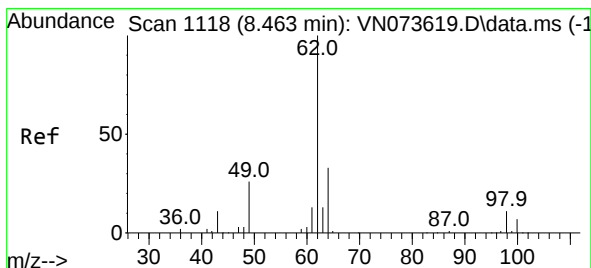
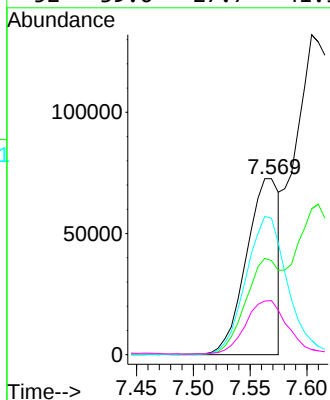
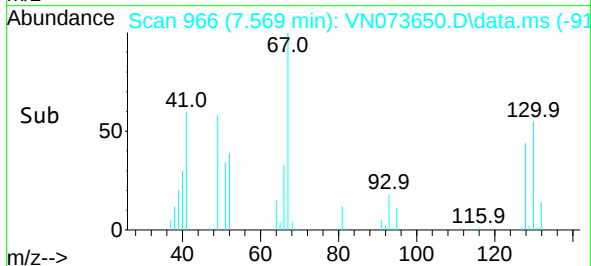
Tgt Ion: 41 Resp: 14526
Ion Ratio Lower Upper
41 100
39 54.3 48.6 73.0
67 100.8 73.4 110.2
52 39.6 27.7 41.5

Manual Integrations

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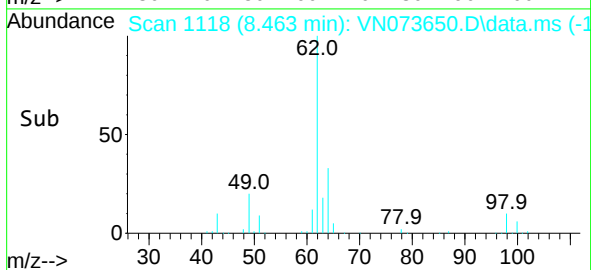
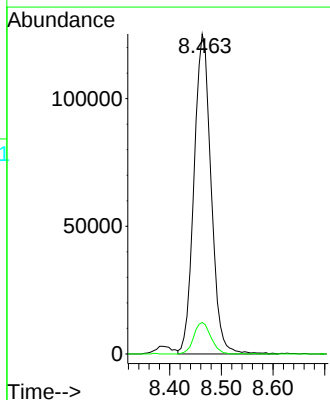
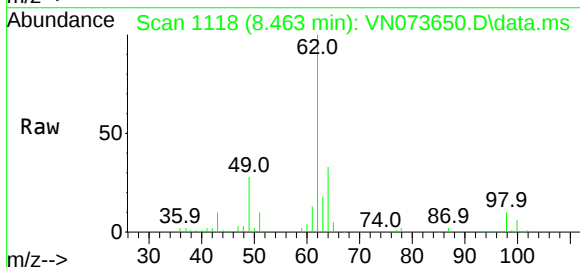
Reviewed By :John Carlone 08/01/2022

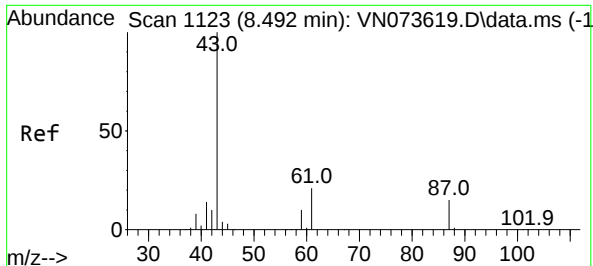
Supervised By :Mahesh Dadoda 08/01/2022



#42
1,2-Dichloroethane
Concen: 47.417 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

Tgt Ion: 62 Resp: 287402
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4





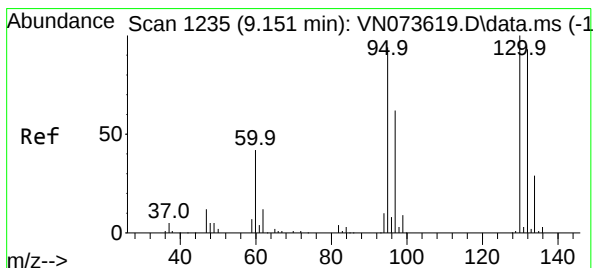
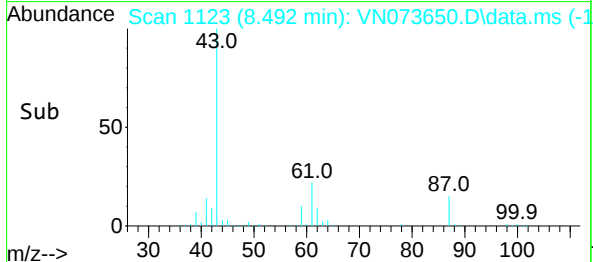
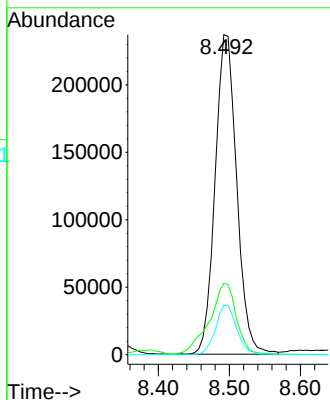
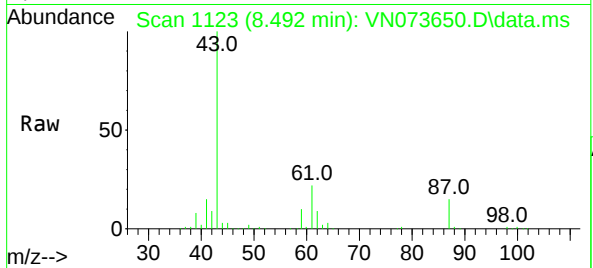
#43
Isopropyl Acetate
Concen: 50.720 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 49967
Ion Ratio Lower Upper
43 100
61 27.9 21.9 32.9
87 15.3 12.0 18.0

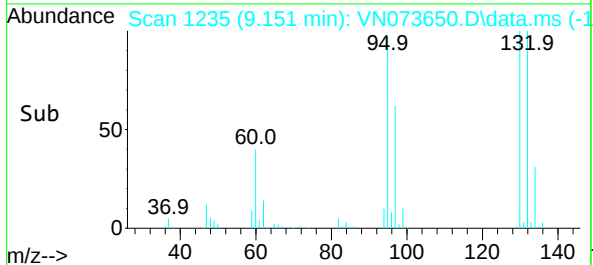
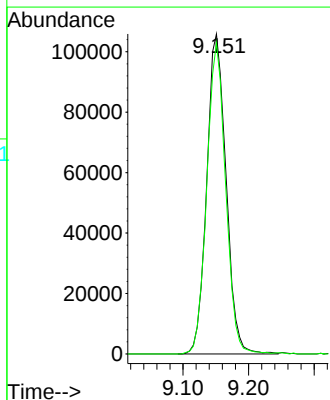
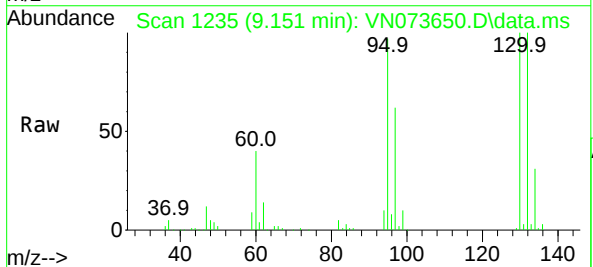
Manual Integrations
APPROVED

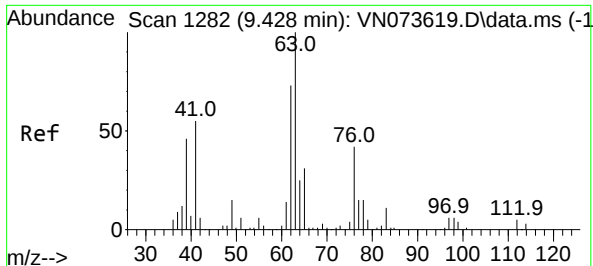
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#44
Trichloroethene
Concen: 47.528 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

Tgt Ion:130 Resp: 216762
Ion Ratio Lower Upper
130 100
95 97.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 48.221 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN073650.D

Acq: 29 Jul 2022 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 21676

Ion Ratio Lower Upper

63 100

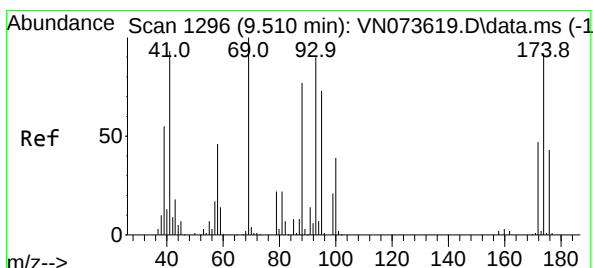
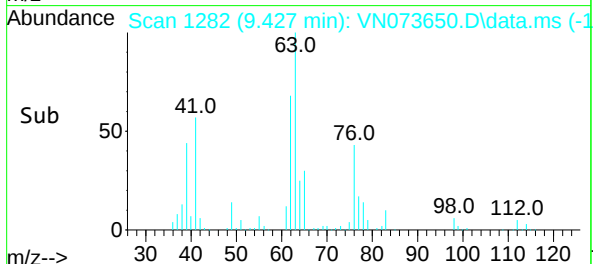
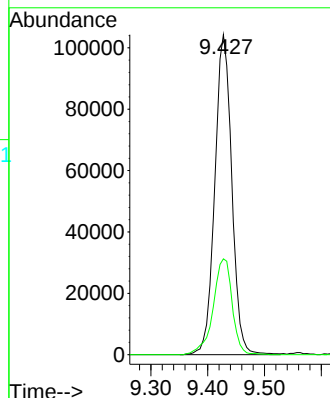
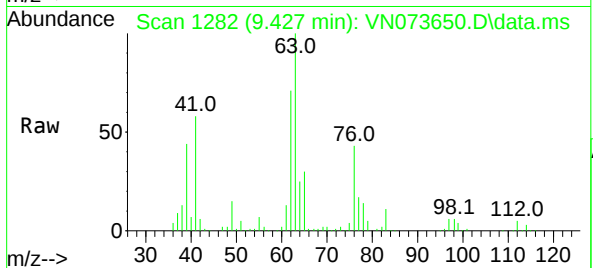
65 30.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#46

Dibromomethane

Concen: 49.404 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073650.D

Acq: 29 Jul 2022 21:29

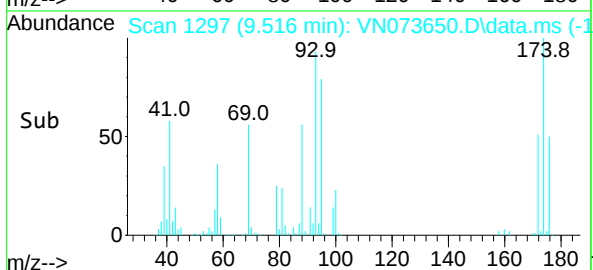
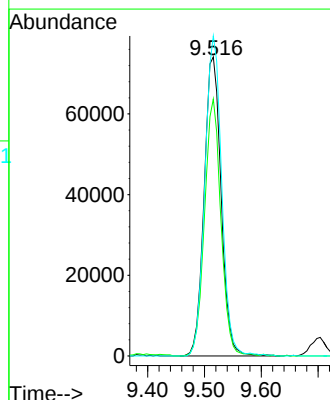
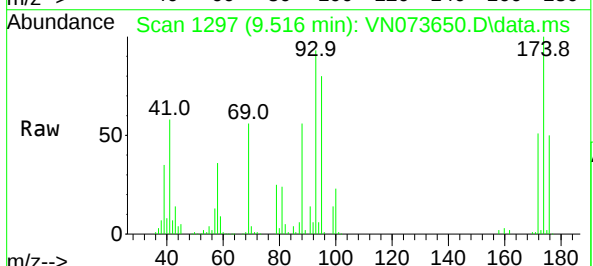
Tgt Ion: 93 Resp: 154136

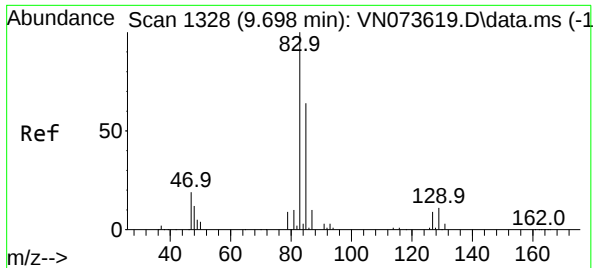
Ion Ratio Lower Upper

93 100

95 82.8 66.9 100.3

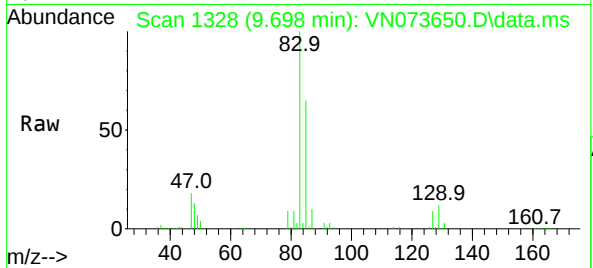
174 105.6 86.6 130.0





#47
Bromodichloromethane
Concen: 49.358 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

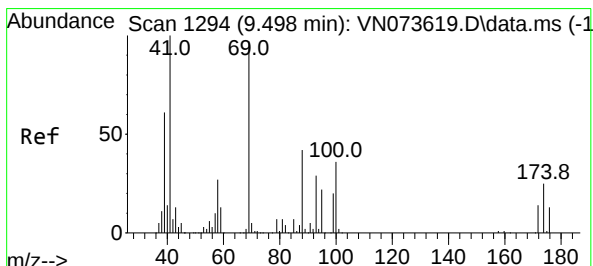
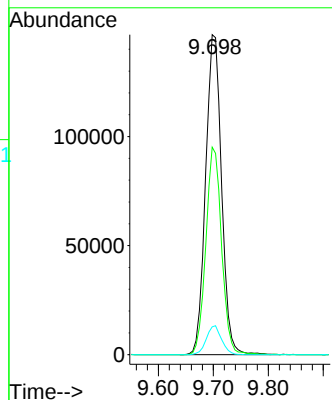
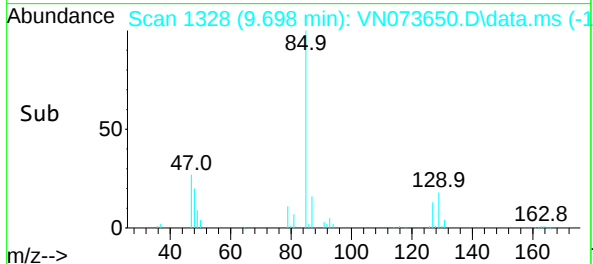
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



