

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071808.D
 Acq On : 02 Apr 2022 19:22
 Operator : JC\MD
 Sample : N2200-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP033022

Quant Time: Apr 04 01:09:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	649961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1107534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1120417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	430890	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	369845	49.844	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.680%
35) Dibromofluoromethane	8.022	113	313183	48.055	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.100%
50) Toluene-d8	10.439	98	1394188	52.294	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.580%
62) 4-Bromofluorobenzene	12.727	95	485328	56.287	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	112.580%

Target Compounds				Qvalue		
3) Chloromethane	2.228	50	57816	8.830	ug/l #	43
6) Chloroethane	3.228	64	1967	0.380	ug/l #	42
8) Diethyl Ether	3.822	74	3167	0.819	ug/l	80
11) Tert butyl alcohol	5.363	59	154856	128.602	ug/l	100
14) Allyl chloride	4.963	41	4463	0.513	ug/l #	1
15) Acrylonitrile	5.610	53	12894	3.684	ug/l #	50
16) Acetone	4.299	43	19927	6.284	ug/l	93
17) Carbon Disulfide	4.528	76	15368	1.249	ug/l	99
18) Methyl Acetate	4.851	43	1565	Below Cal	#	62
19) Methyl tert-butyl Ether	5.616	73	1163193	58.362	ug/l	99
20) Methylene Chloride	5.093	84	1747	0.261	ug/l #	60
22) Diisopropyl ether	6.487	45	37019	1.953	ug/l #	88
23) Vinyl Acetate	6.498	43	18926	1.256	ug/l #	68
25) 2-Butanone	7.340	43	5760	1.260	ug/l #	79
31) Cyclohexane	8.087	56	27297	2.705	ug/l #	70
36) 1,1-Dichloropropene	8.087	75	45957	5.050	ug/l #	48
37) Ethyl Acetate	7.340	43	5760	0.578	ug/l #	67
38) Carbon Tetrachloride	8.081	117	58616	6.572	ug/l #	17
39) Methylcyclohexane	9.457	83	8601	0.794	ug/l	90
40) Benzene	8.457	78	1644702	57.208	ug/l	100
42) 1,2-Dichloroethane	8.522	62	57795	5.811	ug/l	97
43) Isopropyl Acetate	8.534	43	3328	0.201	ug/l #	1
51) 4-Methyl-2-Pentanone	10.322	43	2320	0.244	ug/l #	76
52) Toluene	10.504	92	87447	4.812	ug/l	99
59) 2-Hexanone	11.086	43	1456	0.217	ug/l	62
67) Ethyl Benzene	11.845	91	257197	6.772	ug/l	98
68) m/p-Xylenes	11.951	106	162998	11.170	ug/l	100
69) o-Xylene	12.275	106	25893	1.788	ug/l	99
73) Isopropylbenzene	12.575	105	10549	0.291	ug/l	96
76) 1,2,3-Trichloropropane	12.727	75	236106	23.653	ug/l #	1
78) n-propylbenzene	12.916	91	28236	0.739	ug/l	96
79) 2-Chlorotoluene	12.980	91	5281	0.216	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.057	105	24880	0.865	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.727	75	236106	73.301	ug/l #	10
83) tert-Butylbenzene	13.363	119	10540	0.401	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.363	105	78759	2.806	ug/l	100

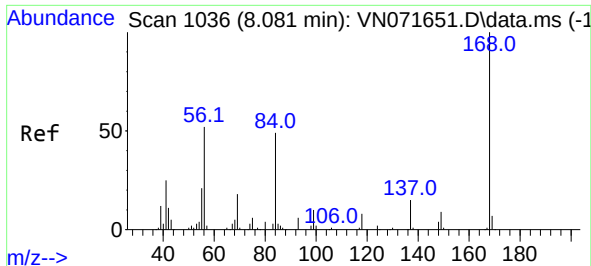
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071808.D
 Acq On : 02 Apr 2022 19:22
 Operator : JC\MD
 Sample : N2200-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP033022

Quant Time: Apr 04 01:09:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.363	105	78759	2.310	ug/l #	56
90) Hexachloroethane	14.210	117	1025	0.206	ug/l #	9
93) 1,2,4-Trichlorobenzene	15.268	180	506	2.156	ug/l #	76
95) Naphthalene	15.504	128	90818	8.079	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	439	2.477	ug/l #	52

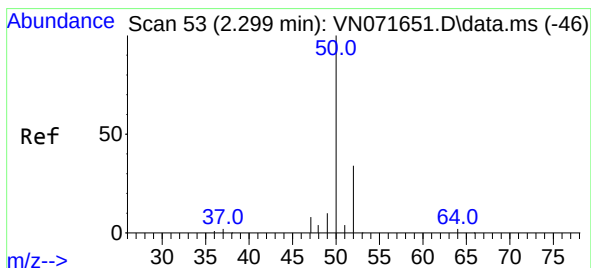
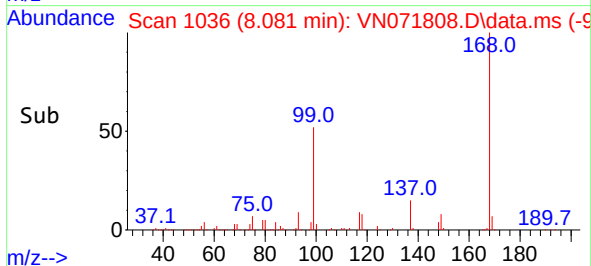
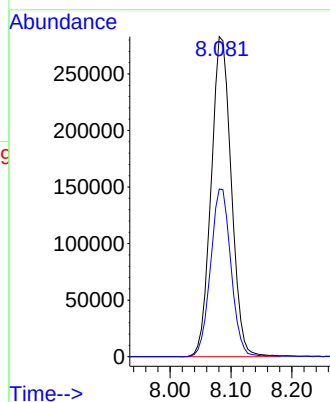
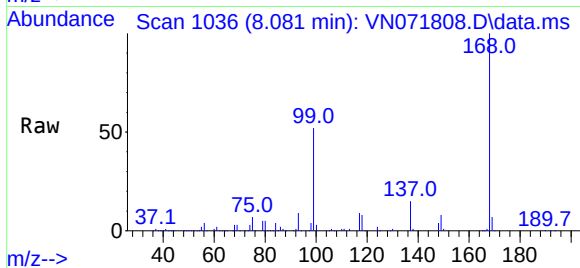
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

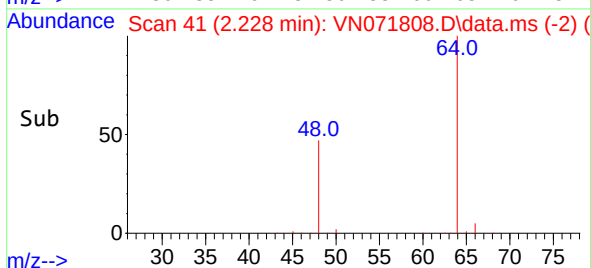
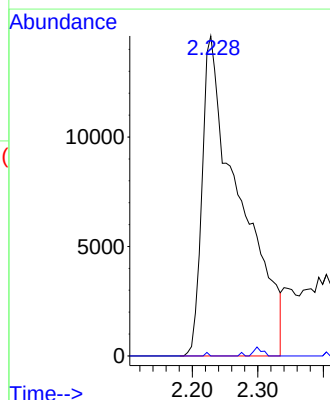
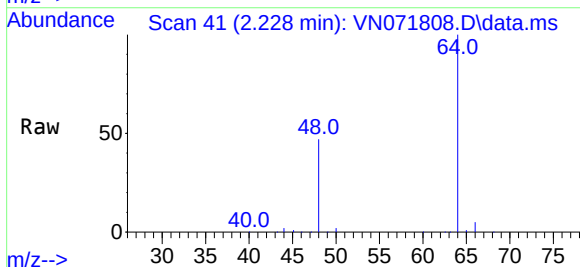
Instrument :
MSVOA_N
ClientSampleId :
DUP033022

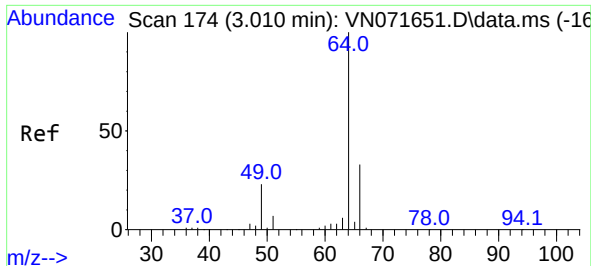
Tgt Ion:168 Resp: 649961
Ion Ratio Lower Upper
168 100
99 52.4 42.3 63.5



#3
Chloromethane
Concen: 8.830 ug/l
RT: 2.228 min Scan# 41
Delta R.T. -0.071 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion: 50 Resp: 57816
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

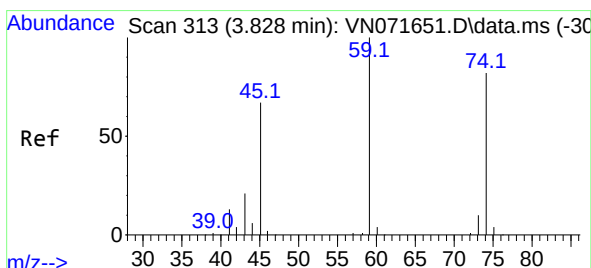
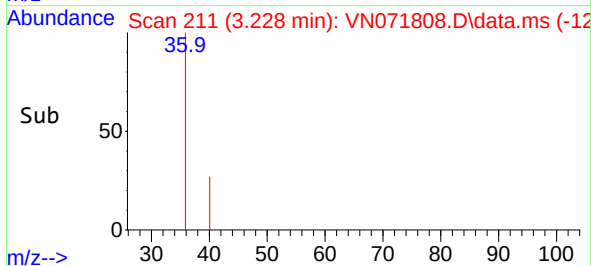
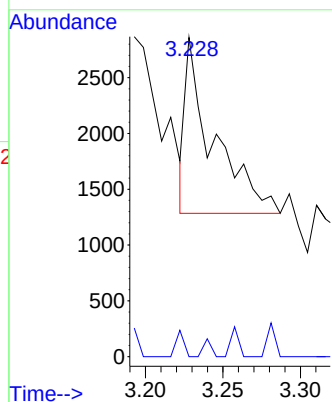
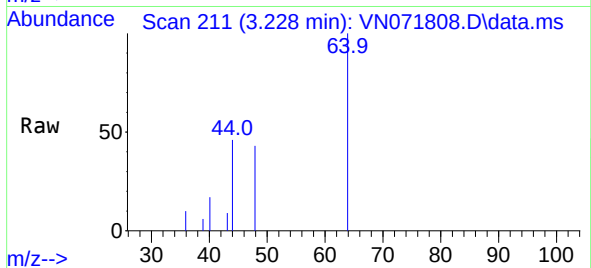




#6
Chloroethane
Concen: 0.380 ug/l
RT: 3.228 min Scan# 211
Delta R.T. 0.218 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

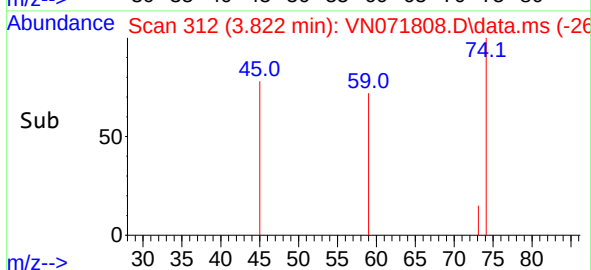
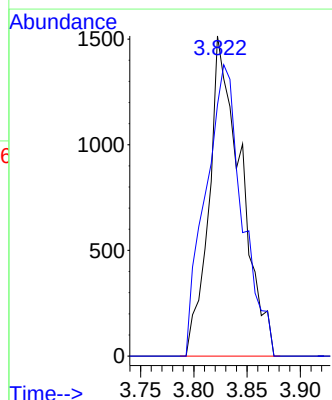
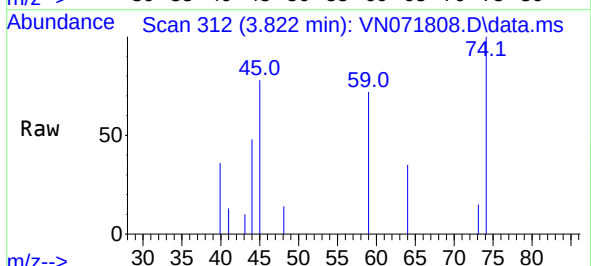
Instrument :
MSVOA_N
ClientSampleId :
DUP033022

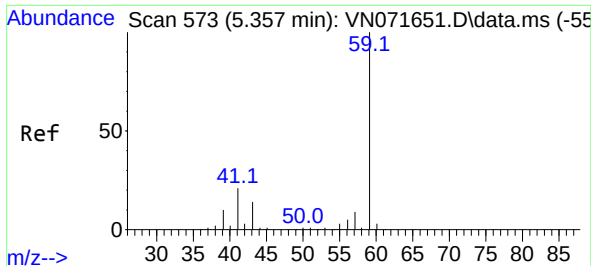
Tgt Ion: 64 Resp: 1967
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#8
Diethyl Ether
Concen: 0.819 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion: 74 Resp: 3167
Ion Ratio Lower Upper
74 100
45 104.5 42.9 128.5