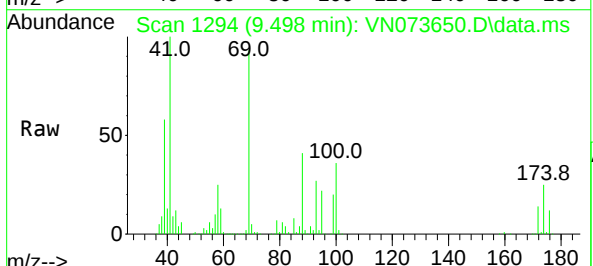
Tgt Ion: 83 Resp: 295560
Ion Ratio Lower Upper
83 100
85 64.9 50.5 75.7
127 8.7 6.8 10.2

Manual Integrations
APPROVED

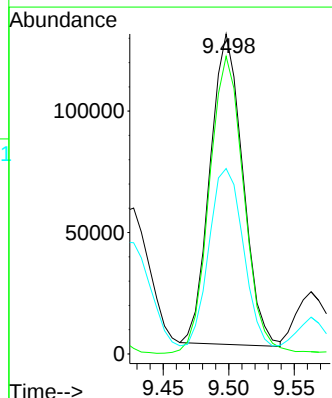
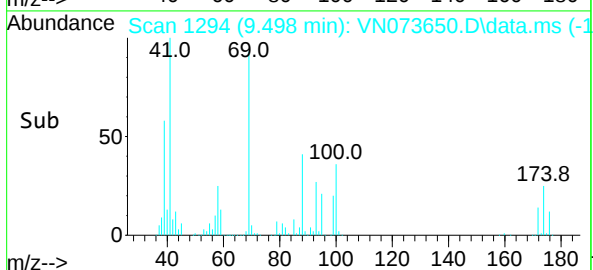
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

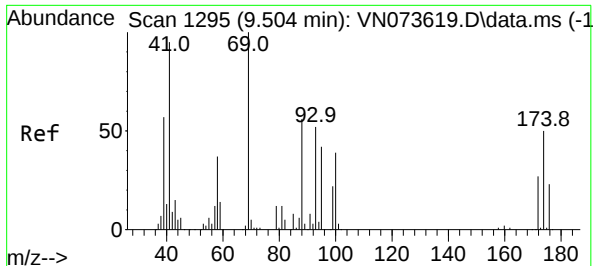


#48
Methyl methacrylate
Concen: 51.500 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29



Tgt Ion: 41 Resp: 222081
Ion Ratio Lower Upper
41 100
69 101.9 74.7 112.1
39 60.2 45.6 68.4





#49

1,4-Dioxane

Concen: 1032.597 ug/l

RT: 9.510 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VN073650.D

Acq: 29 Jul 2022 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 12552

Ion Ratio Lower Upper

88 100

43 26.5 20.2 30.4

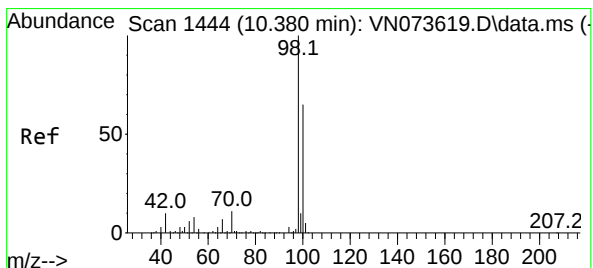
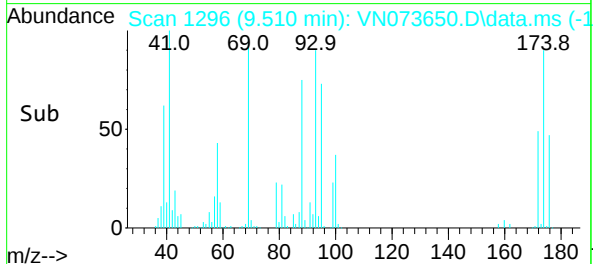
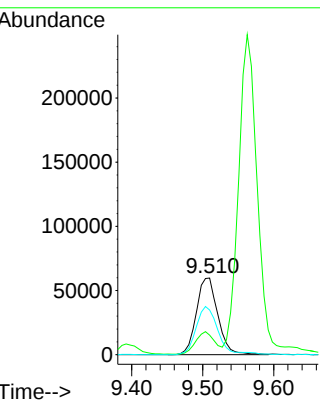
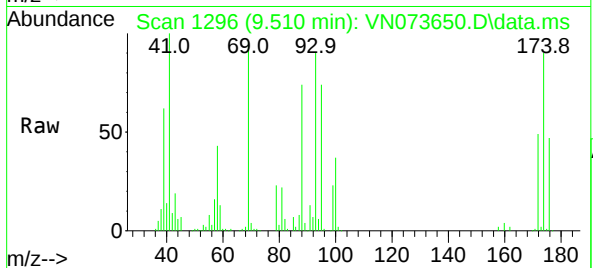
58 64.5 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#50

Toluene-d8

Concen: 49.015 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN073650.D

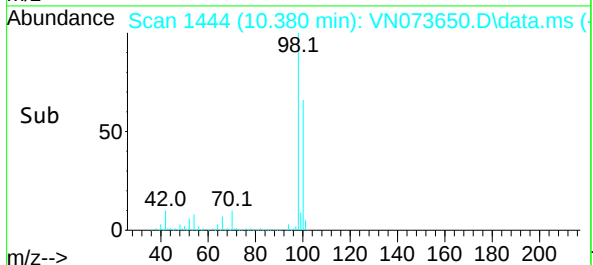
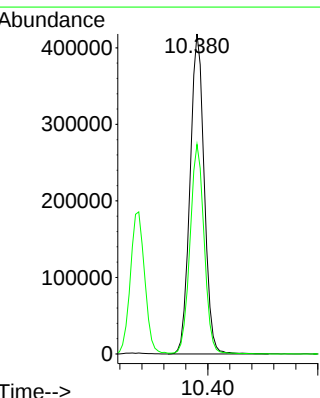
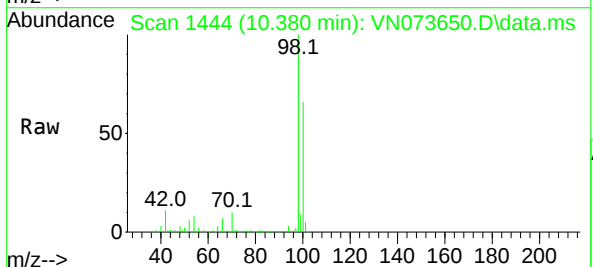
Acq: 29 Jul 2022 21:29

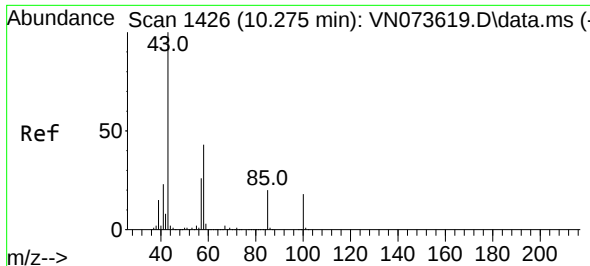
Tgt Ion: 98 Resp: 749513

Ion Ratio Lower Upper

98 100

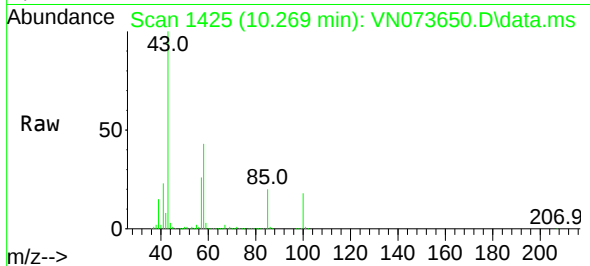
100 65.2 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 257.852 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

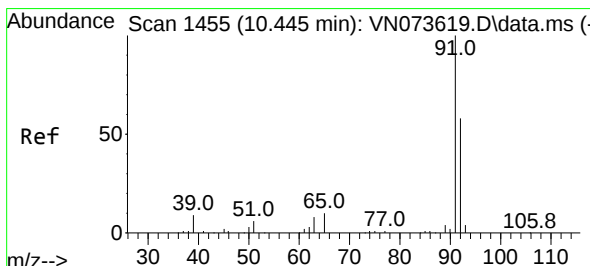
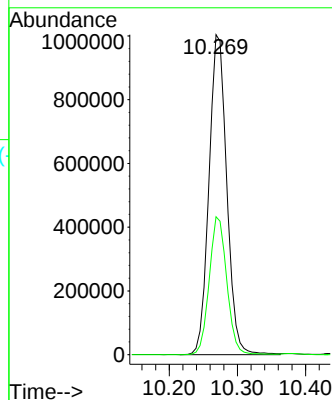
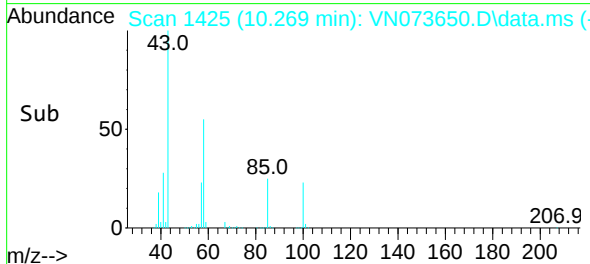
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 182196
Ion Ratio Lower Upper
43 100
58 42.6 34.1 51.1

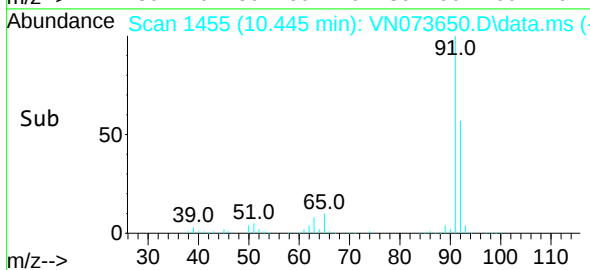
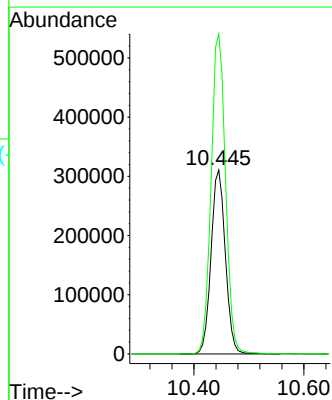
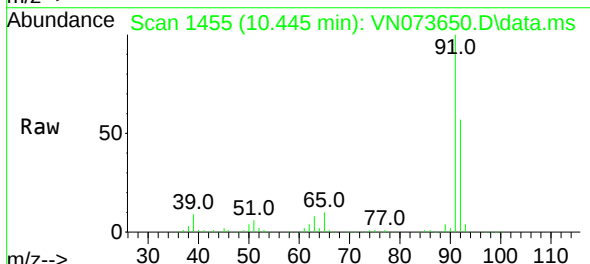
Manual Integrations
APPROVED

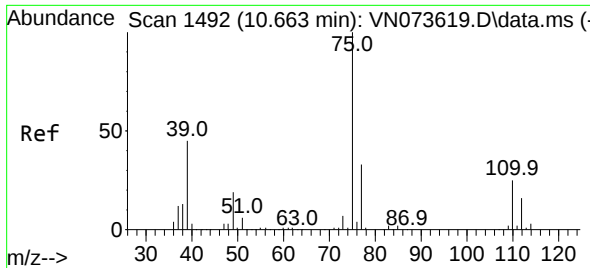
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#52
Toluene
Concen: 50.996 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

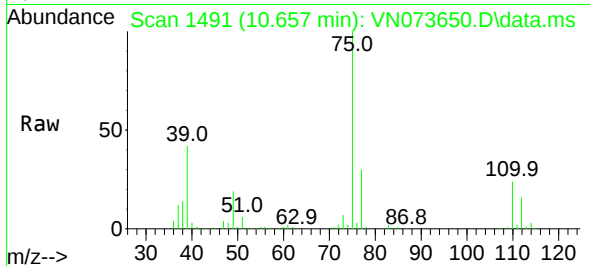
Tgt Ion: 92 Resp: 560194
Ion Ratio Lower Upper
92 100
91 176.4 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 51.863 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

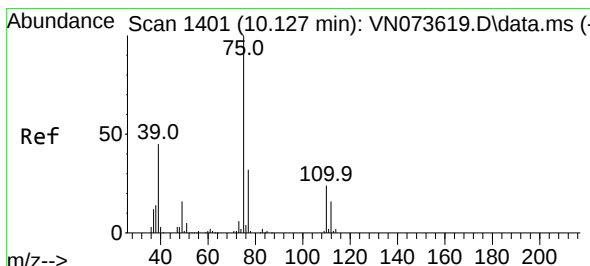
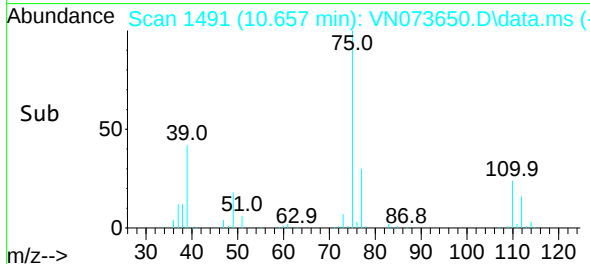
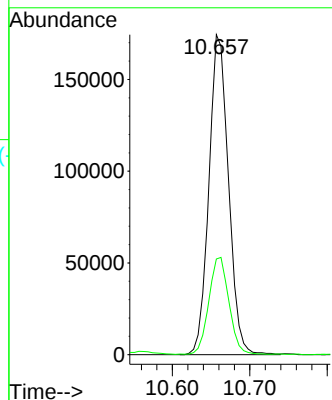
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 30680
Ion Ratio Lower Upper
75 100
77 29.7 25.6 38.4

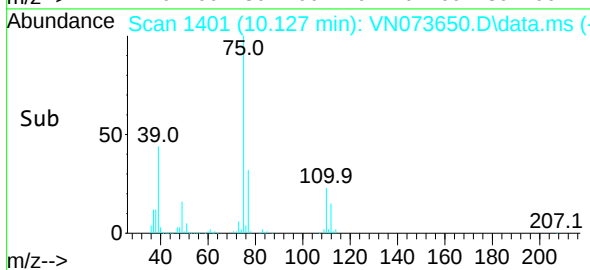
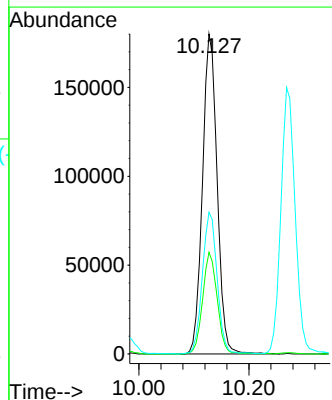
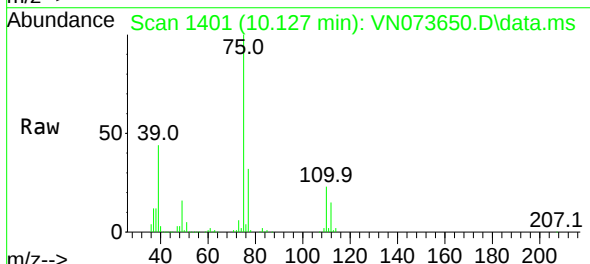
Manual Integrations
APPROVED

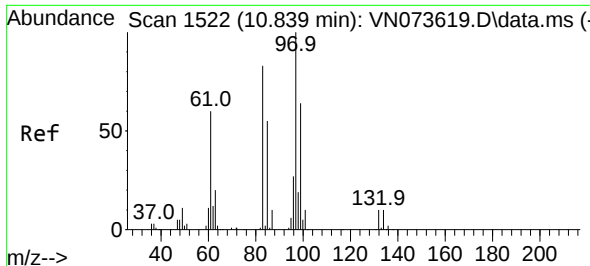
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#54
cis-1,3-Dichloropropene
Concen: 50.059 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

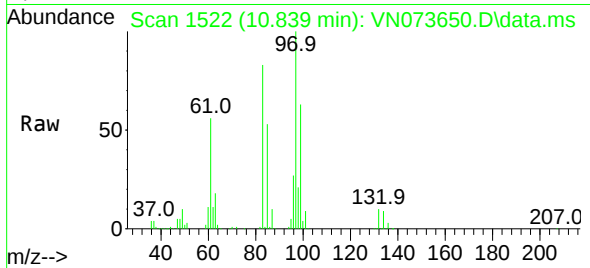
Tgt Ion: 75 Resp: 333702
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 44.3 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 50.705 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

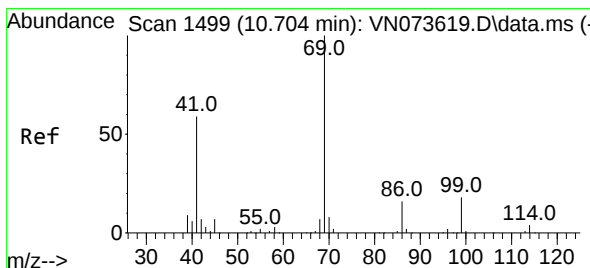
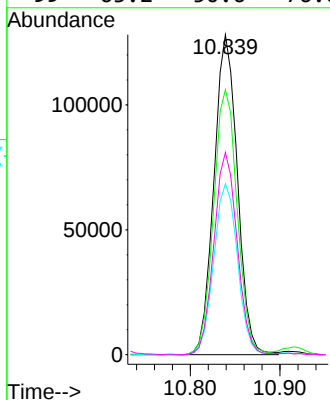
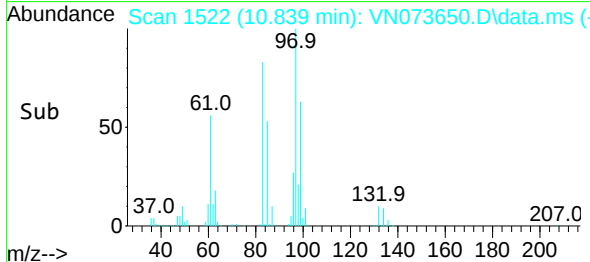
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



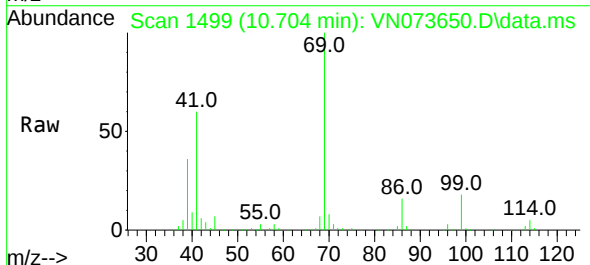
Tgt Ion: 97 Resp: 23227
Ion Ratio Lower Upper
97 100
83 82.8 66.2 99.4
85 53.4 43.9 65.9
99 63.2 50.6 76.0

Manual Integrations
APPROVED

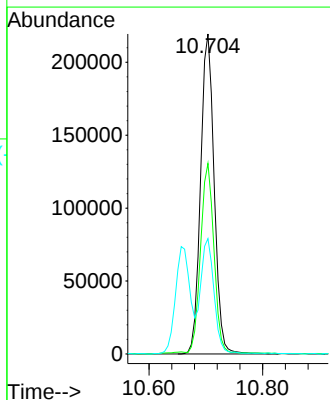
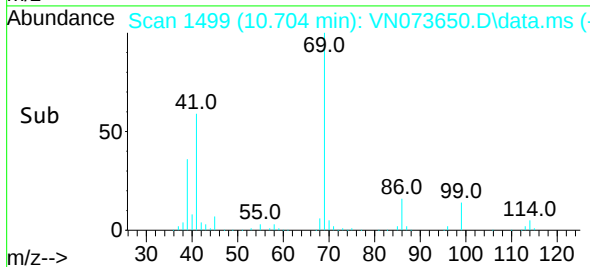
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#56
Ethyl methacrylate
Concen: 57.655 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29



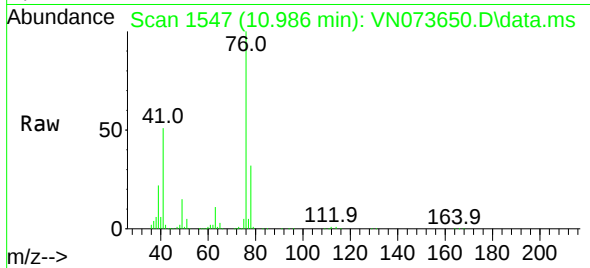
Tgt Ion: 69 Resp: 364011
Ion Ratio Lower Upper
69 100
41 60.2 47.8 71.6
39 35.3 27.3 40.9





#57
1,3-Dichloropropane
Concen: 49.287 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

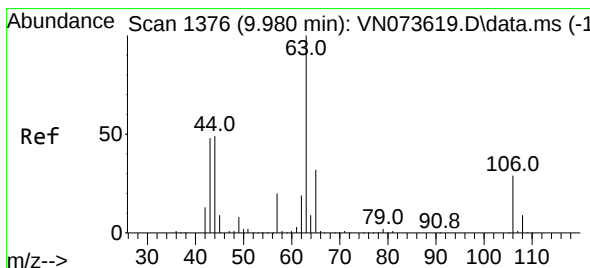
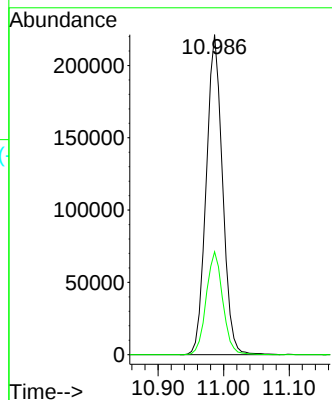
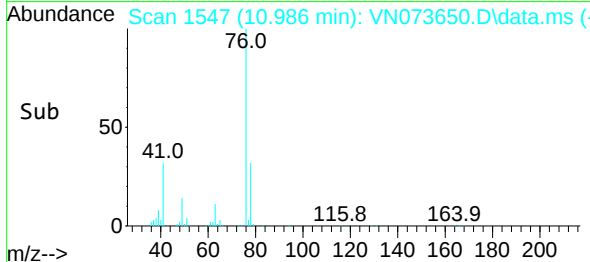
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 383062
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.2

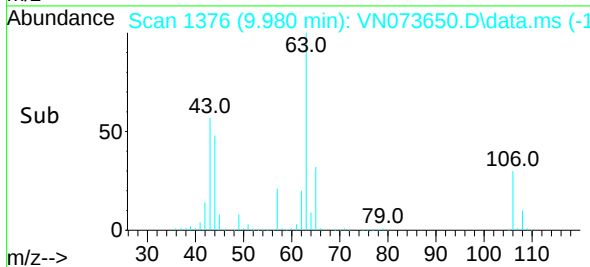
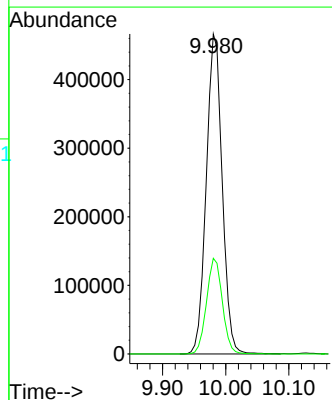
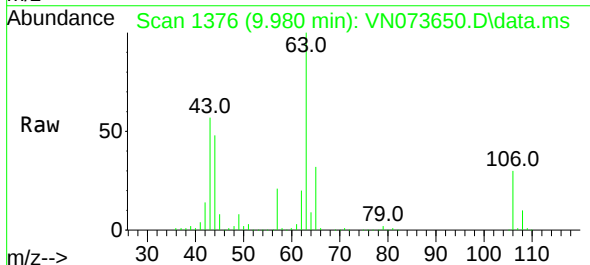
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#58
2-Chloroethyl Vinyl ether
Concen: 244.889 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

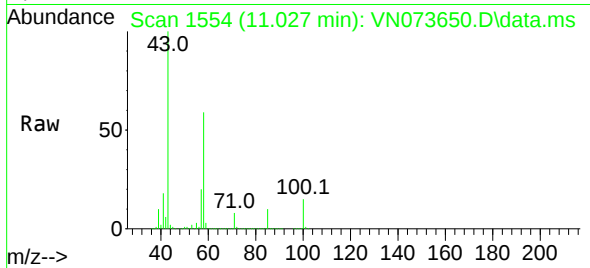
Tgt Ion: 63 Resp: 817473
Ion Ratio Lower Upper
63 100
106 29.7 24.6 36.8





#59
2-Hexanone
Concen: 267.362 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

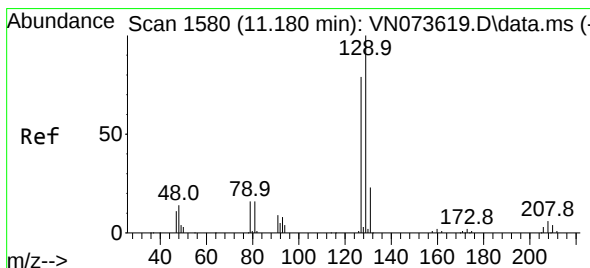
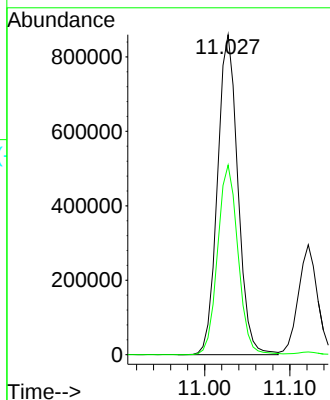
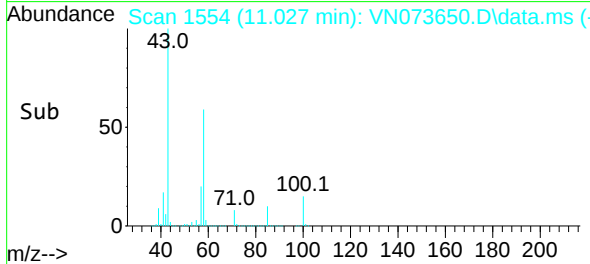
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1431300
Ion Ratio Lower Upper
43 100
58 59.2 29.7 89.1

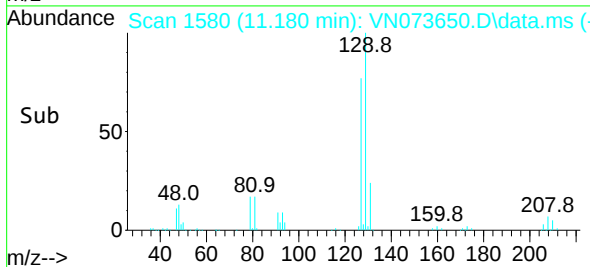
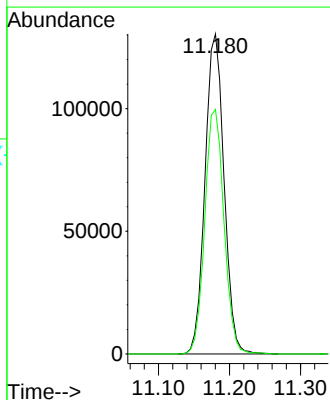
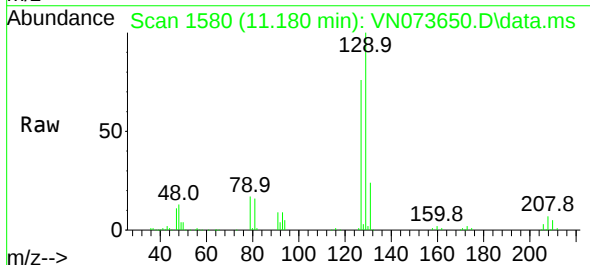
Manual Integrations
APPROVED

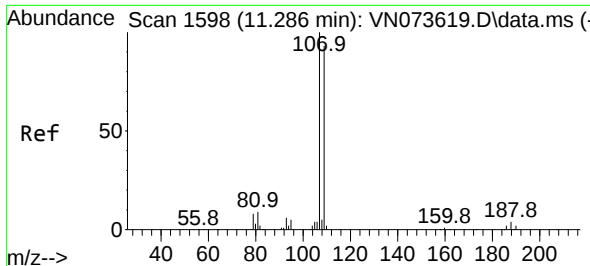
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#60
Dibromochloromethane
Concen: 53.223 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

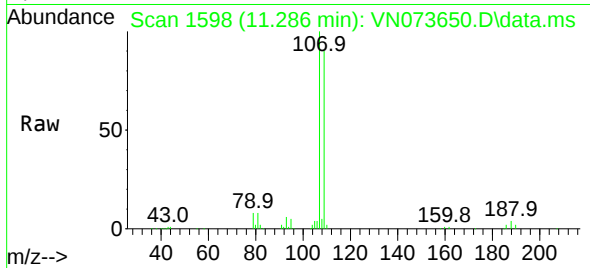
Tgt Ion:129 Resp: 242550
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.617 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

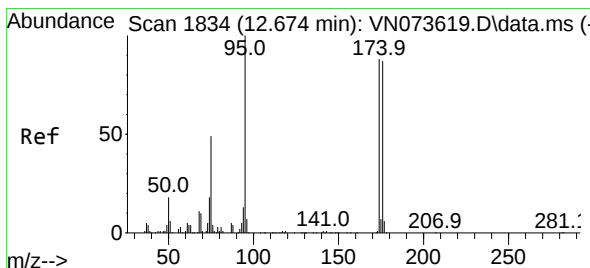
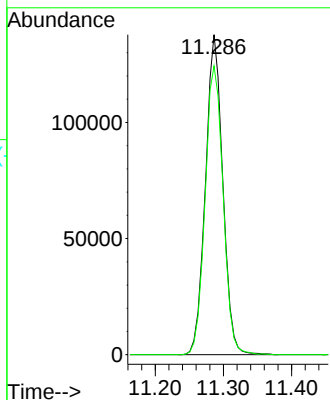
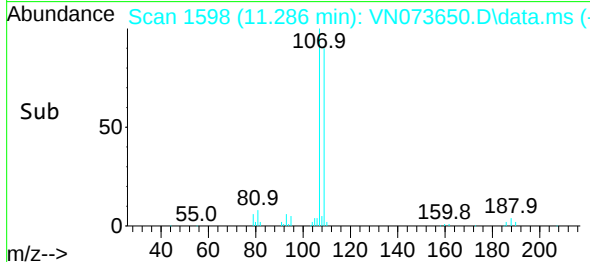
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