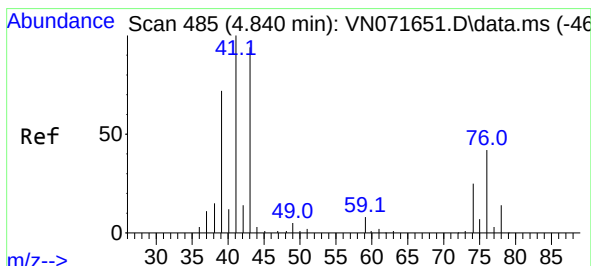
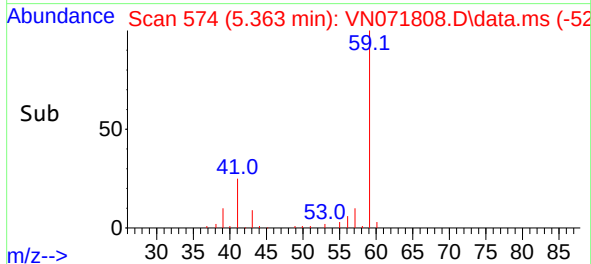
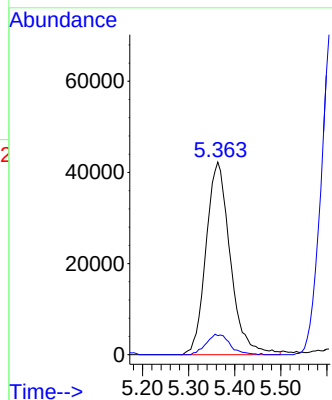
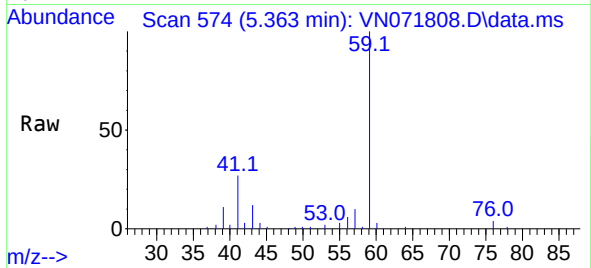




#11
Tert butyl alcohol
Concen: 128.602 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

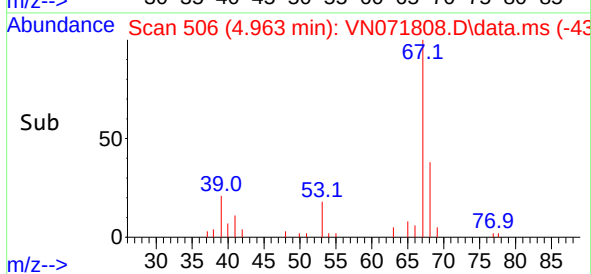
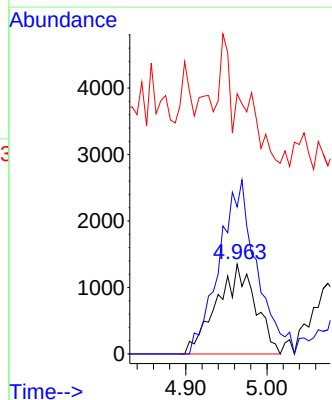
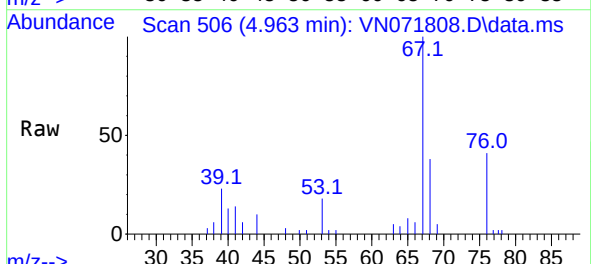
Instrument :
MSVOA_N
ClientSampleId :
DUP033022

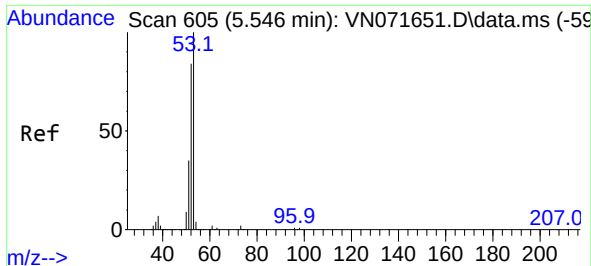
Tgt Ion: 59 Resp: 154856
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#14
Allyl chloride
Concen: 0.513 ug/l
RT: 4.963 min Scan# 506
Delta R.T. 0.123 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion: 41 Resp: 4463
Ion Ratio Lower Upper
41 100
39 187.4 53.2 79.8#
76 0.0 29.9 44.9#

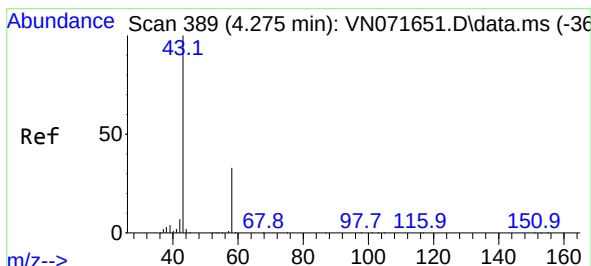
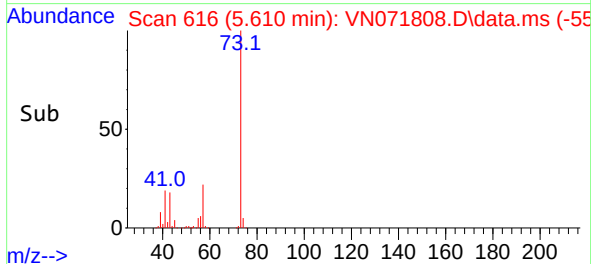
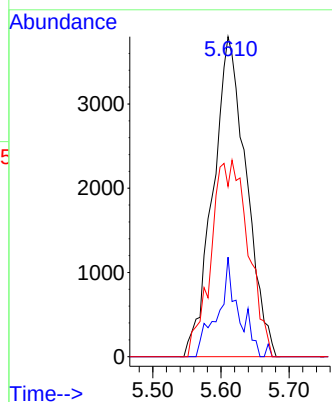
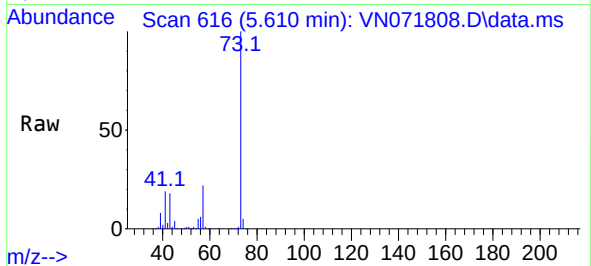




#15
Acrylonitrile
Concen: 3.684 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.064 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

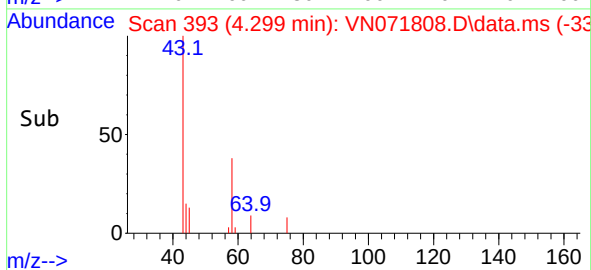
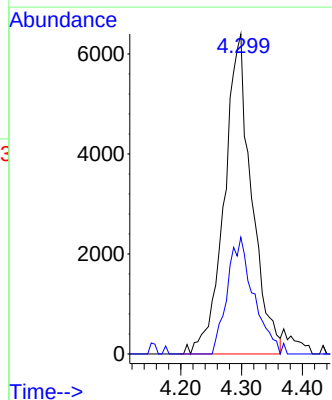
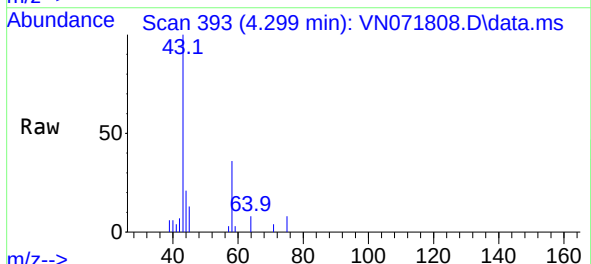
Instrument :
MSVOA_N
ClientSampleId :
DUP033022

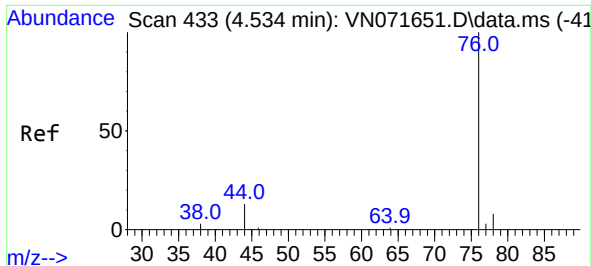
Tgt Ion: 53 Resp: 12894
Ion Ratio Lower Upper
53 100
52 19.4 66.4 99.6#
51 33.8 28.5 42.7



#16
Acetone
Concen: 6.284 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.024 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion: 43 Resp: 19927
Ion Ratio Lower Upper
43 100
58 36.5 26.0 39.0





#17

Carbon Disulfide

Concen: 1.249 ug/l

RT: 4.528 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN071808.D

Acq: 02 Apr 2022 19:22

Instrument :

MSVOA_N

ClientSampleId :

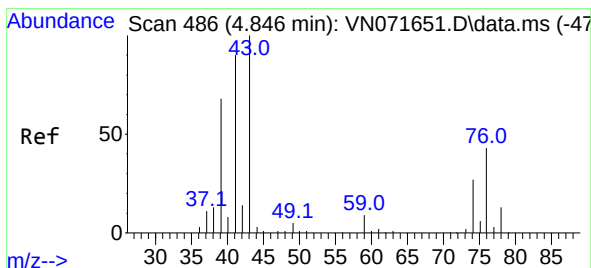
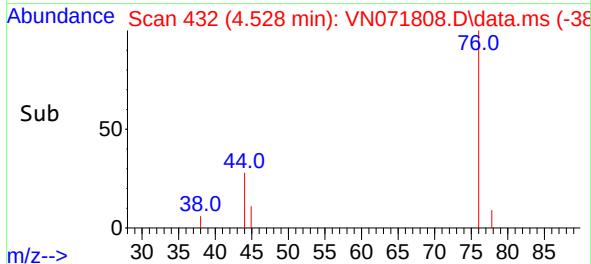
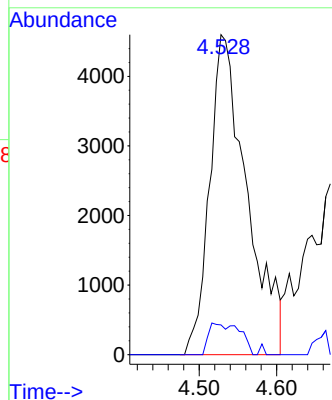
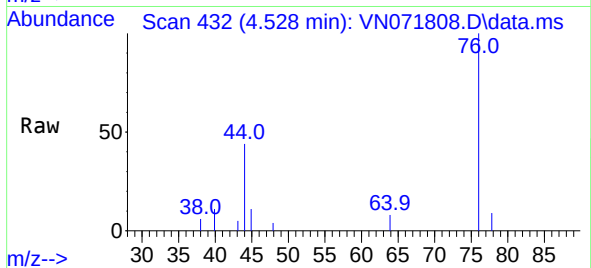
DUP033022

Tgt Ion: 76 Resp: 15368

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



#18

Methyl Acetate

Concen: Below Cal

RT: 4.851 min Scan# 487

Delta R.T. 0.005 min

Lab File: VN071808.D

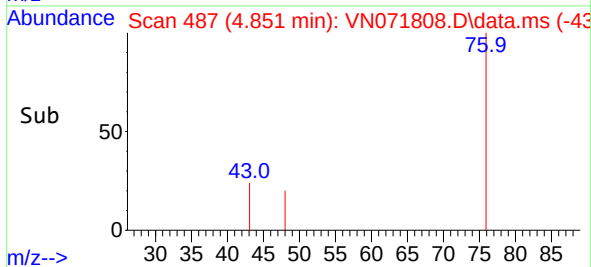
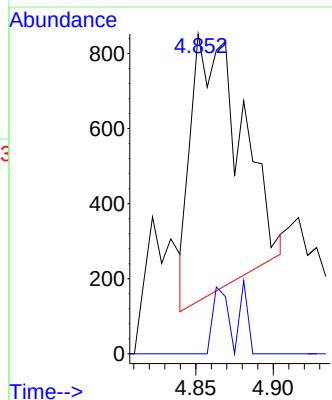
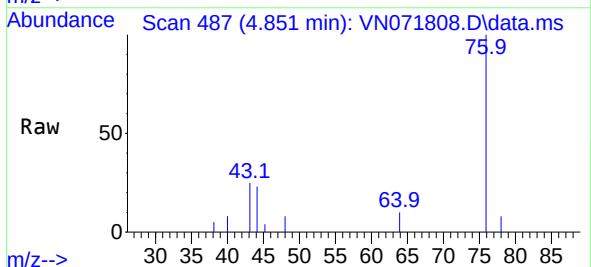
Acq: 02 Apr 2022 19:22