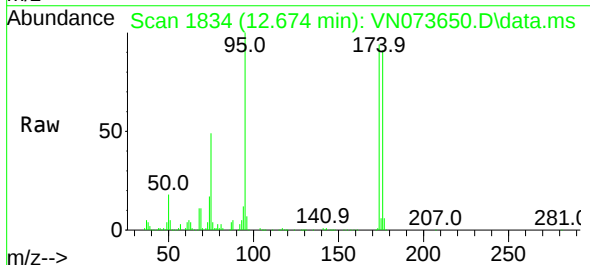
Tgt Ion:107 Resp: 243529
Ion Ratio Lower Upper
107 100
109 93.8 75.0 112.6

Manual Integrations
APPROVED

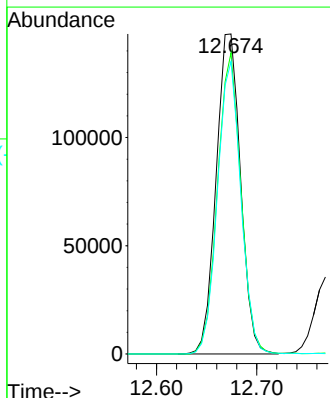
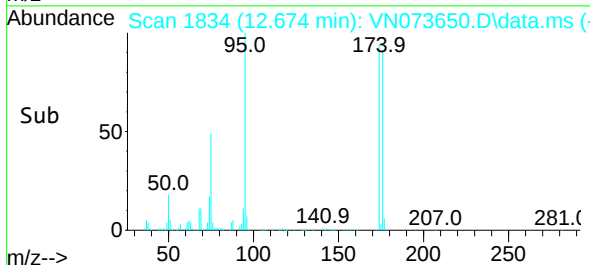
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

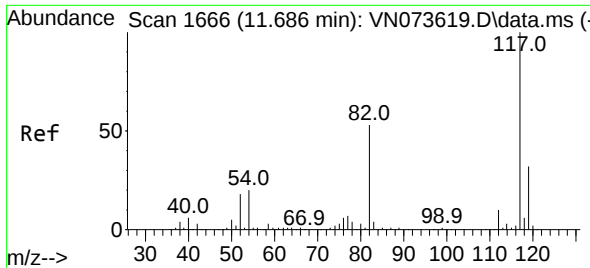


#62
4-Bromofluorobenzene
Concen: 49.053 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29



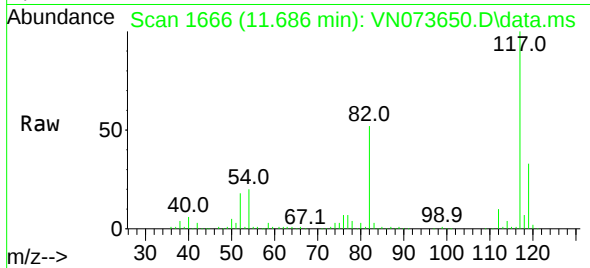
Tgt Ion: 95 Resp: 249682
Ion Ratio Lower Upper
95 100
174 90.2 0.0 167.6
176 87.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

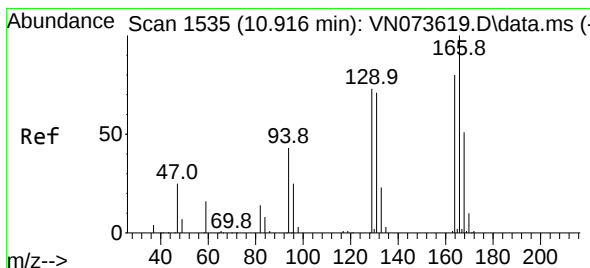
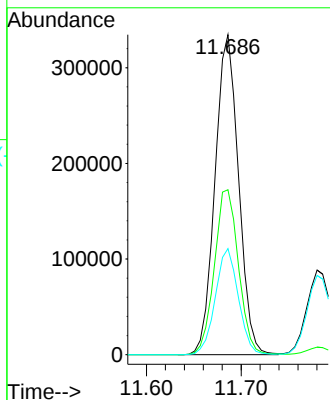
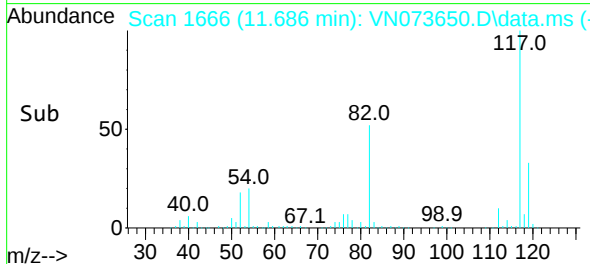
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 578549
Ion Ratio Lower Upper
117 100
82 51.5 44.2 66.2
119 33.1 25.4 38.0

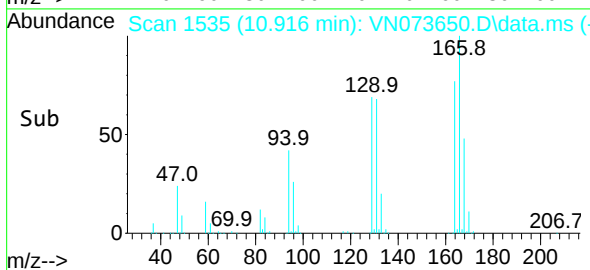
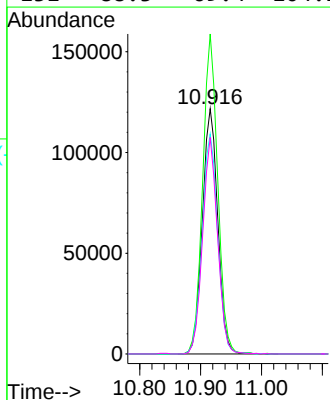
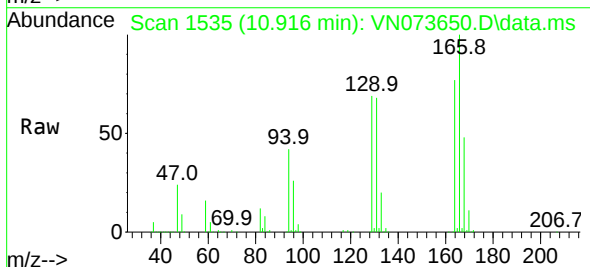
Manual Integrations
APPROVED

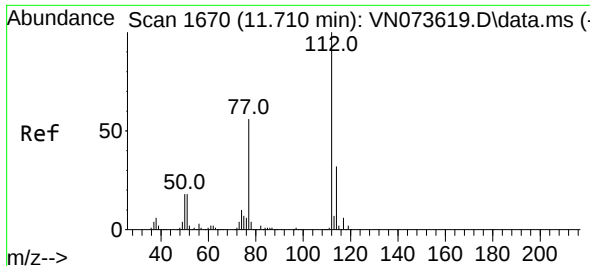
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#64
Tetrachloroethene
Concen: 46.447 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

Tgt Ion:164 Resp: 213559
Ion Ratio Lower Upper
164 100
166 130.5 104.2 156.2
129 89.7 73.9 110.9
131 88.3 69.4 104.2





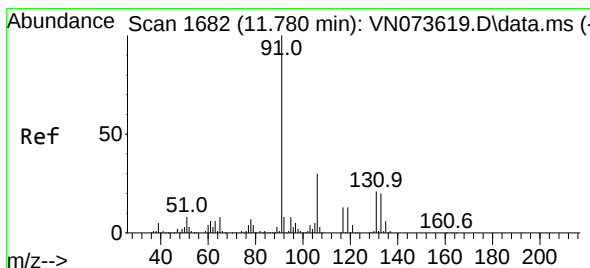
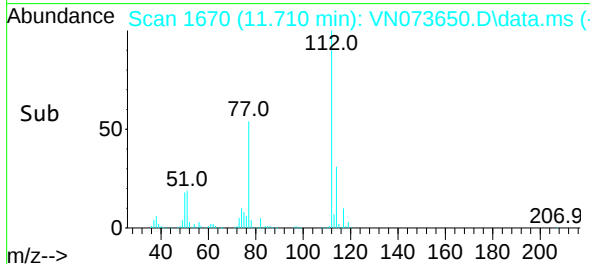
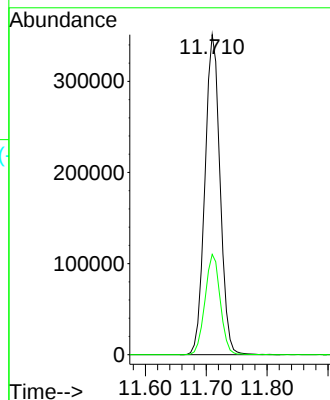
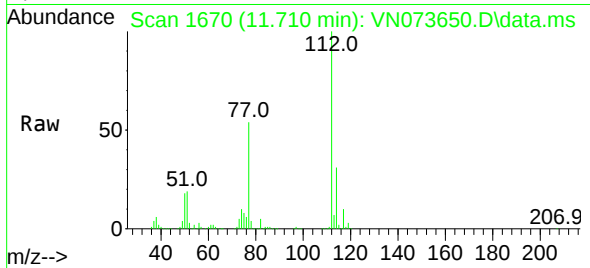
#65
Chlorobenzene
Concen: 49.268 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 60544
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2

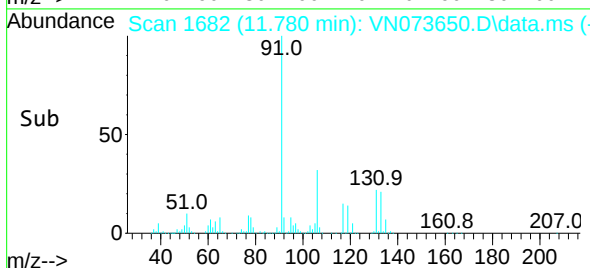
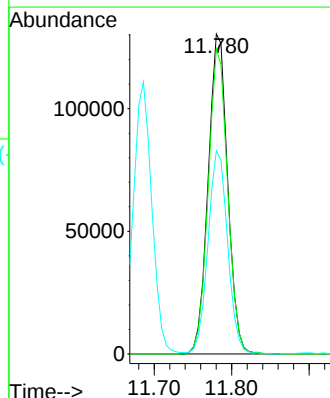
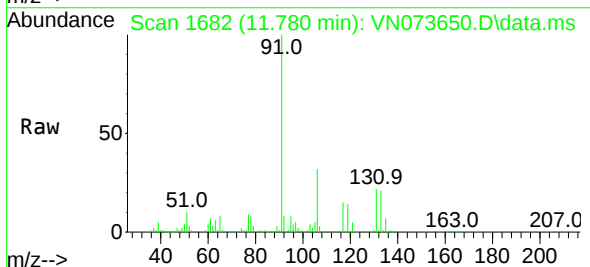
Manual Integrations
APPROVED

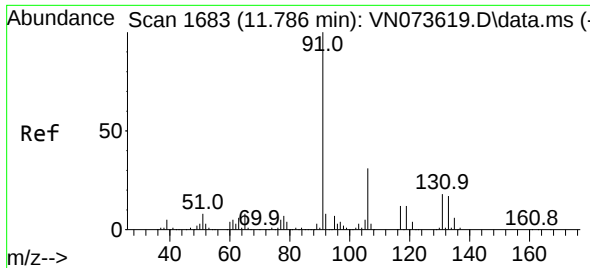
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 51.541 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

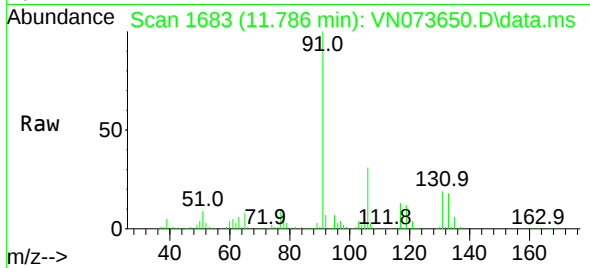
Tgt Ion:131 Resp: 227178
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.4
119 64.4 33.4 100.2





#67
Ethyl Benzene
Concen: 51.919 ug/l
RT: 11.786 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

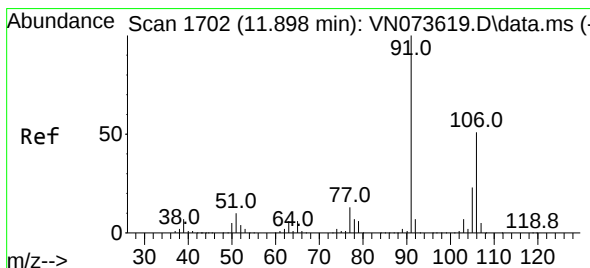
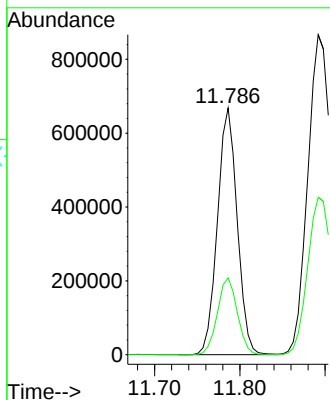
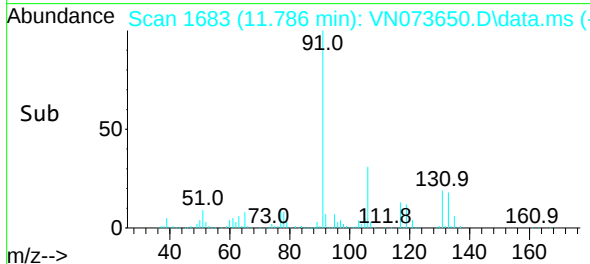
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



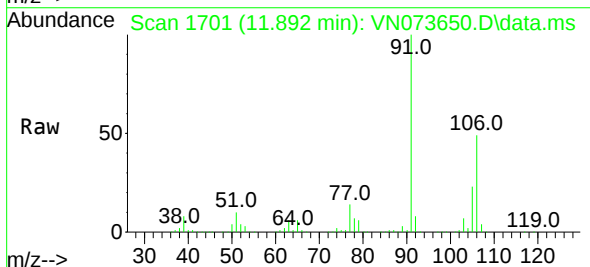
Tgt Ion: 91 Resp: 1076379
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

Manual Integrations
APPROVED

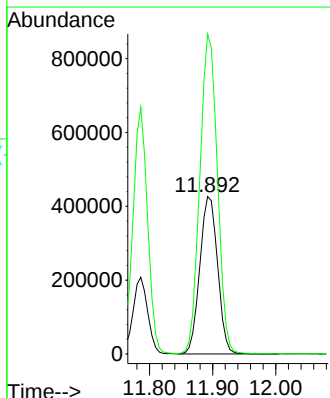
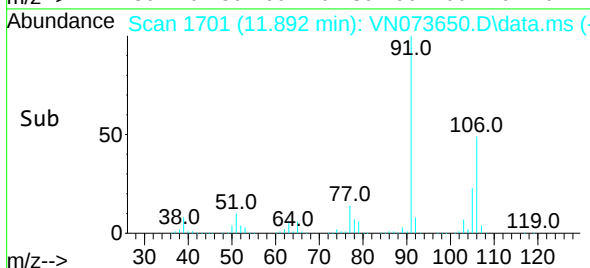
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

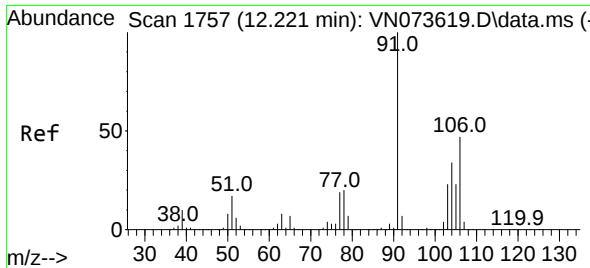


#68
m/p-Xylenes
Concen: 105.485 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29



Tgt Ion:106 Resp: 834088
Ion Ratio Lower Upper
106 100
91 200.8 158.9 238.3





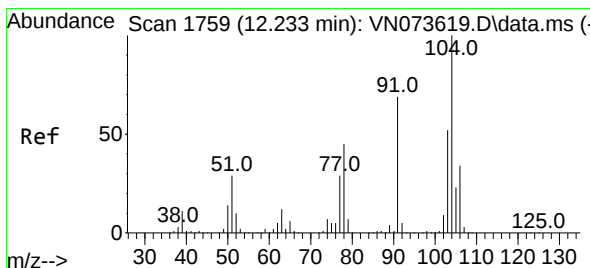
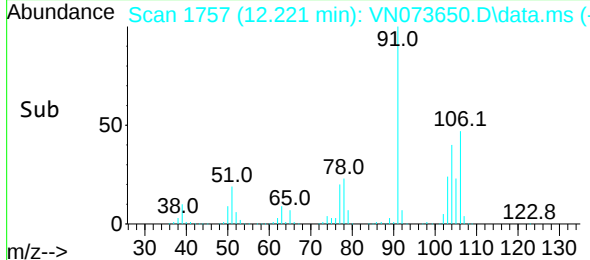
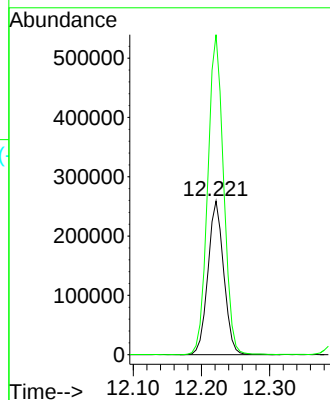
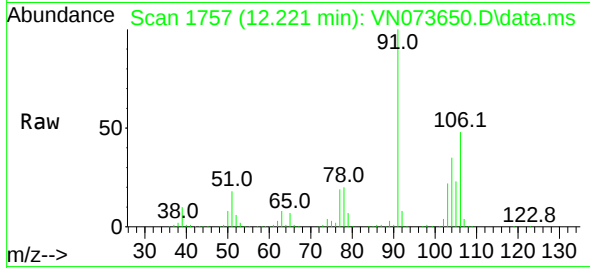
#69
o-Xylene
Concen: 54.089 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 416960
Ion Ratio Lower Upper
106 100
91 209.4 106.0 318.0

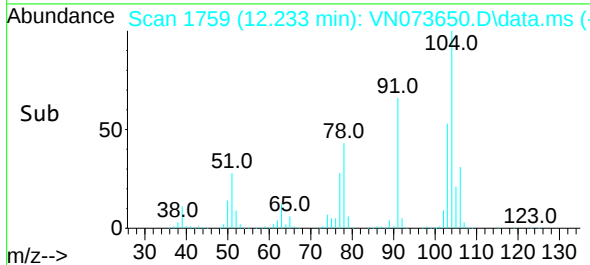
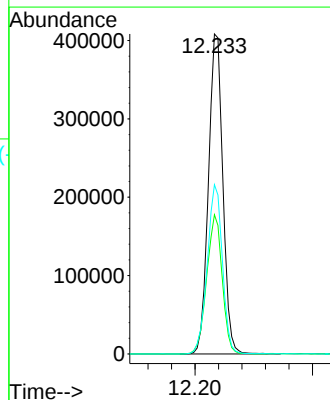
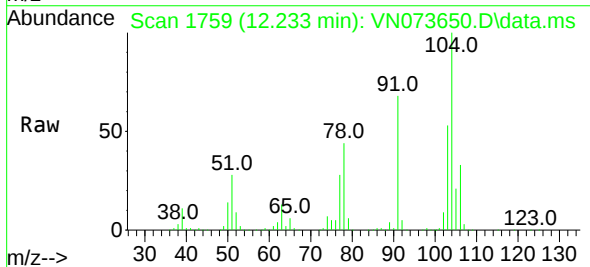
Manual Integrations
APPROVED

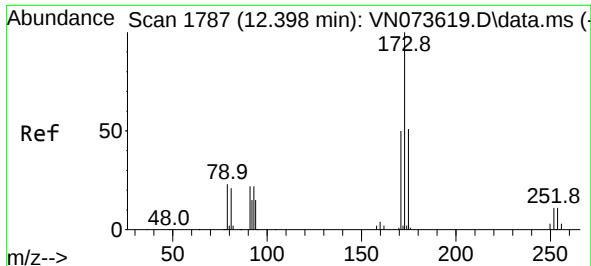
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#70
Styrene
Concen: 56.256 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

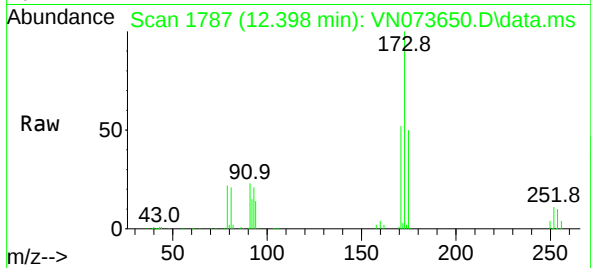
Tgt Ion:104 Resp: 694215
Ion Ratio Lower Upper
104 100
78 46.7 39.5 59.3
103 55.7 44.0 66.0





#71
Bromoform
Concen: 53.385 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

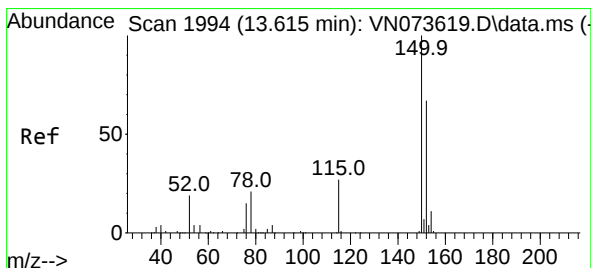
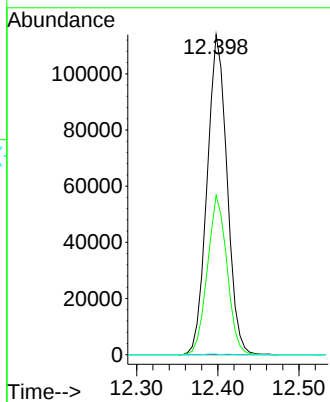
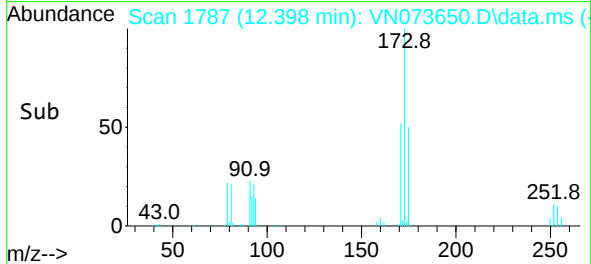
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 19422
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.6
254 0.1 0.1 0.1

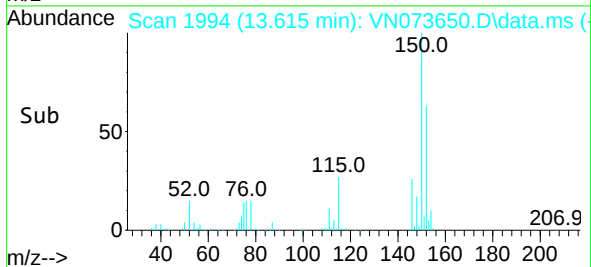
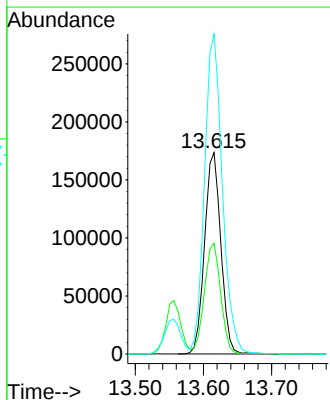
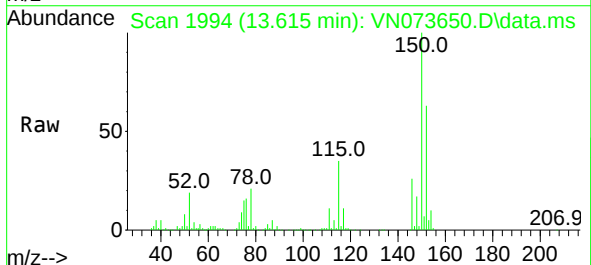
Manual Integrations
APPROVED

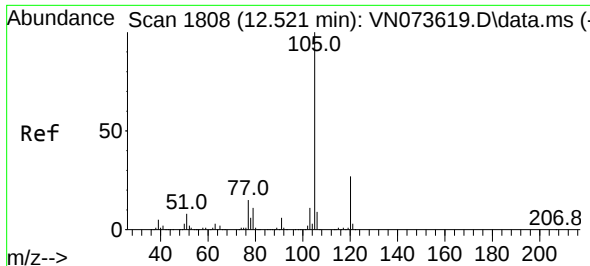
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

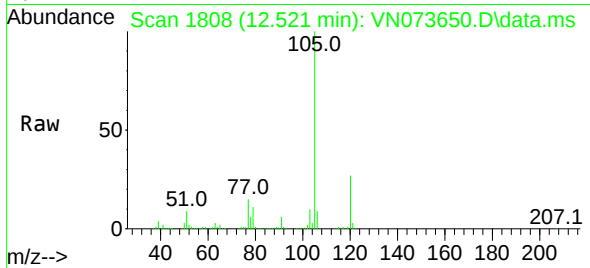
Tgt Ion:152 Resp: 288421
Ion Ratio Lower Upper
152 100
115 55.0 28.9 86.7
150 174.3 0.0 356.2





#73
Isopropylbenzene
Concen: 50.941 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

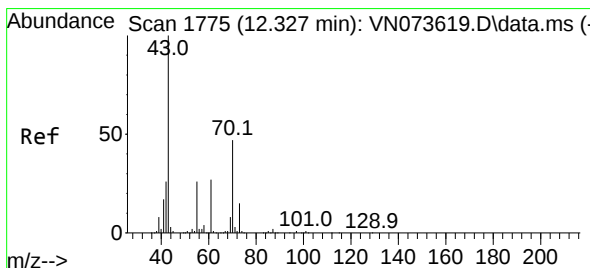
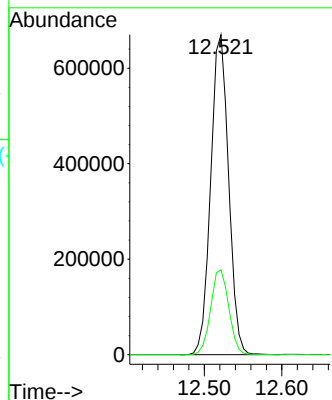
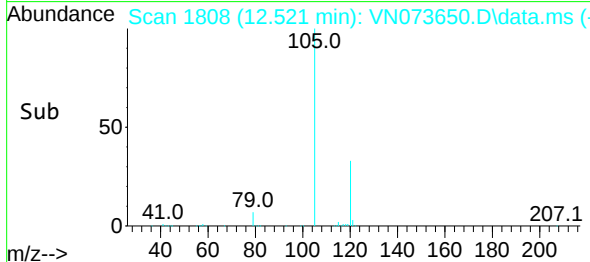
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 1075536
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4

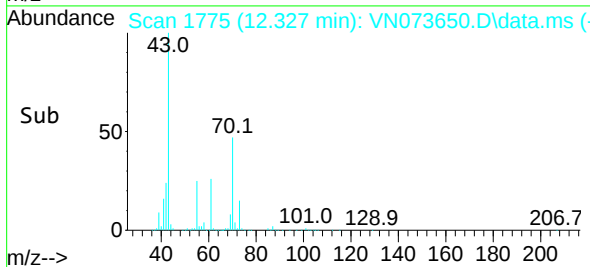
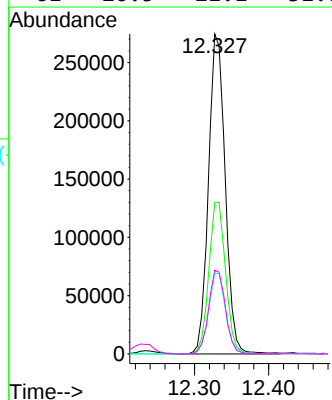
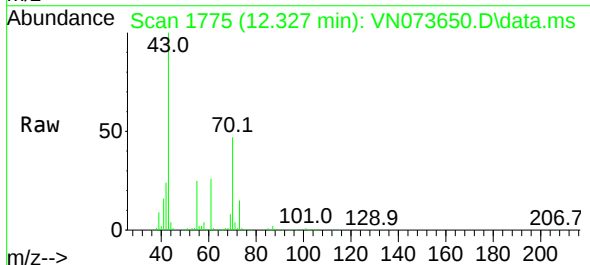
Manual Integrations
APPROVED

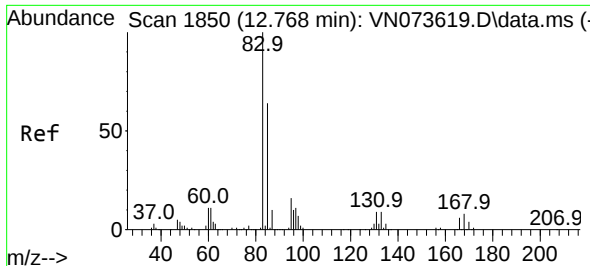
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#74
N-ethyl acetate
Concen: 53.978 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

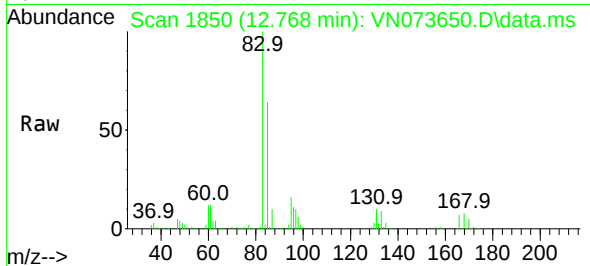
Tgt Ion: 43 Resp: 430593
Ion Ratio Lower Upper
43 100
70 47.6 39.0 58.4
55 25.8 21.1 31.7
61 26.5 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 45.069 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