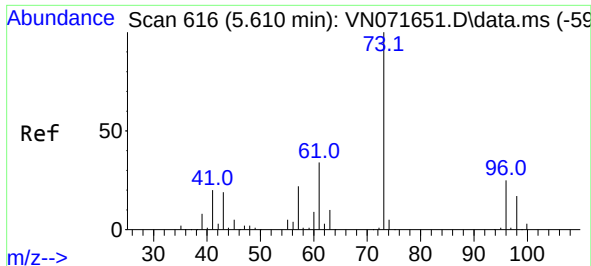
Tgt Ion: 43 Resp: 1565

Ion Ratio Lower Upper

43 100

74 7.4 21.6 32.4#

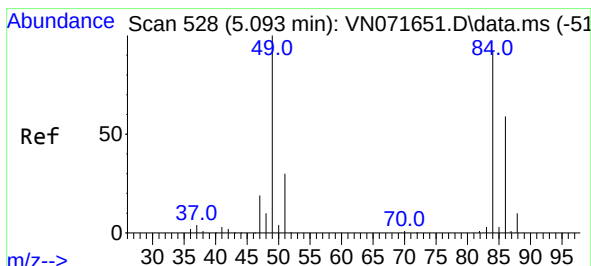
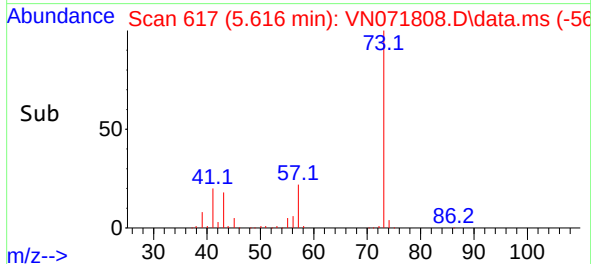
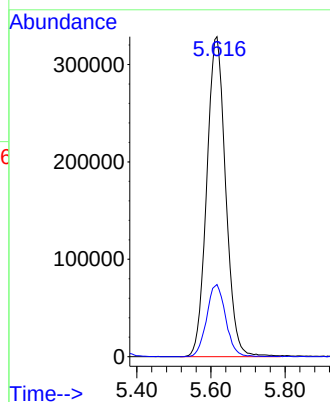
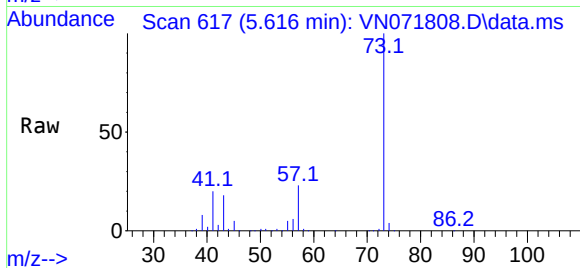




#19
Methyl tert-butyl Ether
Concen: 58.362 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

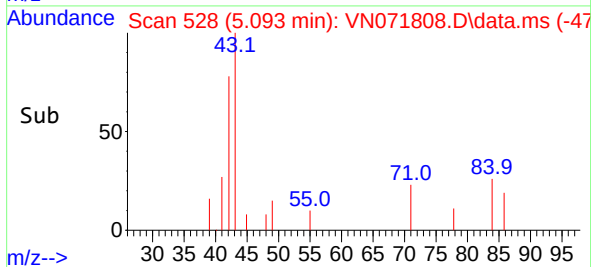
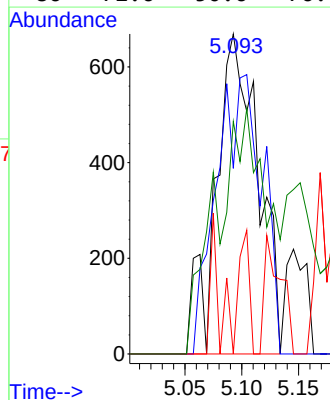
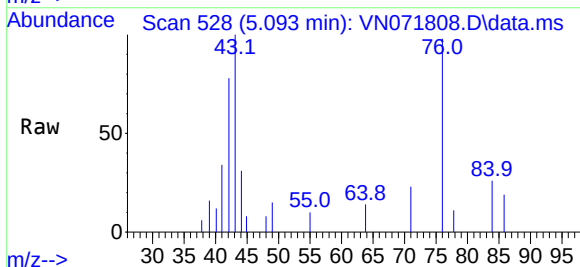
Instrument :
MSVOA_N
ClientSampleId :
DUP033022

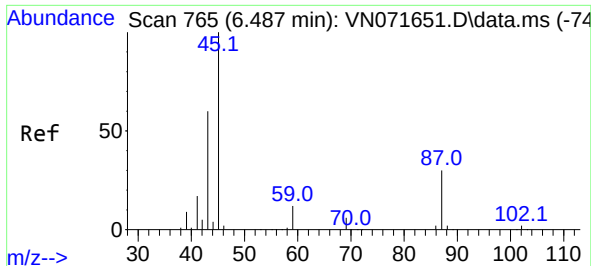
Tgt Ion: 73 Resp: 1163193
Ion Ratio Lower Upper
73 100
57 22.6 17.6 26.4



#20
Methylene Chloride
Concen: 0.261 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion: 84 Resp: 1747
Ion Ratio Lower Upper
84 100
49 58.0 88.3 132.5#
51 0.0 28.2 42.2#
86 72.6 50.6 76.0

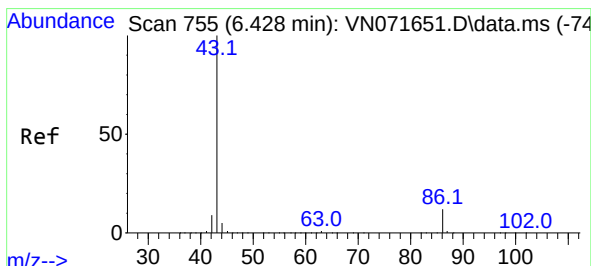
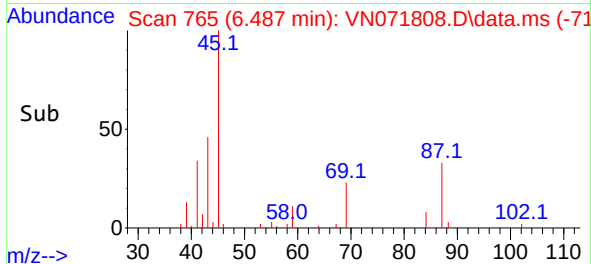
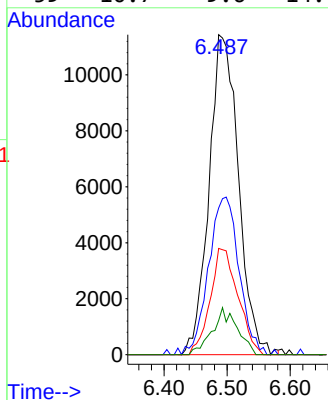
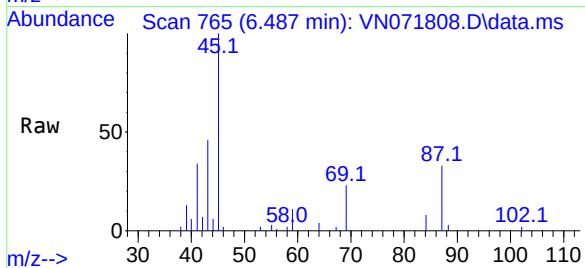




#22
Diisopropyl ether
Concen: 1.953 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.000 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

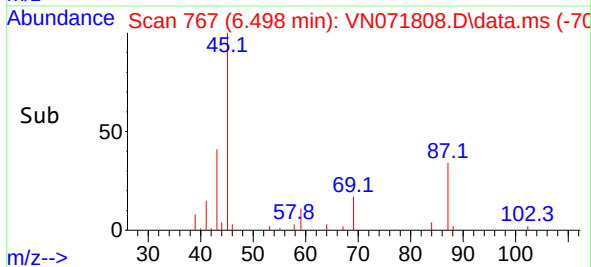
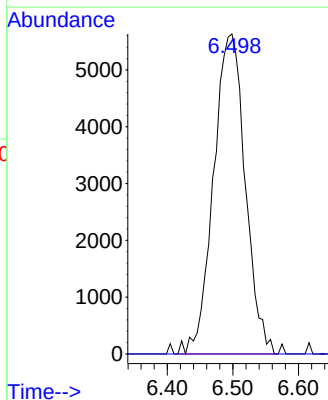
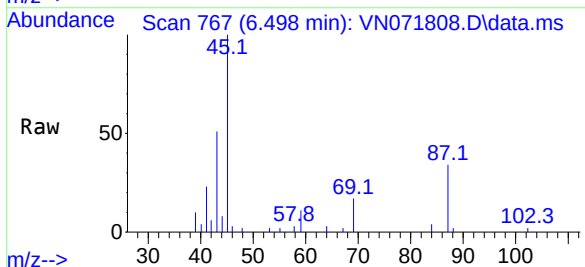
Instrument :
MSVOA_N
ClientSampleId :
DUP033022

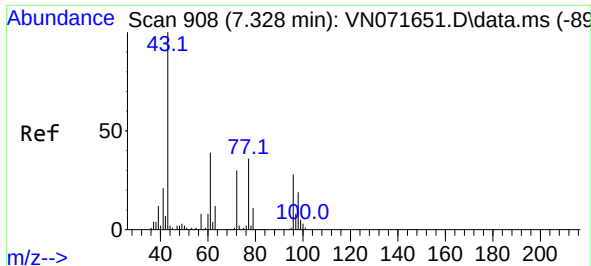
Tgt Ion:	45	Resp:	37019
Ion	Ratio	Lower	Upper
45	100		
43	45.9	46.6	70.0#
87	33.2	24.3	36.5
59	10.7	9.6	14.4



#23
Vinyl Acetate
Concen: 1.256 ug/l
RT: 6.498 min Scan# 767
Delta R.T. 0.070 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion:	43	Resp:	18926
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.0	15.0#

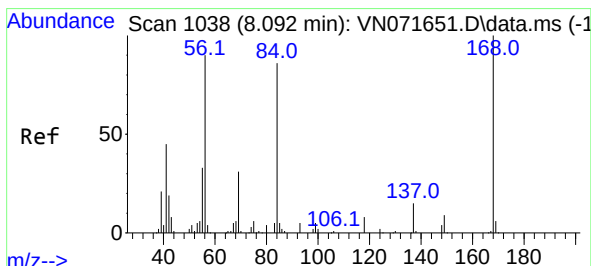
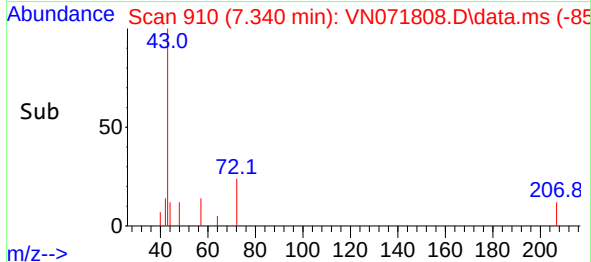
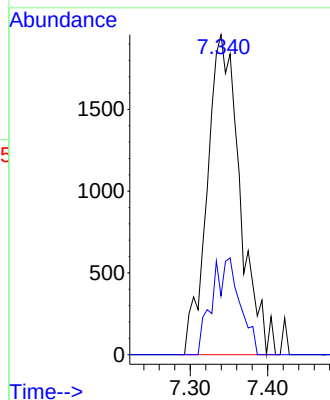
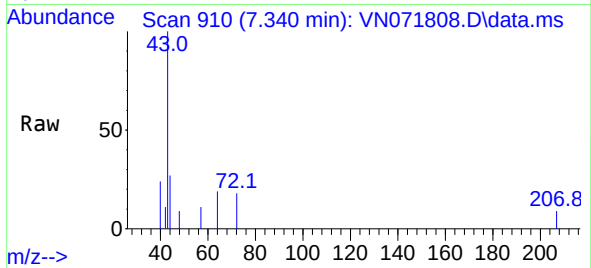




#25
2-Butanone
Concen: 1.260 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

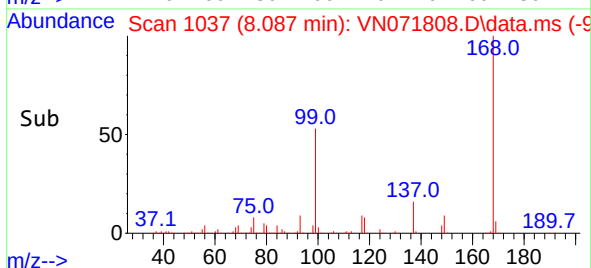
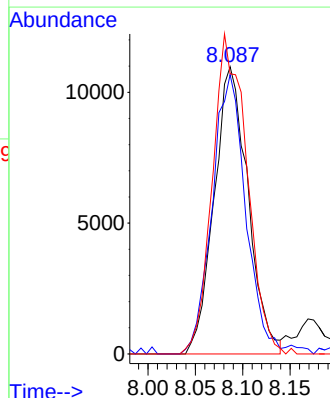
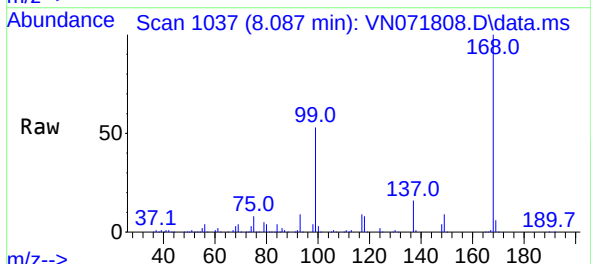
Instrument :
MSVOA_N
ClientSampleId :
DUP033022