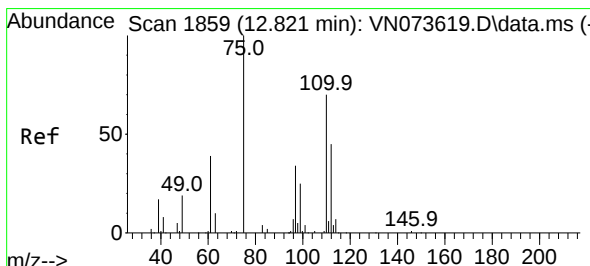
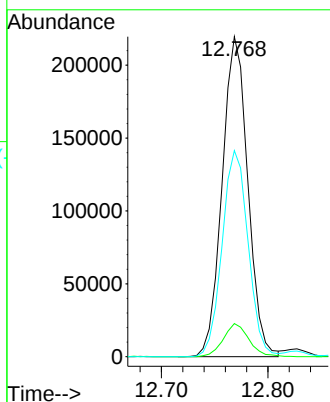
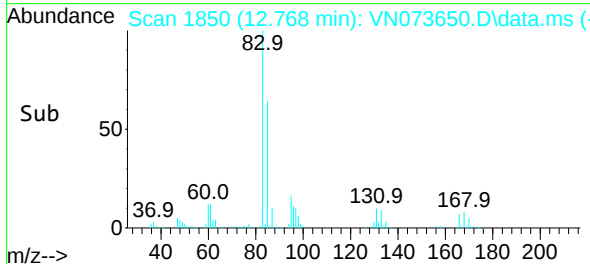
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 36718
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.9
85 65.2 32.3 96.9

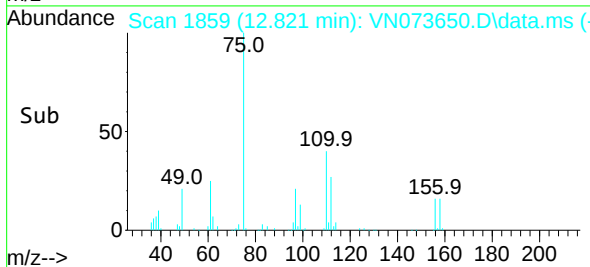
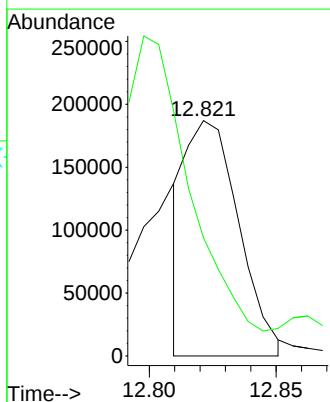
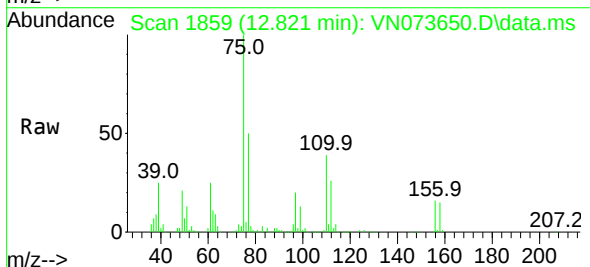
Manual Integrations
APPROVED

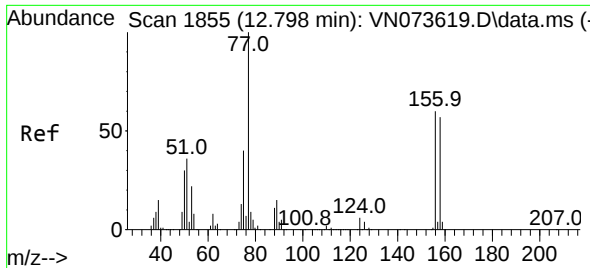
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#76
1,2,3-Trichloropropane
Concen: 51.997 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

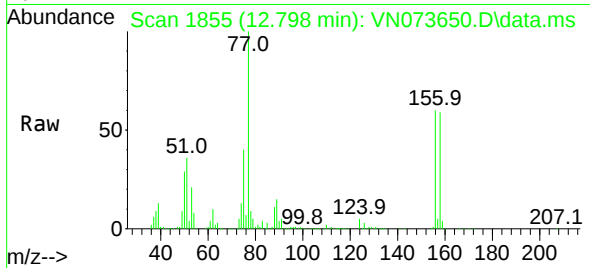
Tgt Ion: 75 Resp: 274052
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 48.867 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

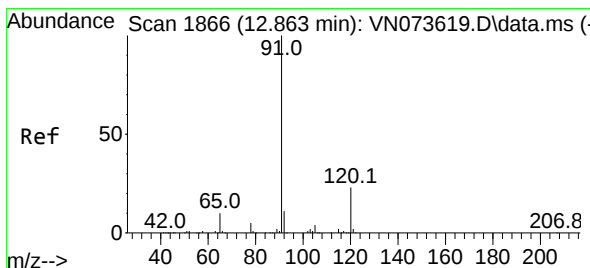
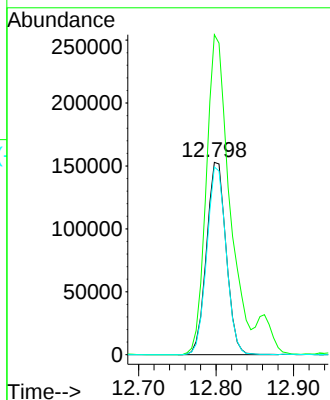
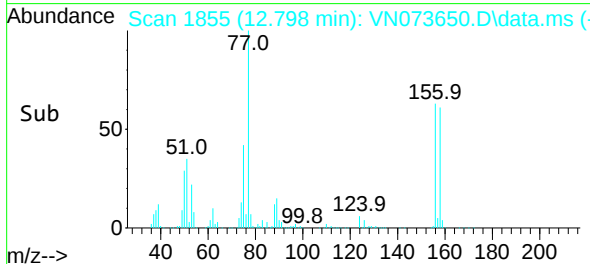
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



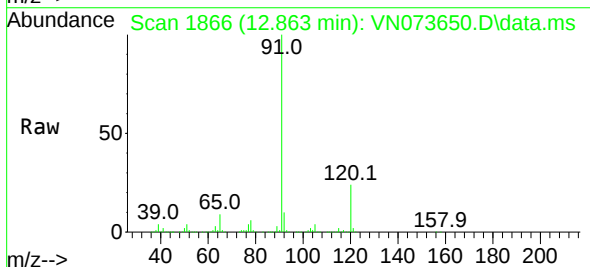
Tgt Ion:156 Resp: 268679
Ion Ratio Lower Upper
156 100
77 196.0 100.5 301.5
158 96.4 48.9 146.6

Manual Integrations
APPROVED

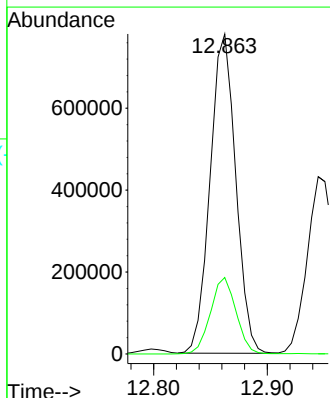
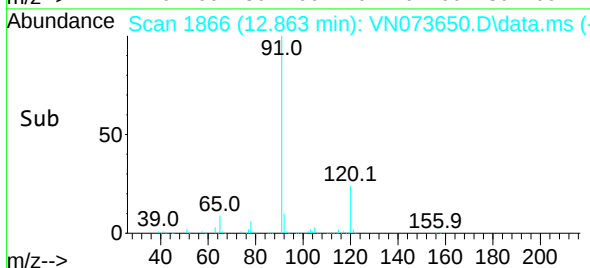
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#78
n-propylbenzene
Concen: 51.552 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29



Tgt Ion: 91 Resp: 1224675
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5





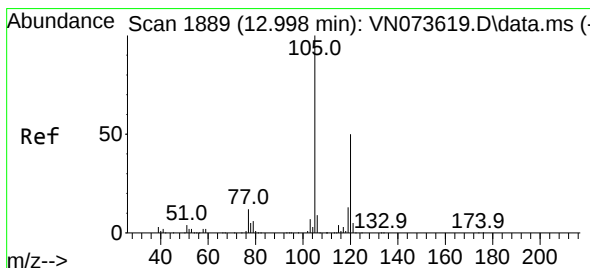
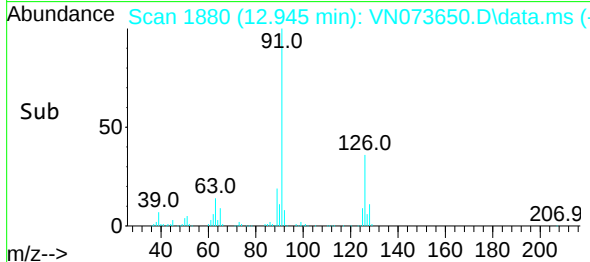
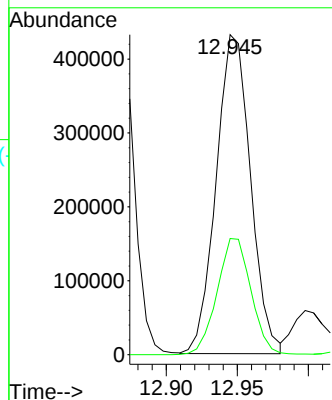
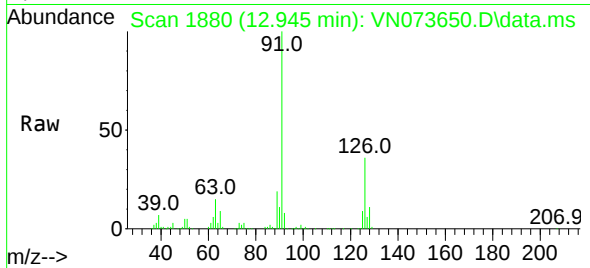
#79
2-Chlorotoluene
Concen: 49.041 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 727130
Ion Ratio Lower Upper
91 100
126 36.0 17.3 51.9

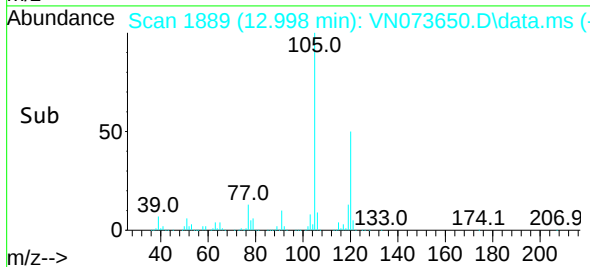
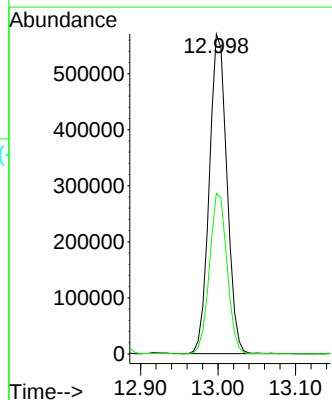
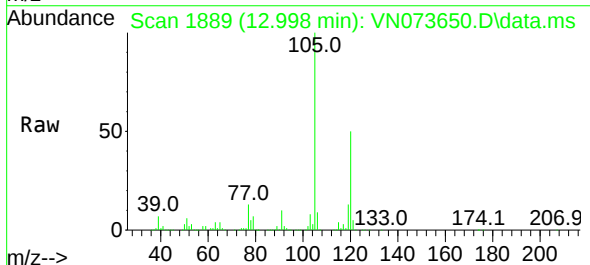
Manual Integrations
APPROVED

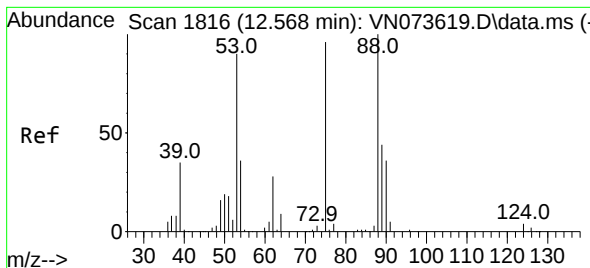
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.706 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

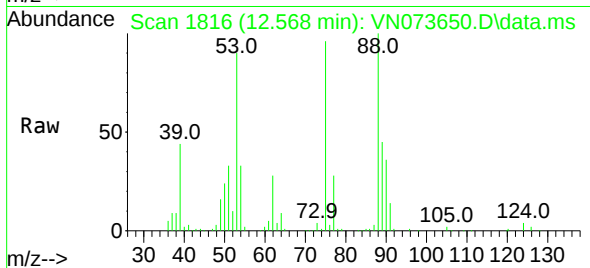
Tgt Ion:105 Resp: 898383
Ion Ratio Lower Upper
105 100
120 50.4 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 49.046 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

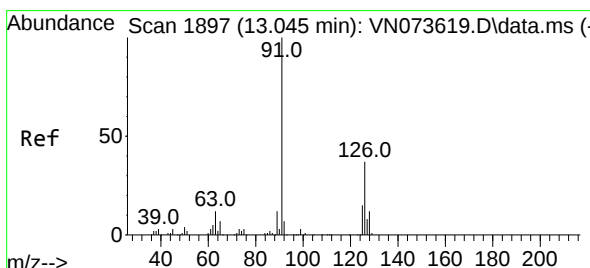
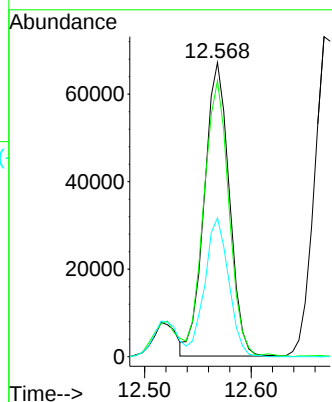
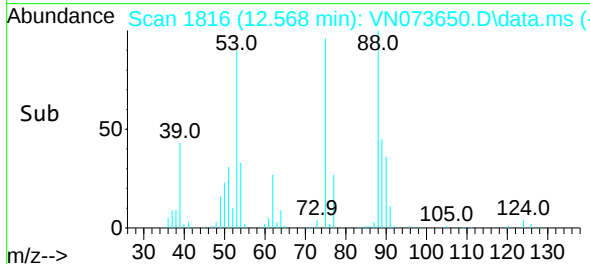
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 109150
Ion Ratio Lower Upper
75 100
53 93.2 78.0 117.0
89 45.4 37.2 55.8

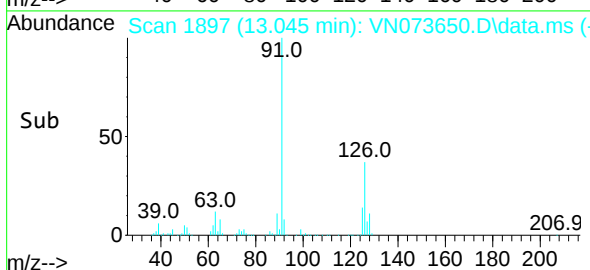
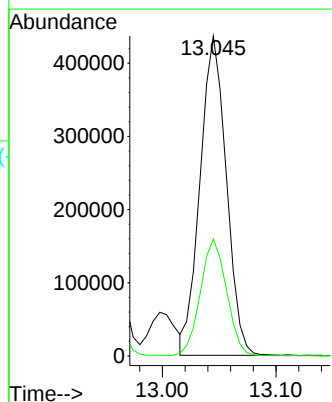
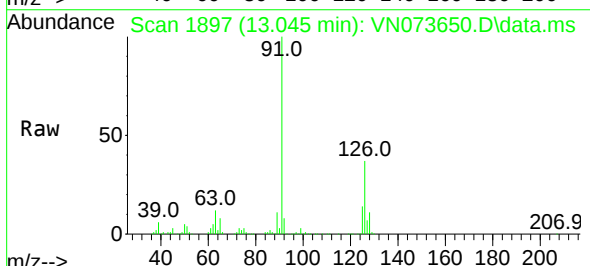
Manual Integrations
APPROVED

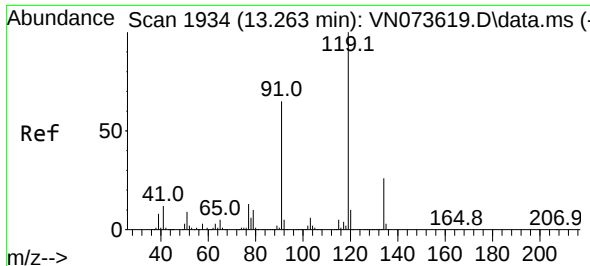
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#82
4-Chlorotoluene
Concen: 49.808 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

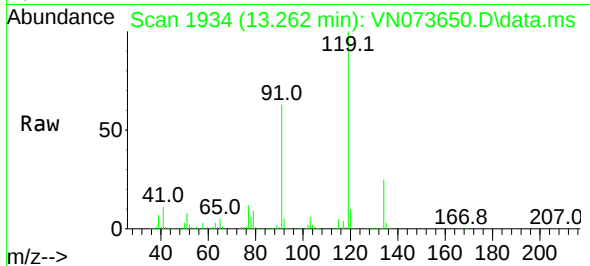
Tgt Ion: 91 Resp: 699930
Ion Ratio Lower Upper
91 100
126 36.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 53.947 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

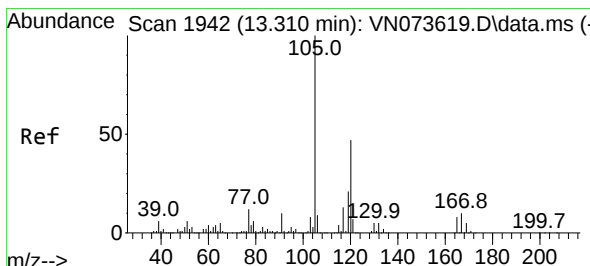
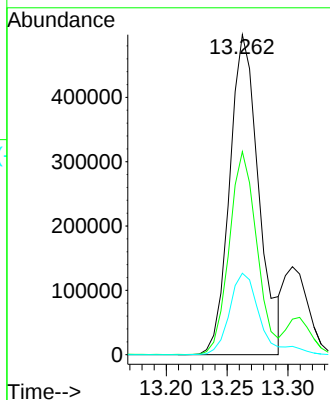
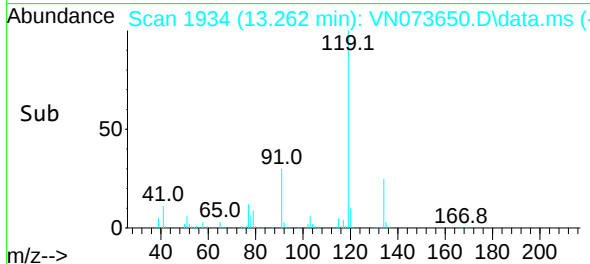
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



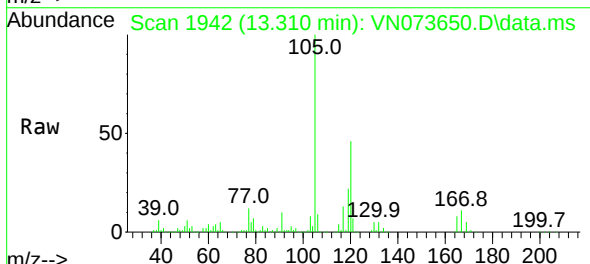
Tgt Ion:119 Resp: 830239
Ion Ratio Lower Upper
119 100
91 60.1 31.6 94.8
134 26.8 13.7 41.1

Manual Integrations
APPROVED

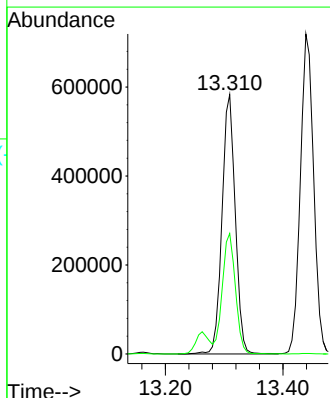
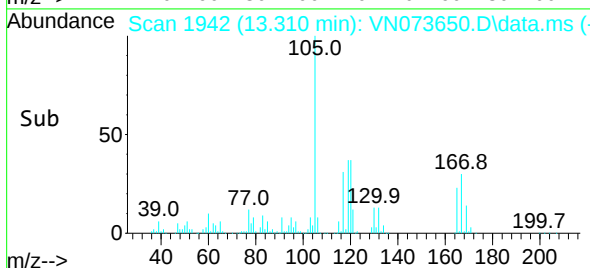
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#84
1,2,4-Trimethylbenzene
Concen: 53.354 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29



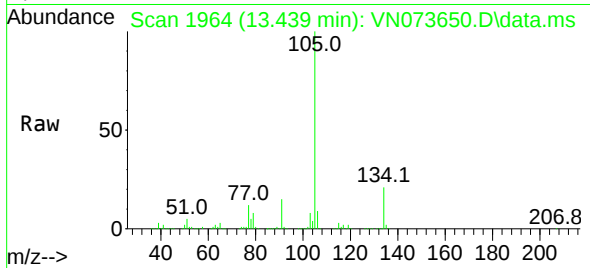
Tgt Ion:105 Resp: 911527
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 53.030 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073650.D
 Acq: 29 Jul 2022 21:29

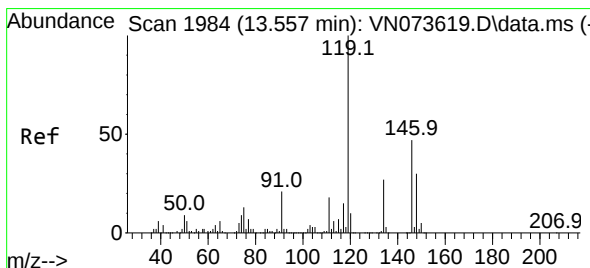
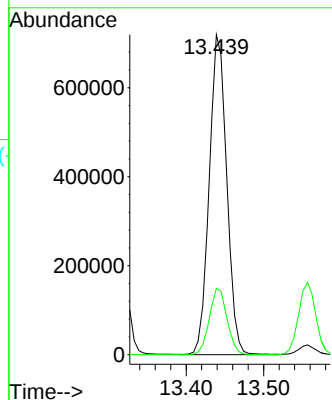
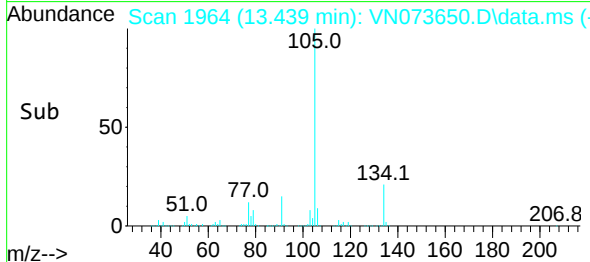
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



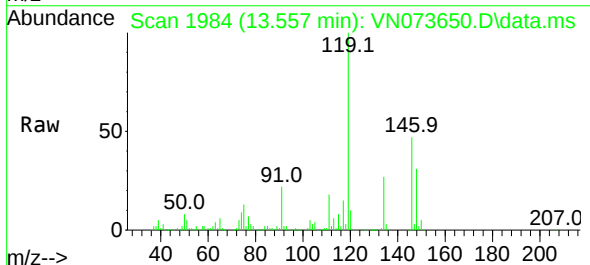
Tgt Ion:105 Resp: 1127979
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1

Manual Integrations
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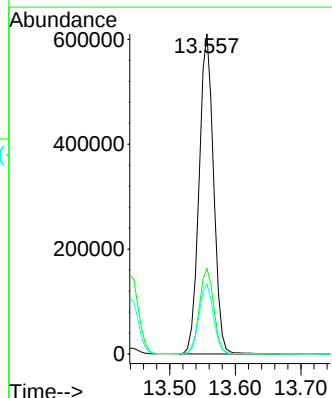
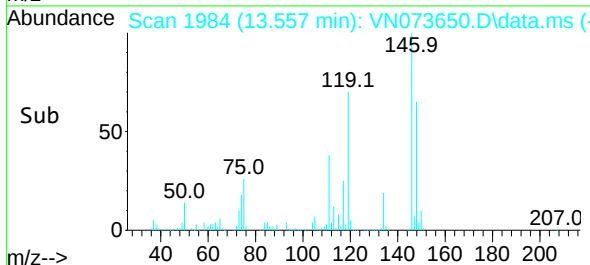
Reviewed By :John Carlone 08/01/2022
 Supervised By :Mahesh Dadoda 08/01/2022

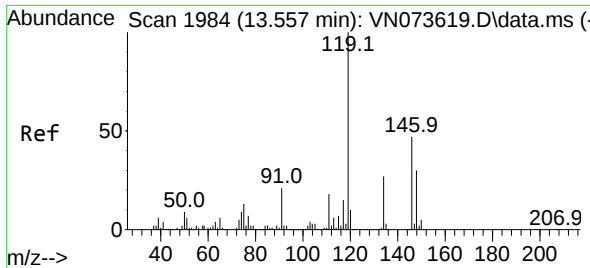


#86
 p-Isopropyltoluene
 Concen: 55.858 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073650.D
 Acq: 29 Jul 2022 21:29



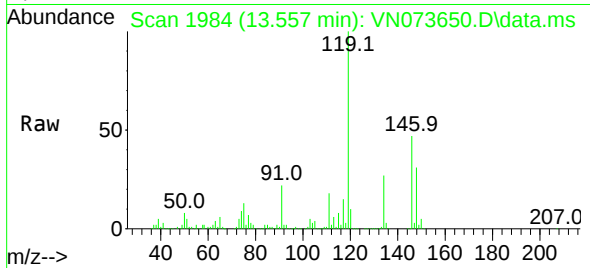
Tgt Ion:119 Resp: 936621
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 21.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 48.182 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

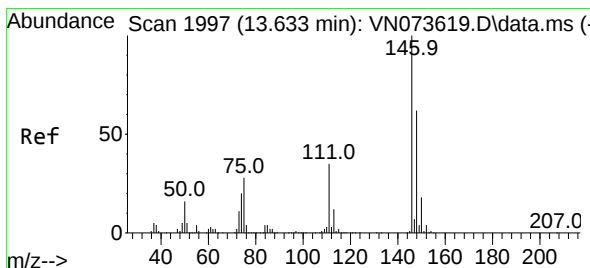
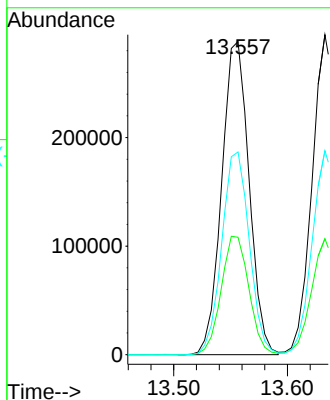
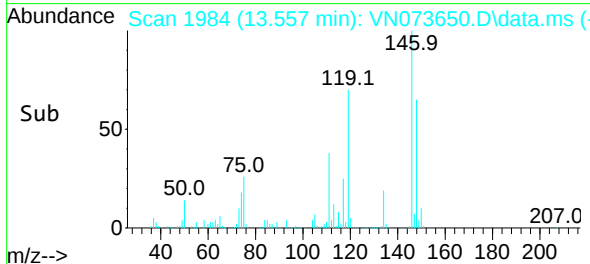
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



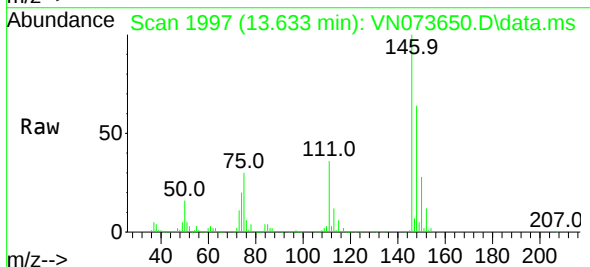
Tgt Ion:146 Resp: 483558
Ion Ratio Lower Upper
146 100
111 38.3 20.0 60.0
148 65.2 32.0 96.0

Manual Integrations
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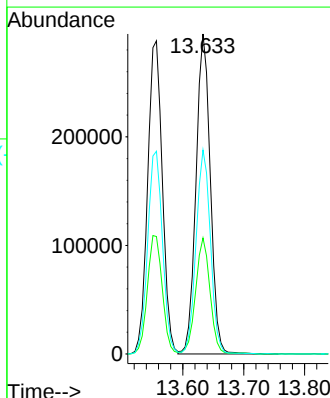
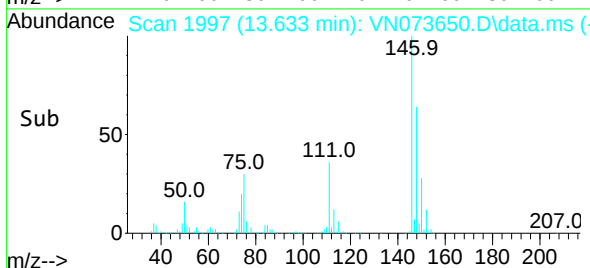
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

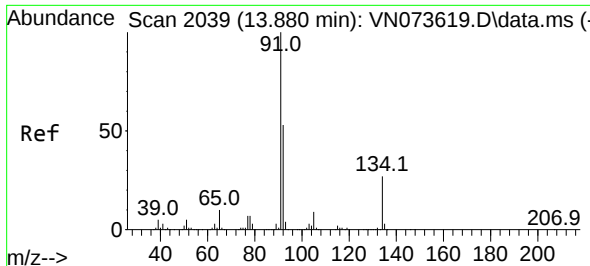


#88
1,4-Dichlorobenzene
Concen: 47.905 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29



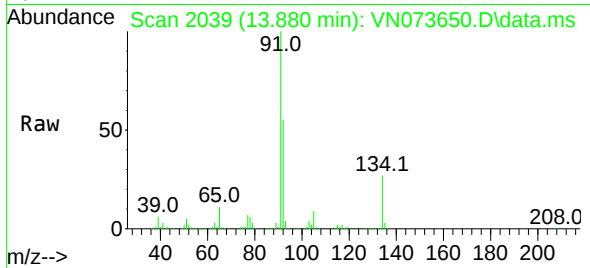
Tgt Ion:146 Resp: 481034
Ion Ratio Lower Upper
146 100
111 35.7 19.1 57.1
148 64.1 31.4 94.3





#89
n-Butylbenzene
Concen: 53.261 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