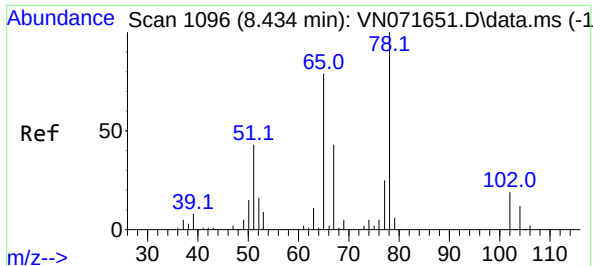
Tgt Ion: 43 Resp: 5760
Ion Ratio Lower Upper
43 100
72 18.3 23.7 35.5#



#31
Cyclohexane
Concen: 2.705 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.005 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion: 56 Resp: 27297
Ion Ratio Lower Upper
56 100
69 97.3 27.8 41.8#
84 97.5 76.9 115.3

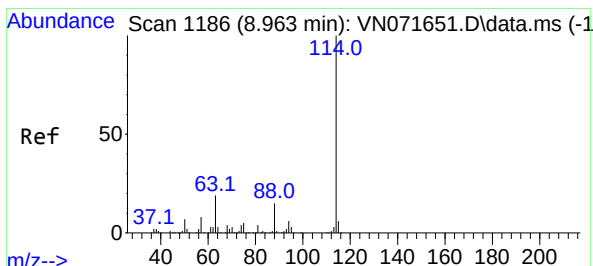
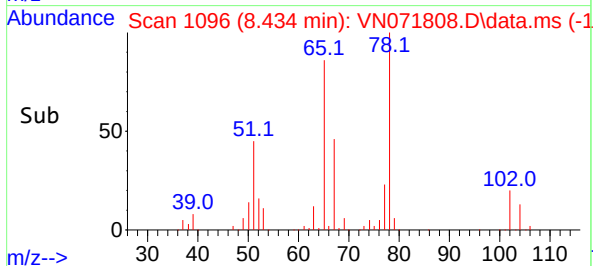
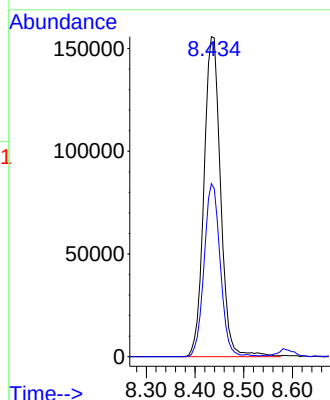
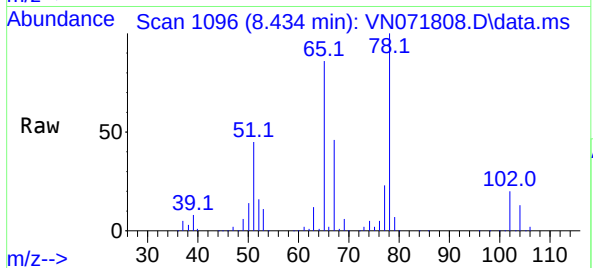




#33
1,2-Dichloroethane-d4
Concen: 49.844 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

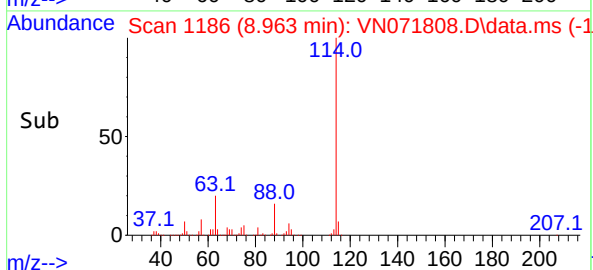
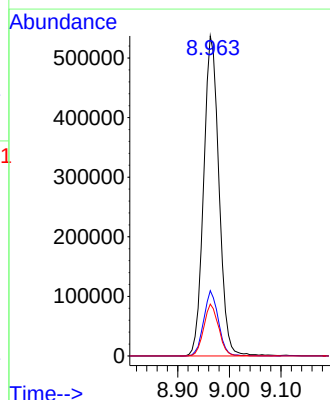
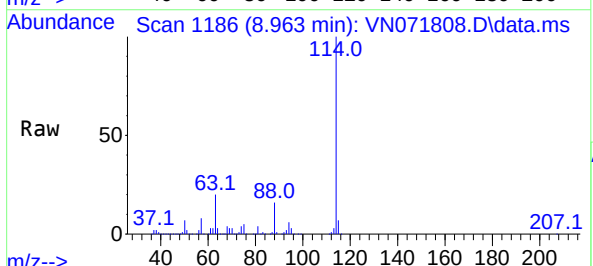
Instrument :
MSVOA_N
ClientSampleId :
DUP033022

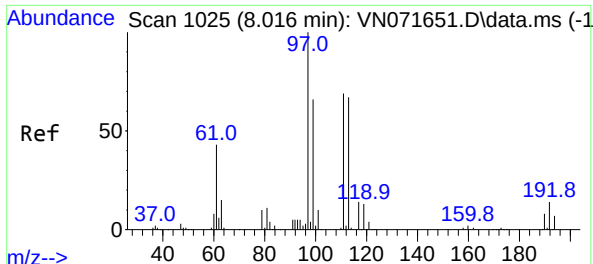
Tgt Ion: 65 Resp: 369845
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion: 114 Resp: 1107534
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.0
88 16.2 0.0 32.6

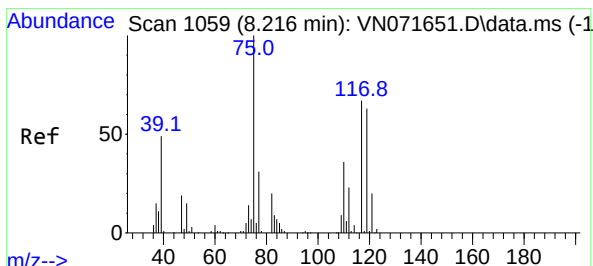
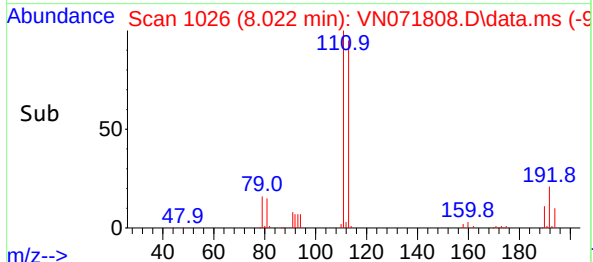
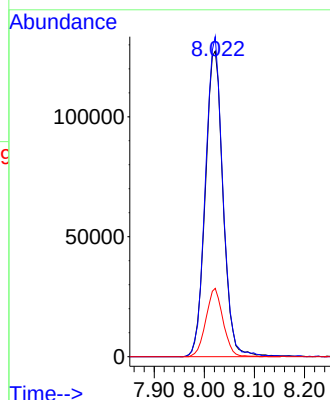
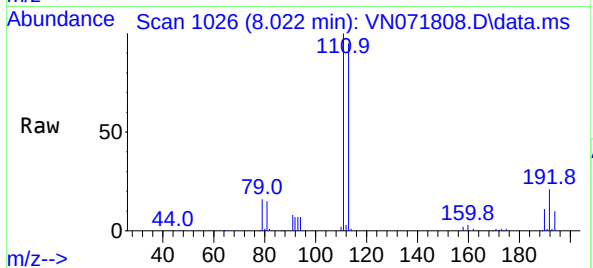




#35
Dibromofluoromethane
Concen: 48.055 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

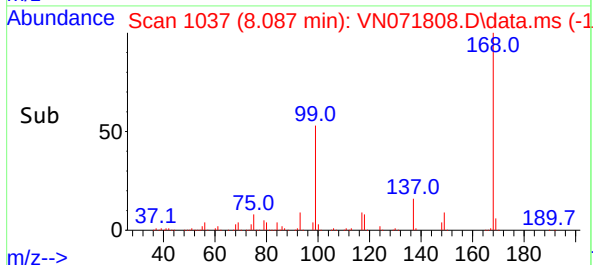
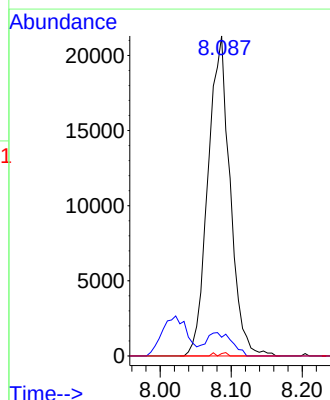
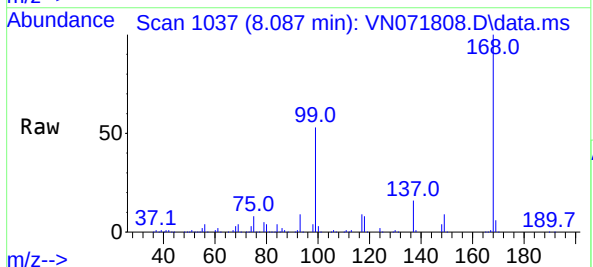
Instrument :
MSVOA_N
ClientSampleId :
DUP033022

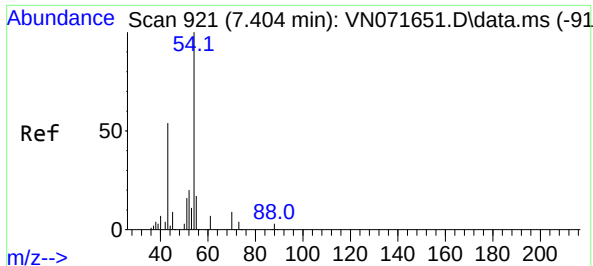
Tgt Ion:113 Resp: 313183
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 21.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.050 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.129 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion: 75 Resp: 45957
Ion Ratio Lower Upper
75 100
110 8.7 18.3 54.8#
77 0.0 25.1 37.7#

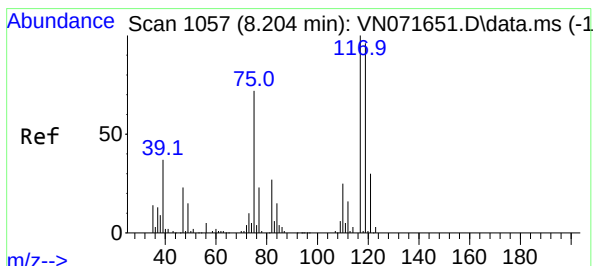
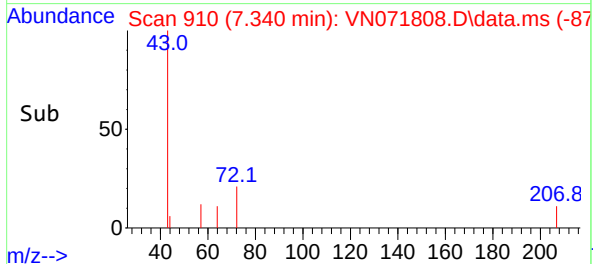
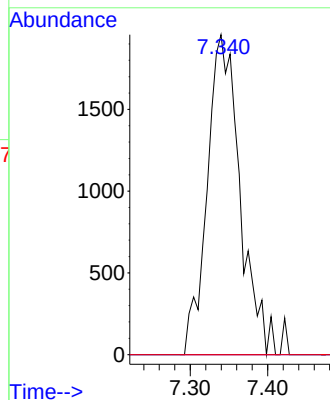
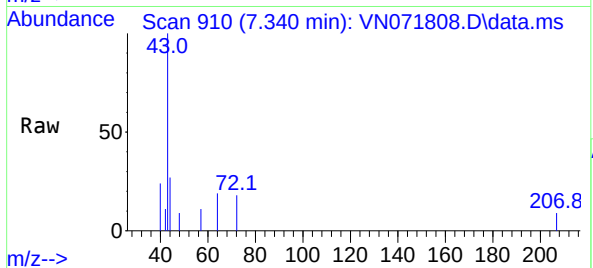




#37
Ethyl Acetate
Concen: 0.578 ug/l
RT: 7.340 min Scan# 91
Delta R.T. -0.064 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

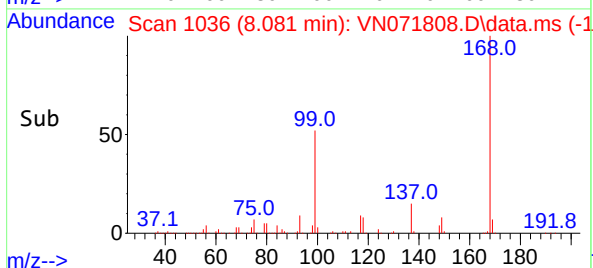
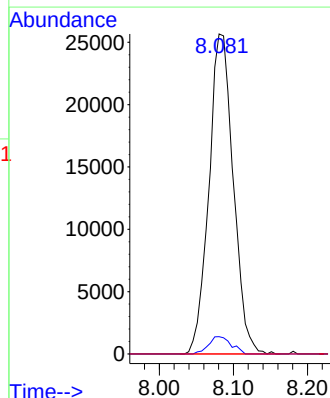
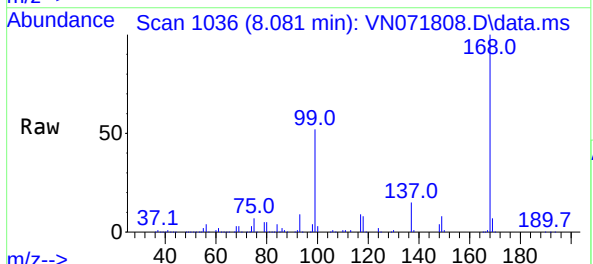
Instrument :
MSVOA_N
ClientSampleId :
DUP033022