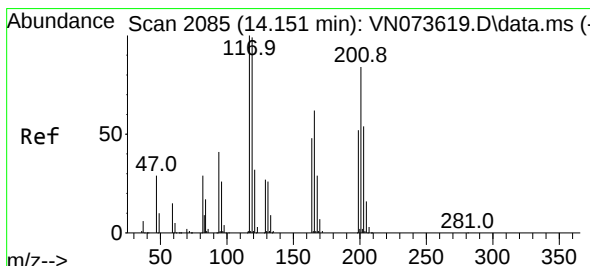
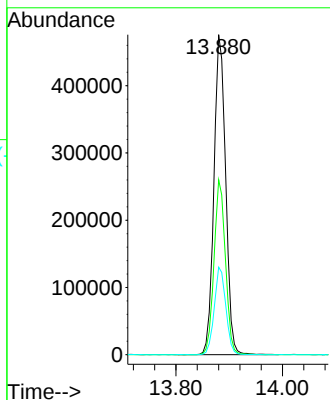
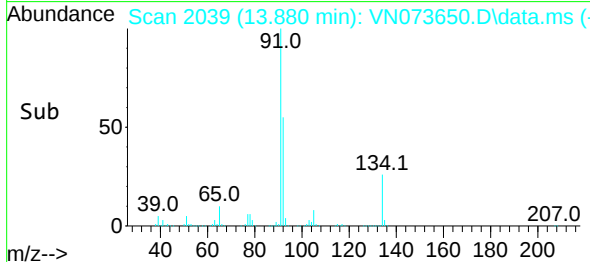
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 726658
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.7
134 27.0 13.6 40.8

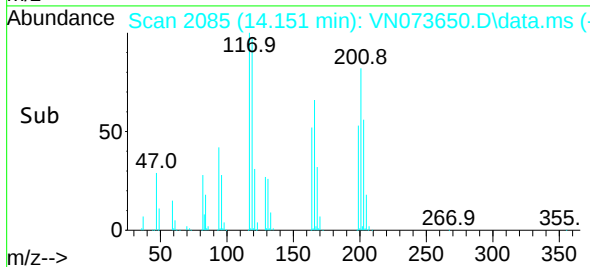
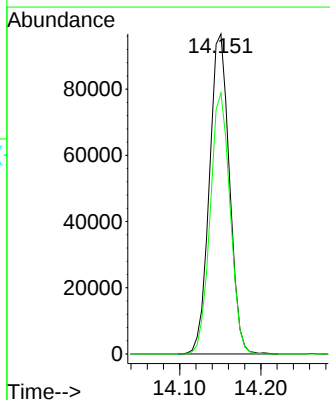
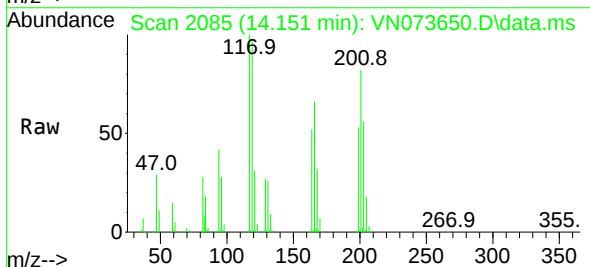
Manual Integrations
APPROVED

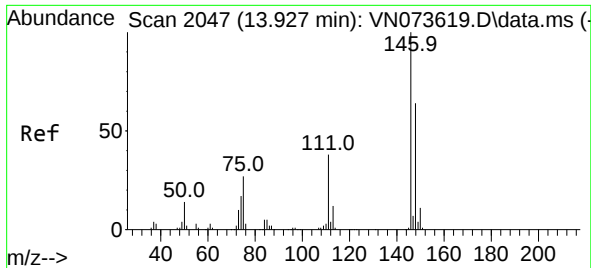
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#90
Hexachloroethane
Concen: 49.734 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

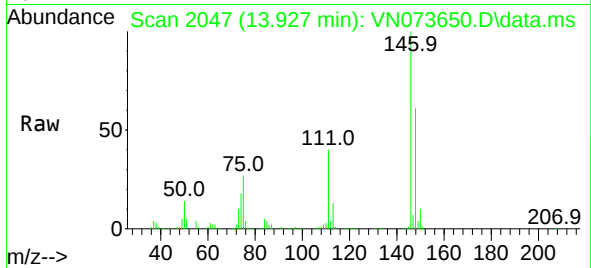
Tgt Ion:117 Resp: 165460
Ion Ratio Lower Upper
117 100
201 81.2 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 49.049 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

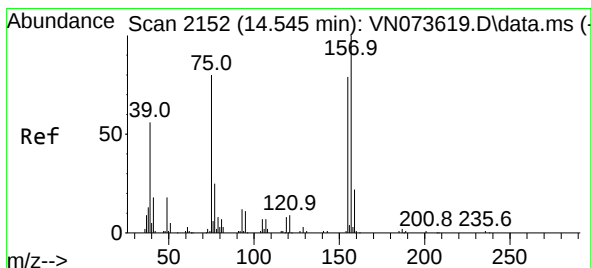
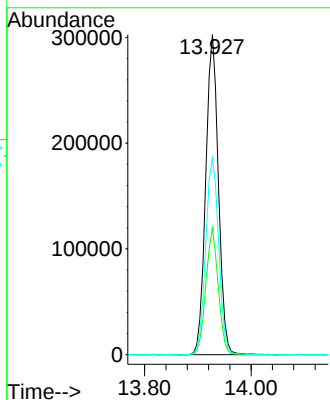
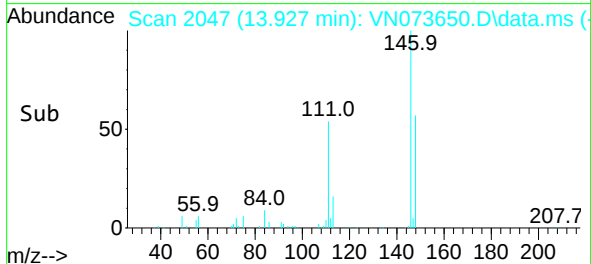
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



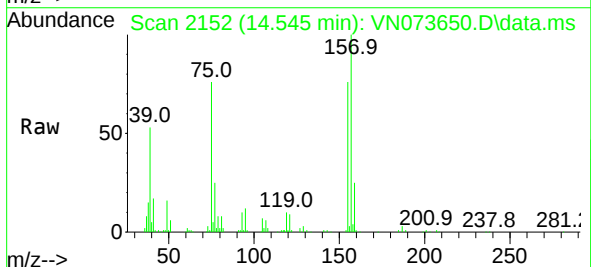
Tgt Ion:146 Resp: 498819
Ion Ratio Lower Upper
146 100
111 38.9 20.9 62.8
148 63.1 32.1 96.3

Manual Integrations
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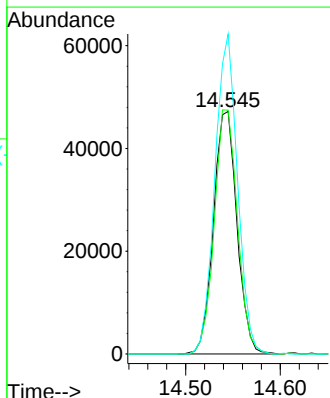
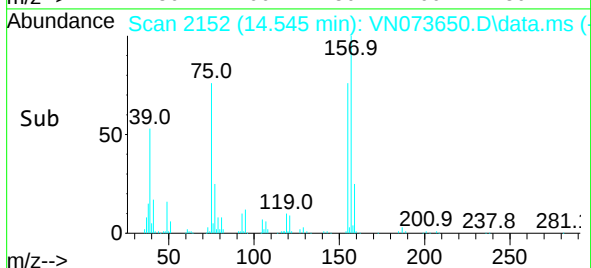
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

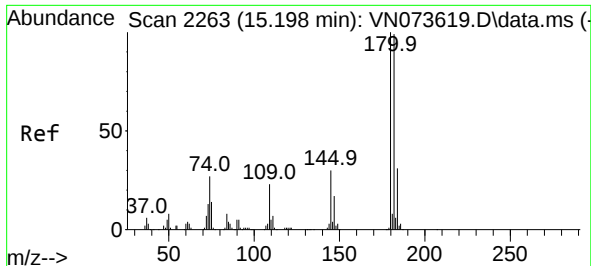


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.700 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29



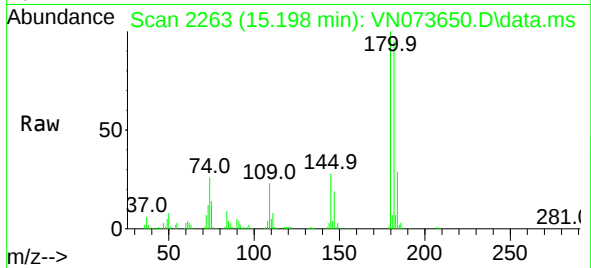
Tgt Ion: 75 Resp: 81356
Ion Ratio Lower Upper
75 100
155 99.6 44.9 134.5
157 126.8 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 55.066 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

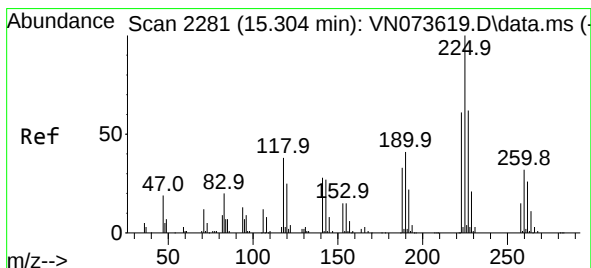
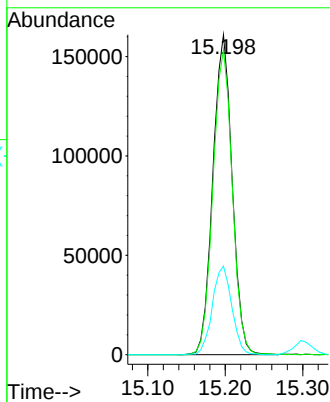
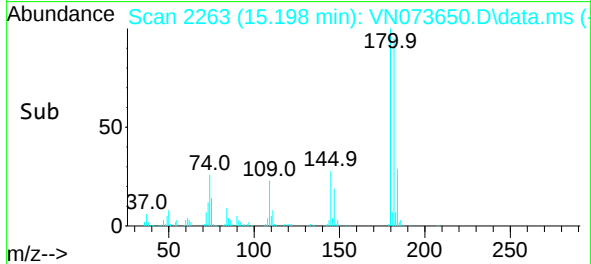
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



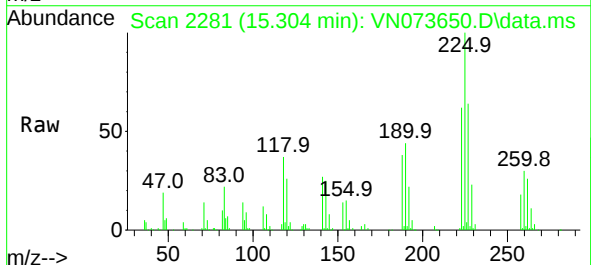
Tgt Ion:180 Resp: 278100
Ion Ratio Lower Upper
180 100
182 95.7 47.5 142.5
145 28.0 14.5 43.5

Manual Integrations
APPROVED

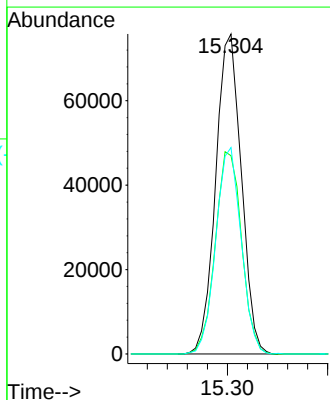
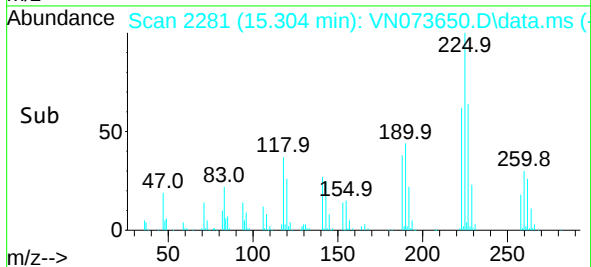
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

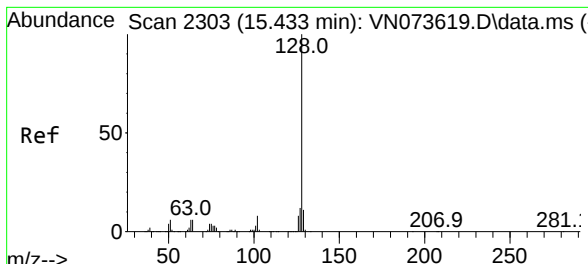


#94
Hexachlorobutadiene
Concen: 48.925 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29



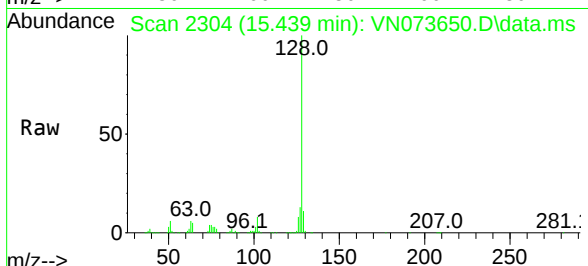
Tgt Ion:225 Resp: 134327
Ion Ratio Lower Upper
225 100
223 64.8 32.4 97.2
227 63.8 31.8 95.4





#95
Naphthalene
Concen: 58.809 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

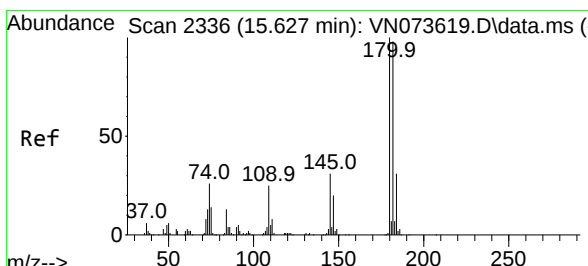
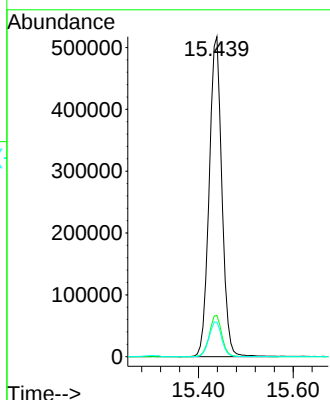
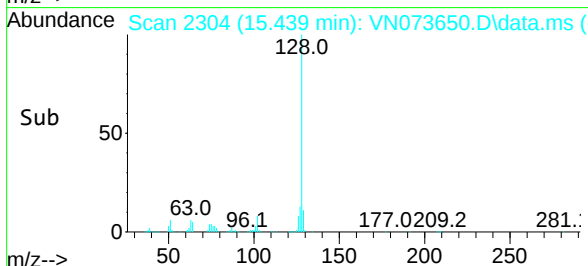
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 963800
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 53.897 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VN073650.D
Acq: 29 Jul 2022 21:29

Tgt Ion:180 Resp: 286482
Ion Ratio Lower Upper
180 100
182 95.6 47.8 143.3
145 29.8 15.5 46.5