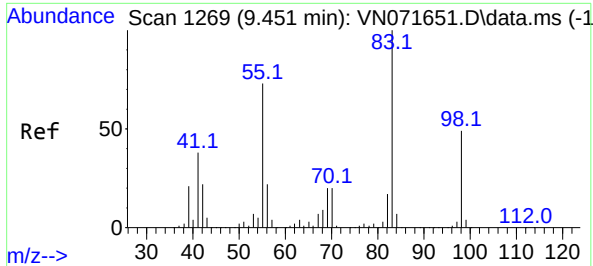
Tgt Ion: 43 Resp: 5760
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.572 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion: 117 Resp: 58616
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 24.6 37.0#



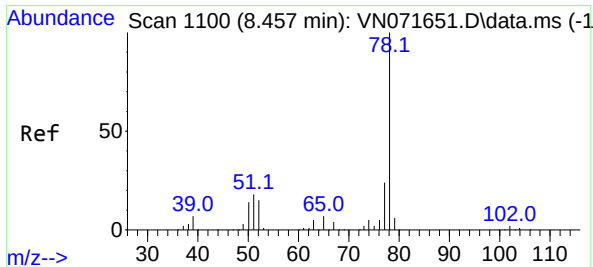
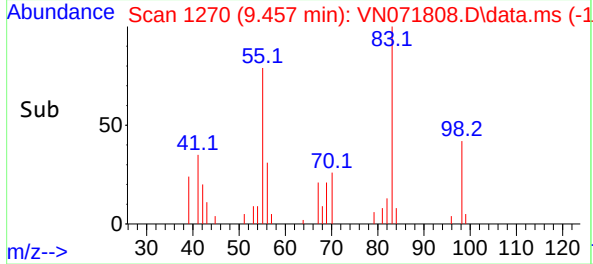
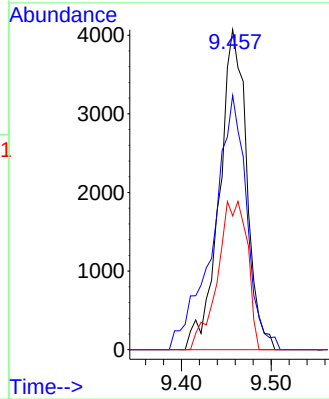
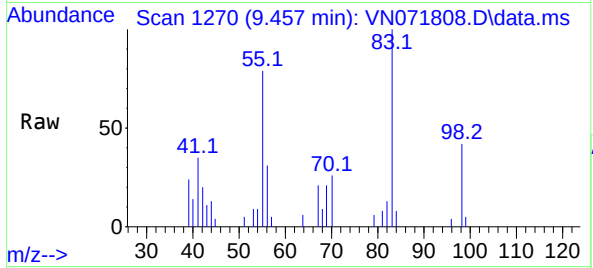


#39
Methylcyclohexane
Concen: 0.794 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Instrument :
MSVOA_N
ClientSampleId :
DUP033022

Tgt Ion: 83 Resp: 8601

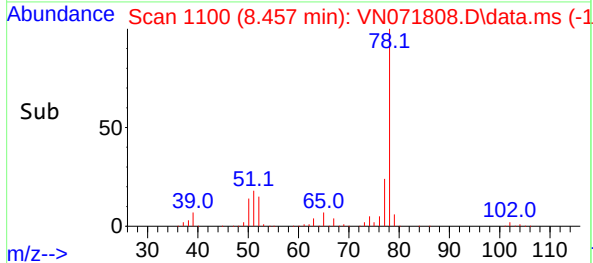
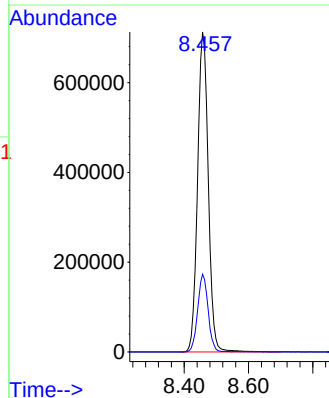
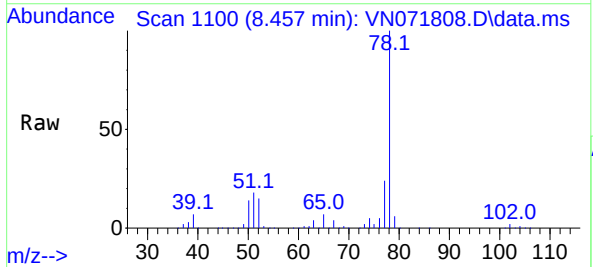
Ion	Ratio	Lower	Upper
83	100		
55	79.4	57.8	86.8
98	41.8	39.4	59.2

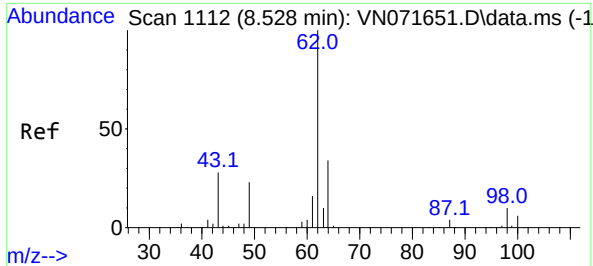


#40
Benzene
Concen: 57.208 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion: 78 Resp: 1644702

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.0

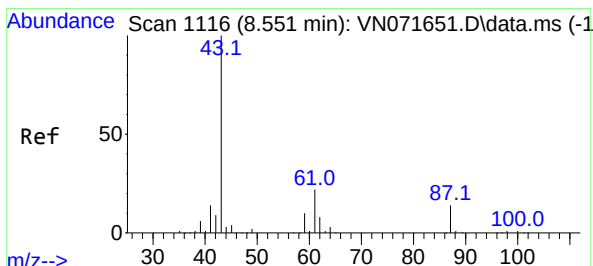
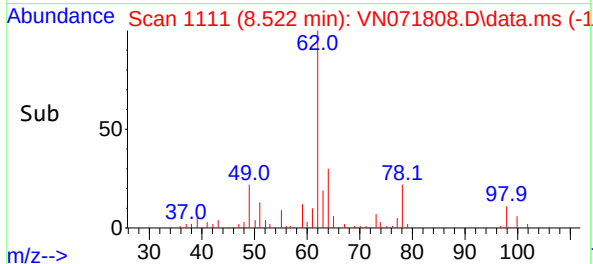
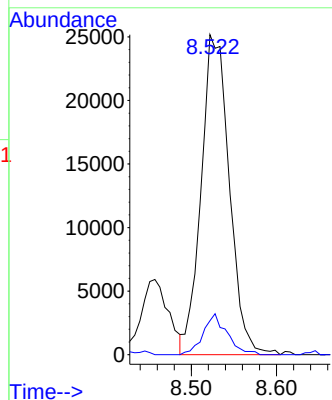
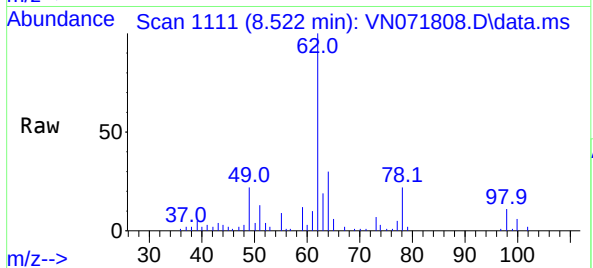




#42
1,2-Dichloroethane
Concen: 5.811 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

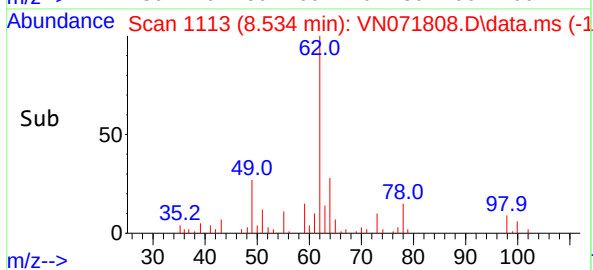
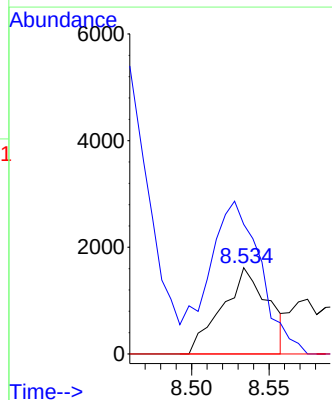
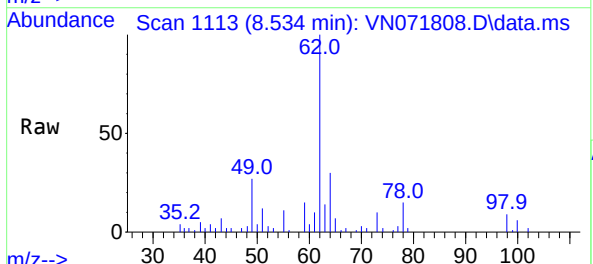
Instrument :
MSVOA_N
ClientSampleId :
DUP033022

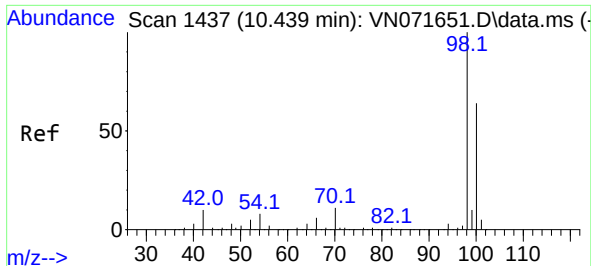
Tgt Ion: 62 Resp: 57795
Ion Ratio Lower Upper
62 100
98 10.8 0.0 19.4



#43
Isopropyl Acetate
Concen: 0.201 ug/l
RT: 8.534 min Scan# 1113
Delta R.T. -0.017 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion: 43 Resp: 3328
Ion Ratio Lower Upper
43 100
61 199.2 21.9 32.9#
87 0.0 12.0 18.0#

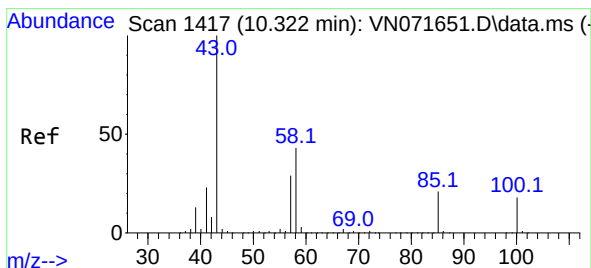
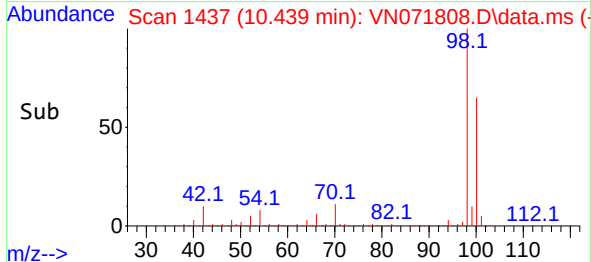
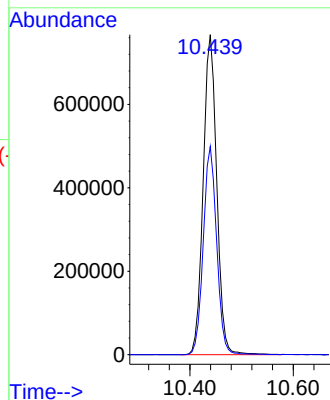
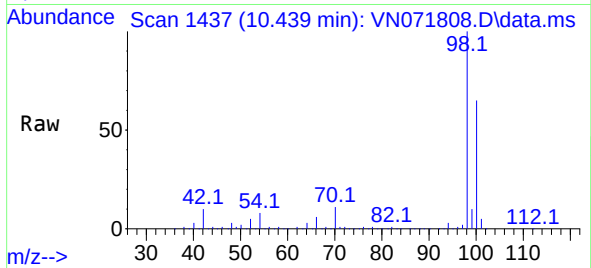




#50
Toluene-d8
Concen: 52.294 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

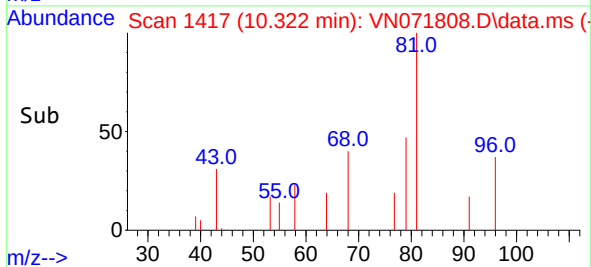
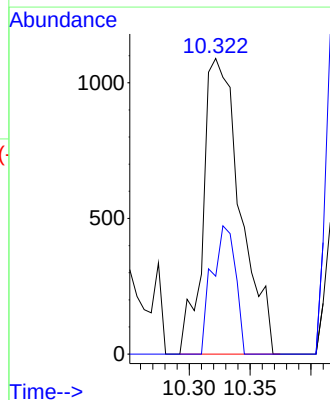
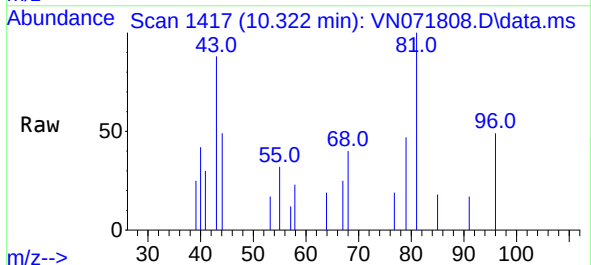
Instrument :
MSVOA_N
ClientSampleId :
DUP033022

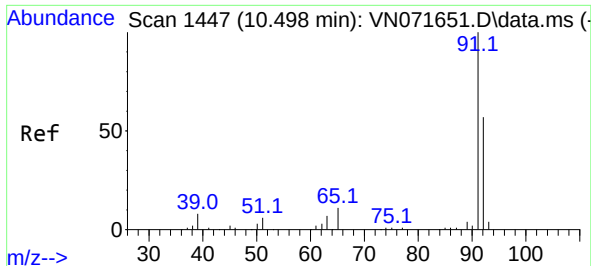
Tgt Ion: 98 Resp: 1394188
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.244 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion: 43 Resp: 2320
Ion Ratio Lower Upper
43 100
58 27.2 34.1 51.1#

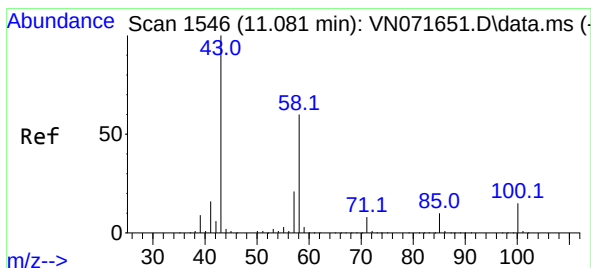
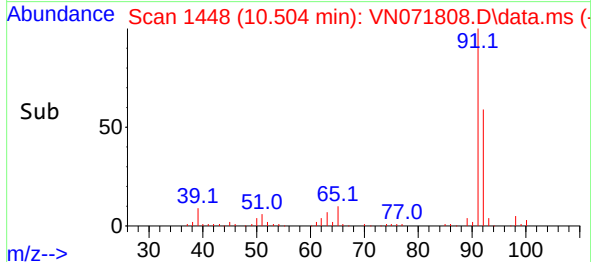
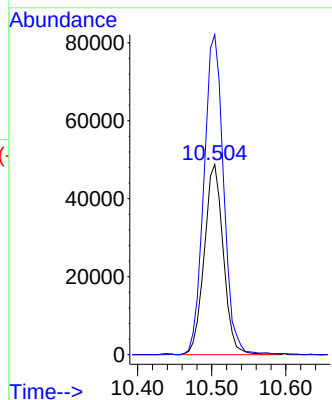
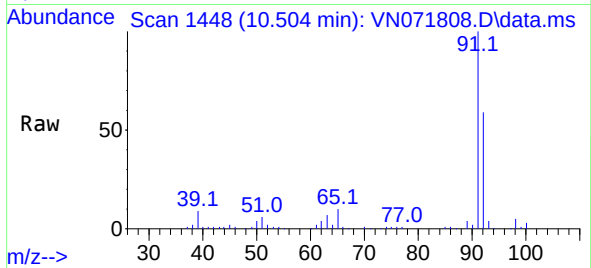




#52
Toluene
Concen: 4.812 ug/l
RT: 10.504 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

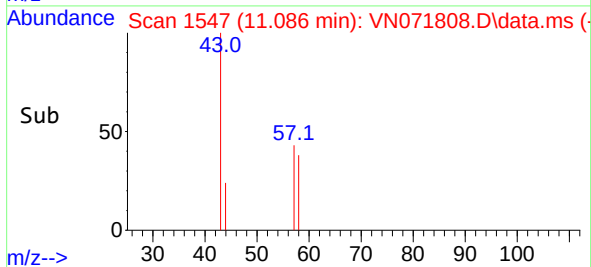
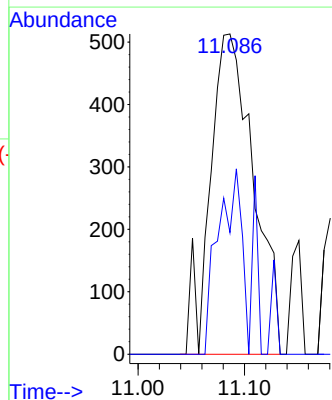
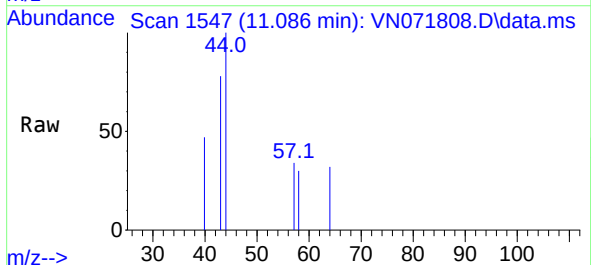
Instrument :
MSVOA_N
ClientSampleId :
DUP033022

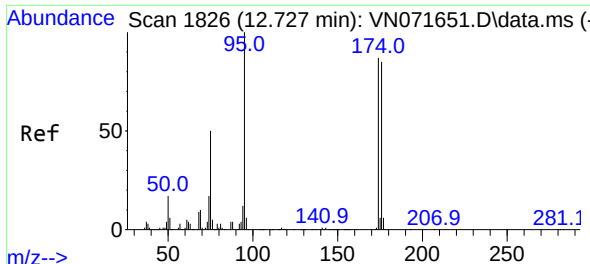
Tgt Ion: 92 Resp: 87447
Ion Ratio Lower Upper
92 100
91 174.0 138.6 207.8



#59
2-Hexanone
Concen: 0.217 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.005 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion: 43 Resp: 1456
Ion Ratio Lower Upper
43 100
58 31.1 29.7 89.1

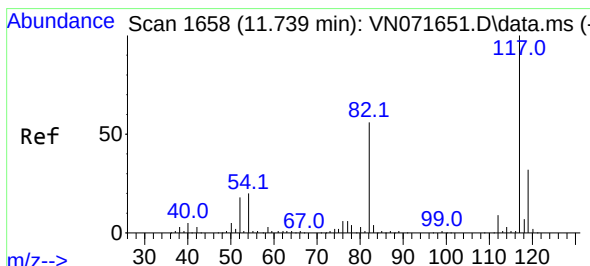
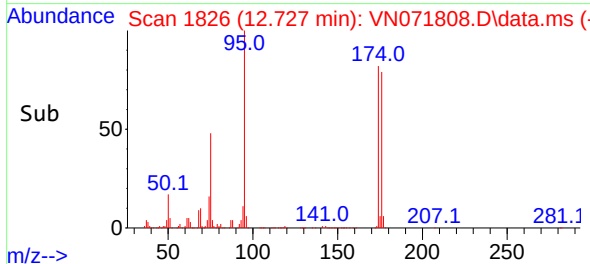
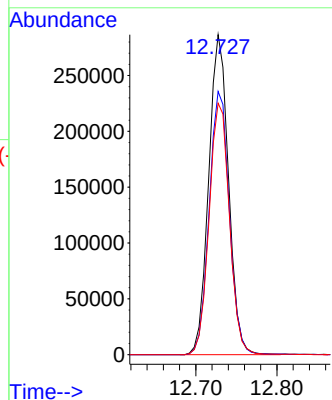
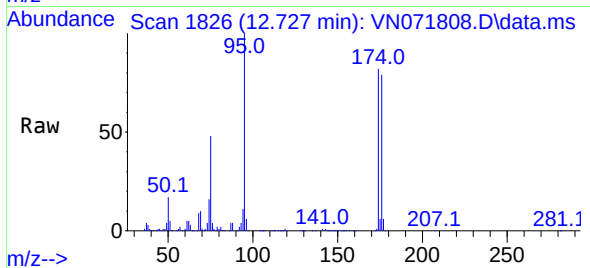




#62
4-Bromofluorobenzene
Concen: 56.287 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

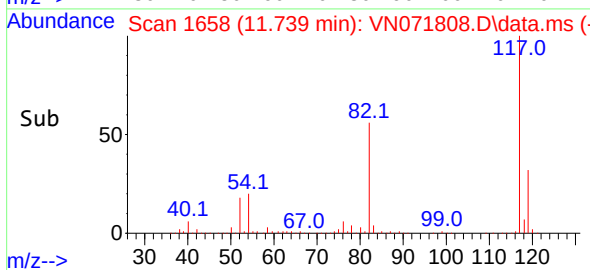
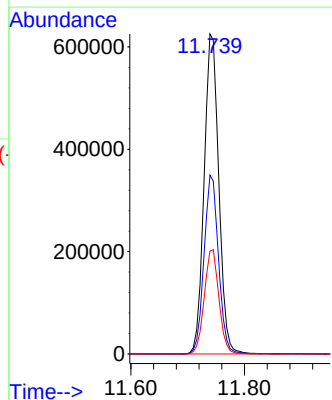
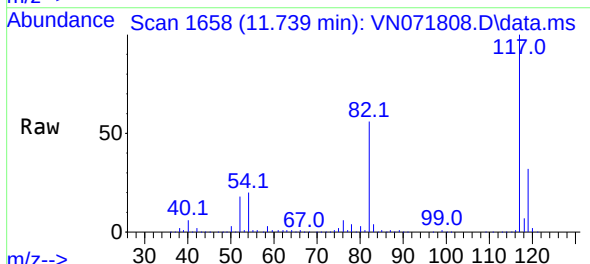
Instrument :
MSVOA_N
ClientSampleId :
DUP033022

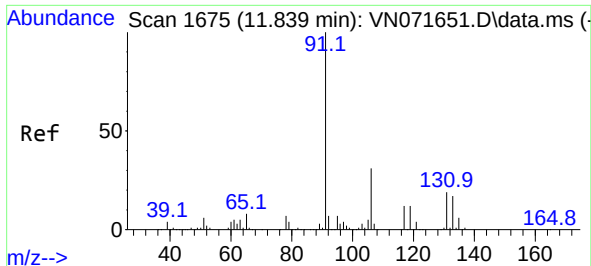
Tgt Ion: 95 Resp: 485328
Ion Ratio Lower Upper
95 100
174 83.7 0.0 167.6
176 80.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion: 117 Resp: 1120417
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 32.1 25.4 38.0

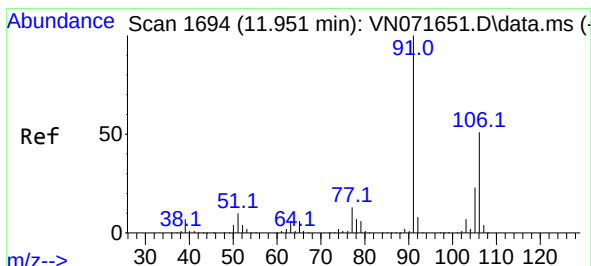
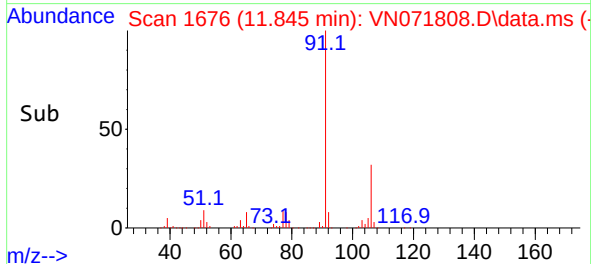
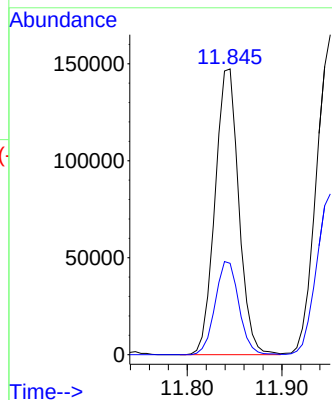
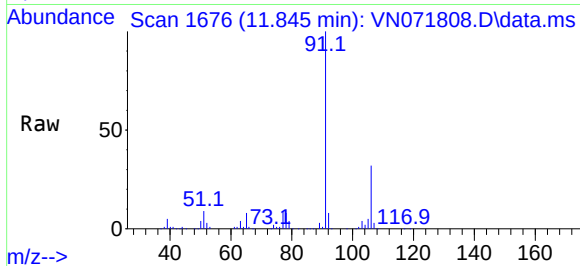




#67
Ethyl Benzene
Concen: 6.772 ug/l
RT: 11.845 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

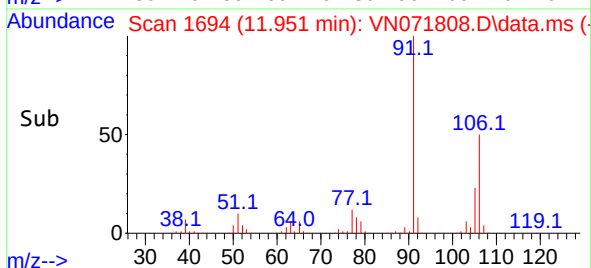
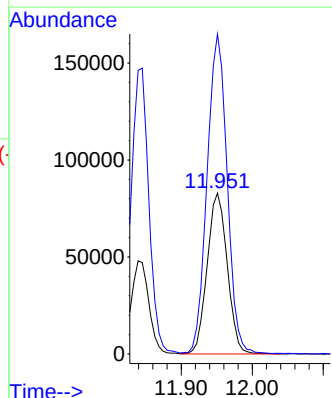
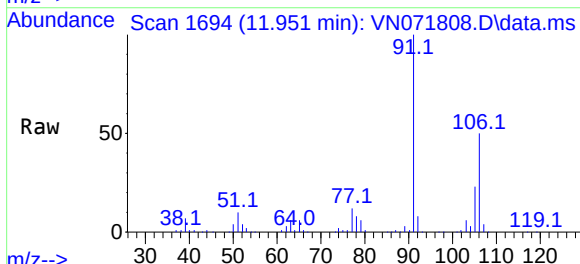
Instrument :
MSVOA_N
ClientSampleId :
DUP033022

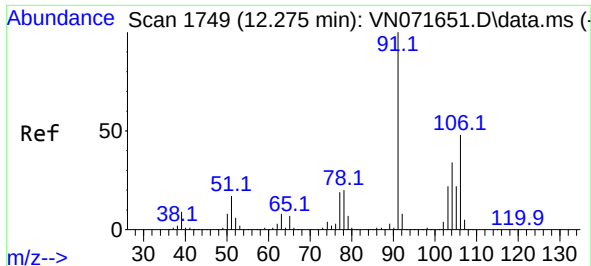
Tgt Ion: 91 Resp: 257197
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3



#68
m/p-Xylenes
Concen: 11.170 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion: 106 Resp: 162998
Ion Ratio Lower Upper
106 100
91 199.2 158.9 238.3

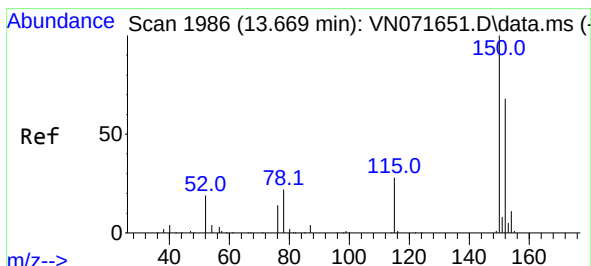
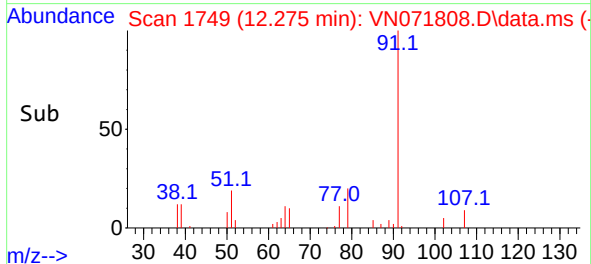
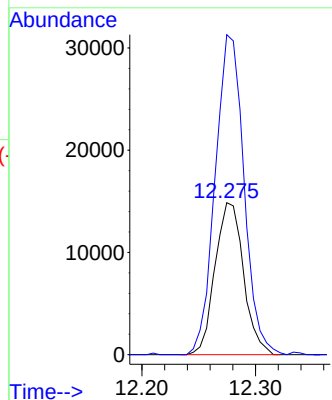
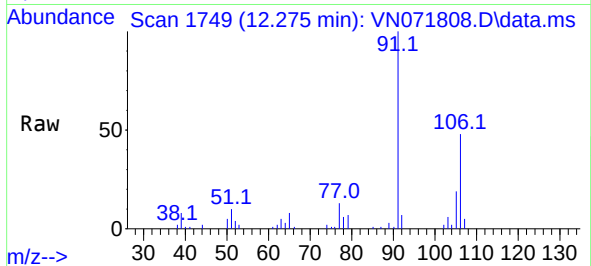




#69
o-Xylene
Concen: 1.788 ug/l
RT: 12.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

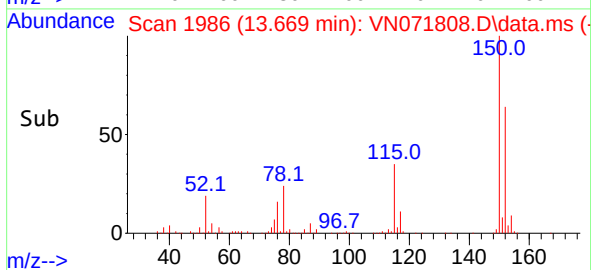
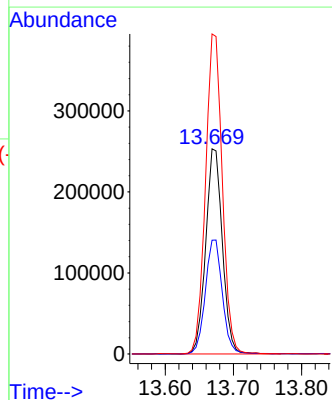
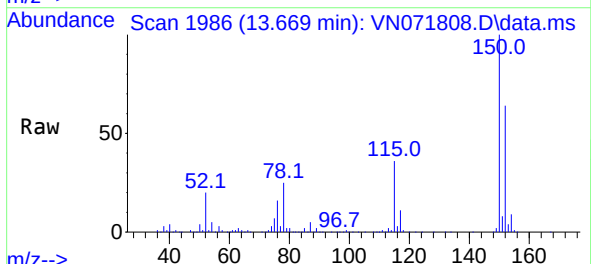
Instrument :
MSVOA_N
ClientSampleId :
DUP033022

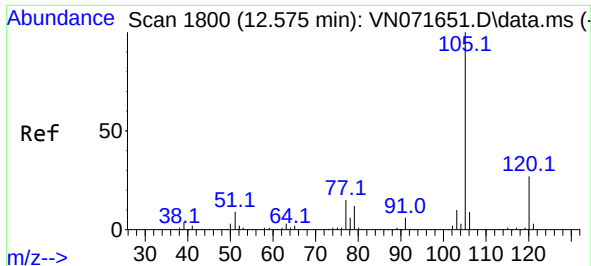
Tgt Ion:106 Resp: 25893
Ion Ratio Lower Upper
106 100
91 212.9 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion:152 Resp: 430890
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.7
150 156.9 0.0 356.2

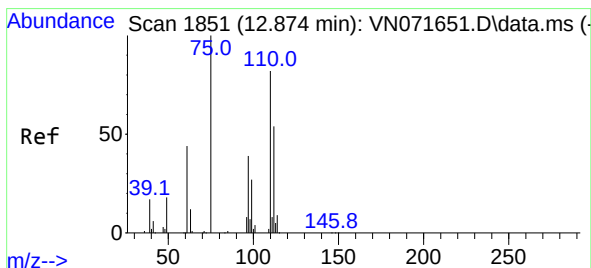
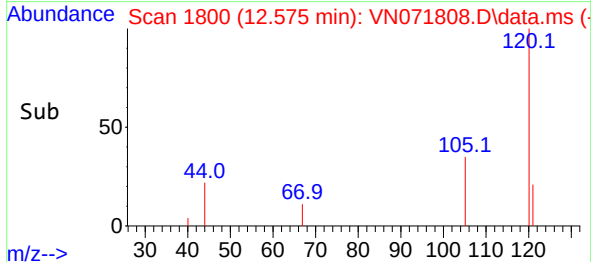
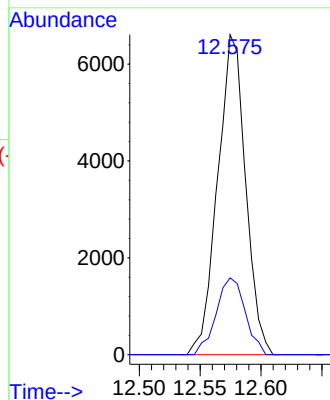
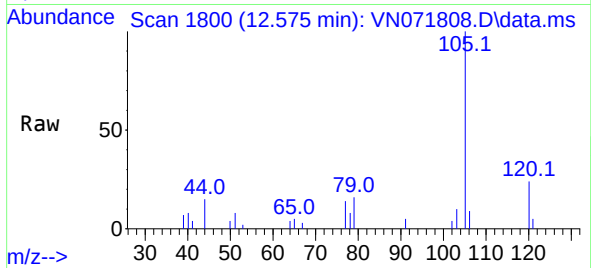




#73
Isopropylbenzene
Concen: 0.291 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

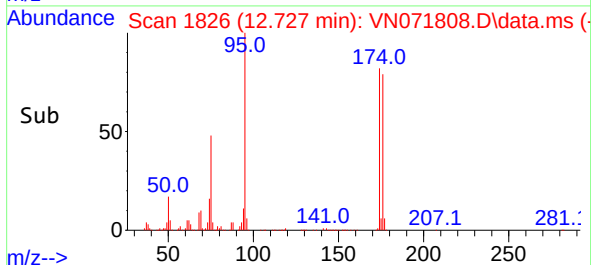
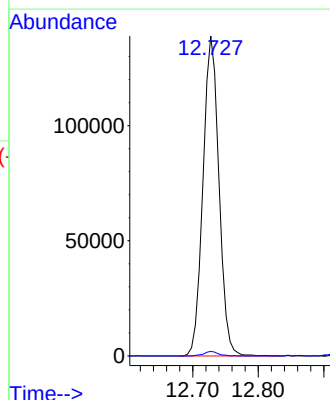
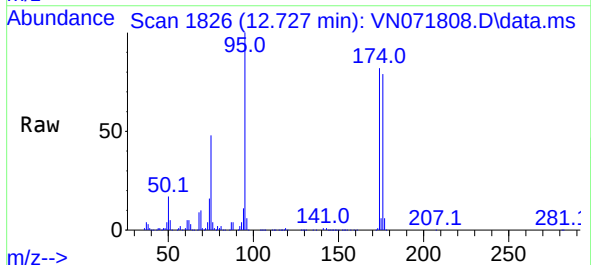
Instrument :
MSVOA_N
ClientSampleId :
DUP033022

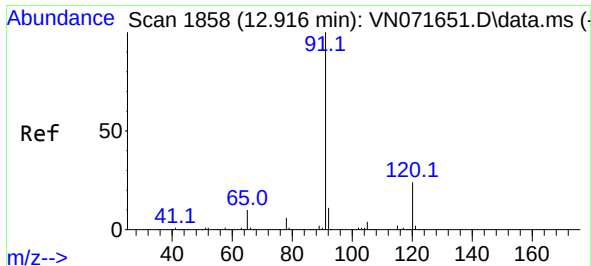
Tgt Ion:105 Resp: 10549
Ion Ratio Lower Upper
105 100
120 25.0 13.5 40.4



#76
1,2,3-Trichloropropane
Concen: 23.653 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion: 75 Resp: 236106
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#

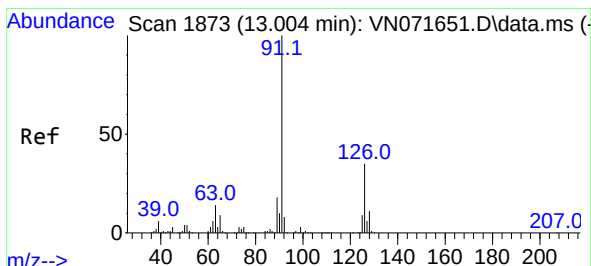
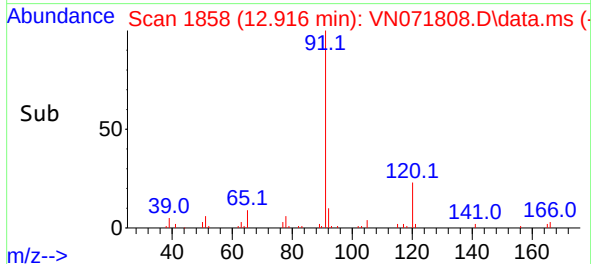
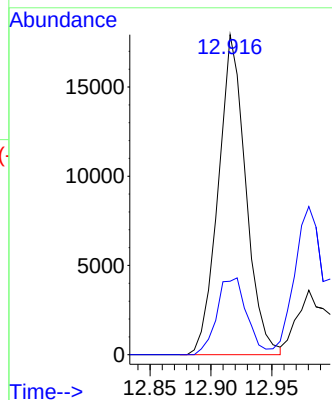
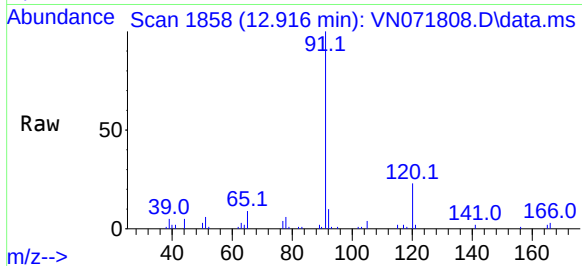




#78
n-propylbenzene
Concen: 0.739 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

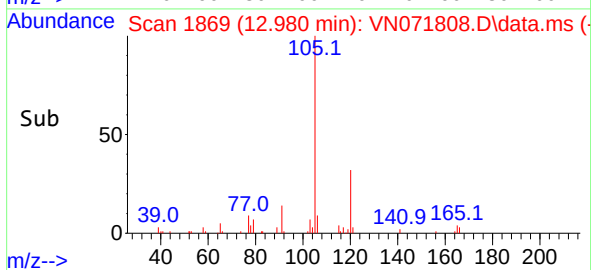
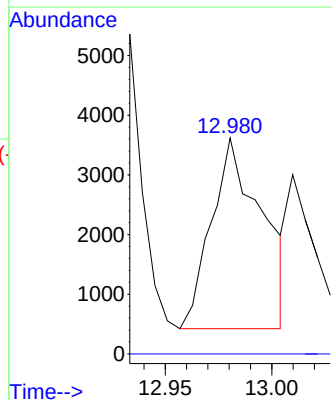
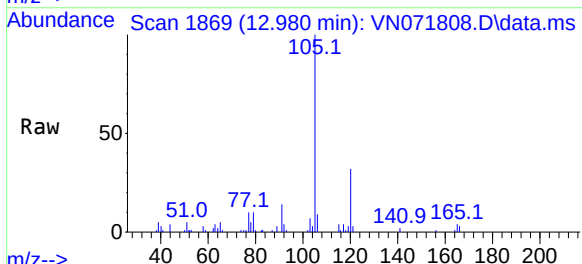
Instrument :
MSVOA_N
ClientSampleId :
DUP033022

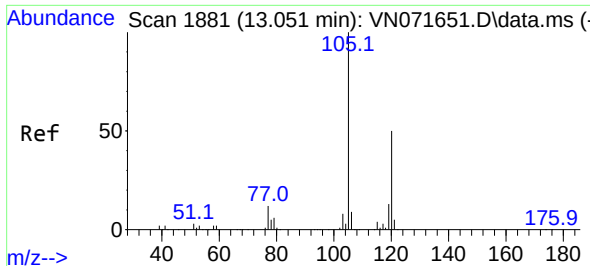
Tgt Ion: 91 Resp: 28236
Ion Ratio Lower Upper
91 100
120 25.9 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.216 ug/l
RT: 12.980 min Scan# 1869
Delta R.T. -0.024 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion: 91 Resp: 5281
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#

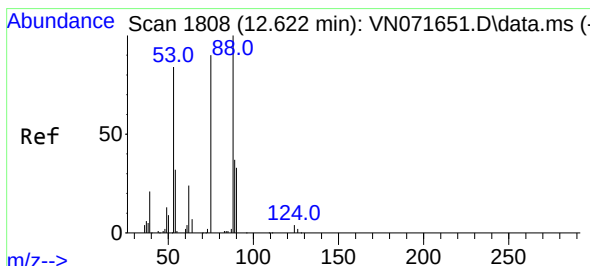
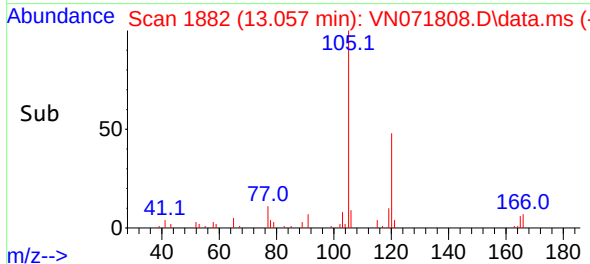
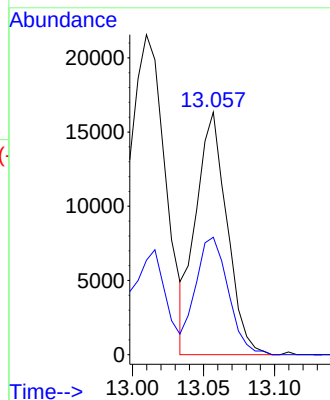
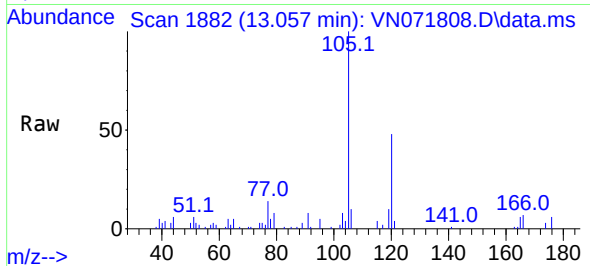




#80
1,3,5-Trimethylbenzene
Concen: 0.865 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

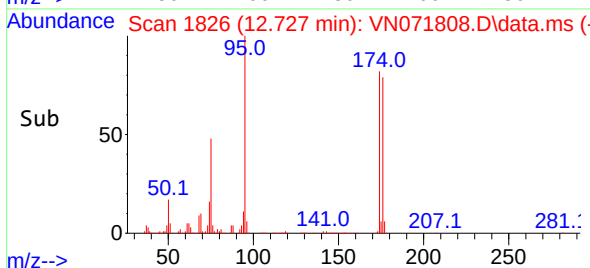
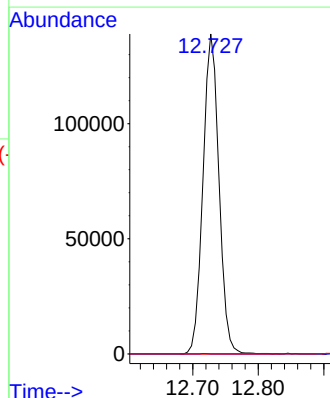
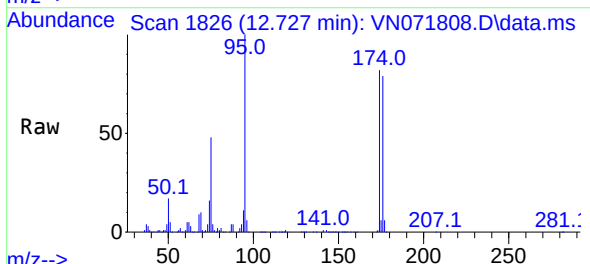
Instrument :
MSVOA_N
ClientSampleId :
DUP033022

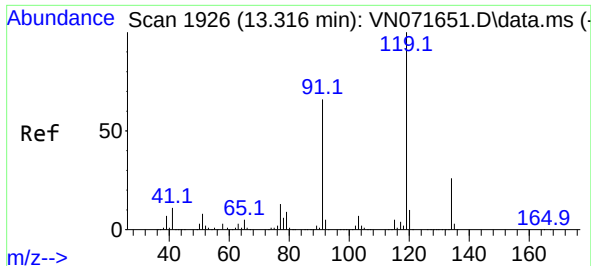
Tgt Ion:105 Resp: 24880
Ion Ratio Lower Upper
105 100
120 50.9 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 73.301 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion: 75 Resp: 236106
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

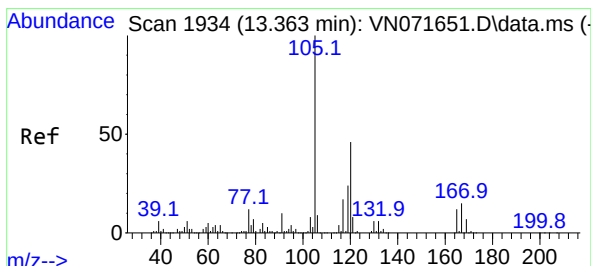
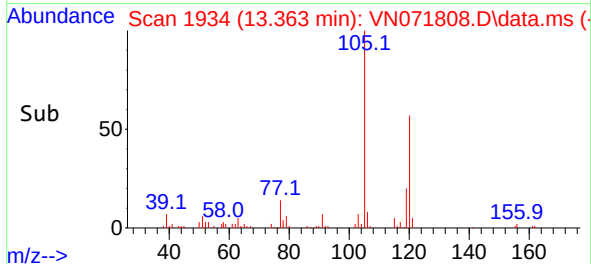
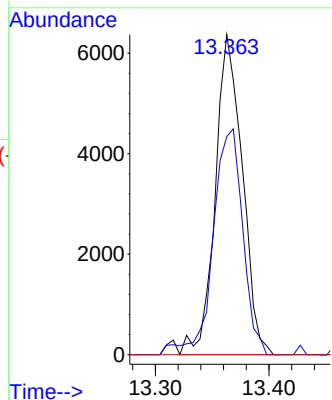
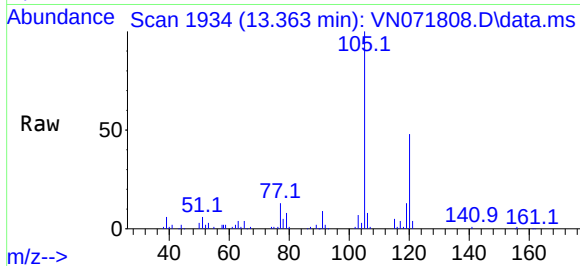




#83
tert-Butylbenzene
Concen: 0.401 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.047 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

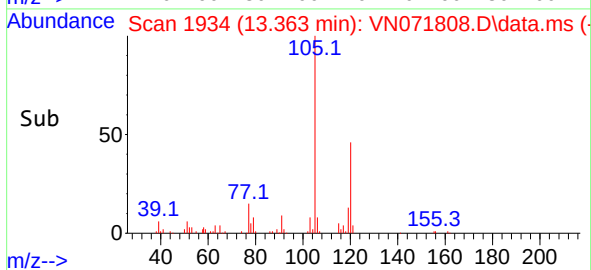
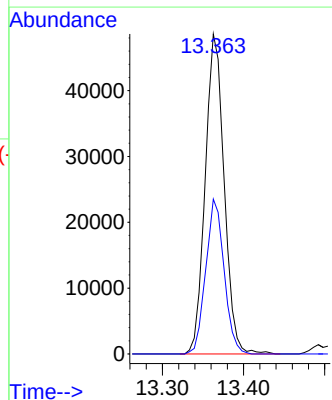
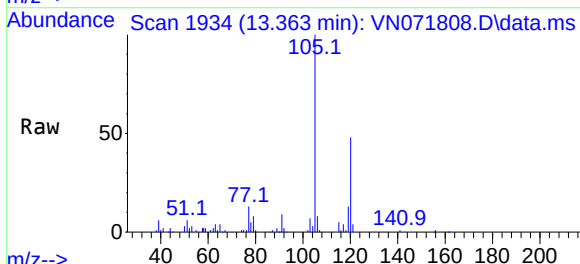
Instrument :
MSVOA_N
ClientSampleId :
DUP033022

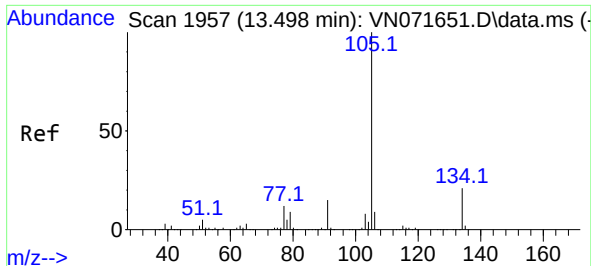
Tgt Ion:119 Resp: 10540
Ion Ratio Lower Upper
119 100
91 77.6 31.6 94.8
134 0.0 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 2.806 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071808.D
Acq: 02 Apr 2022 19:22

Tgt Ion:105 Resp: 78759
Ion Ratio Lower Upper
105 100
120 46.8 23.3 69.8

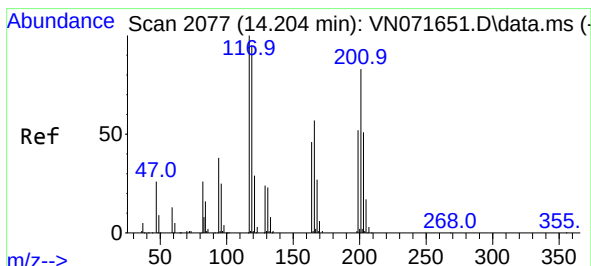
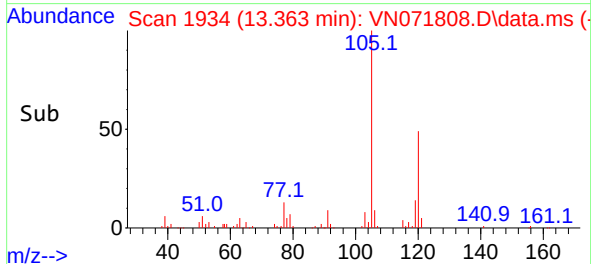
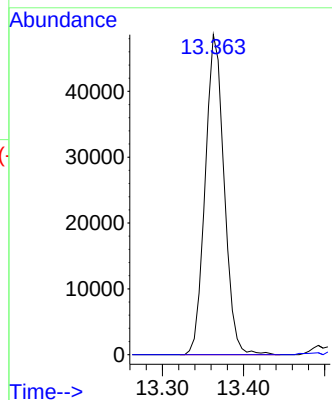
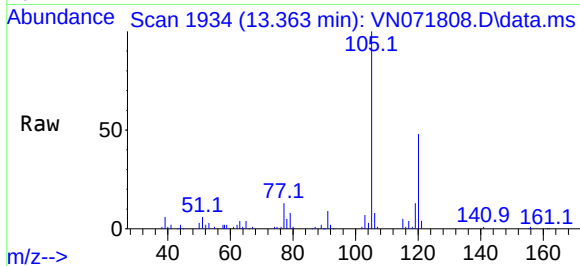




#85
 sec-Butylbenzene
 Concen: 2.310 ug/l
 RT: 13.363 min Scan# 1934
 Delta R.T. -0.135 min
 Lab File: VN071808.D
 Acq: 02 Apr 2022 19:22

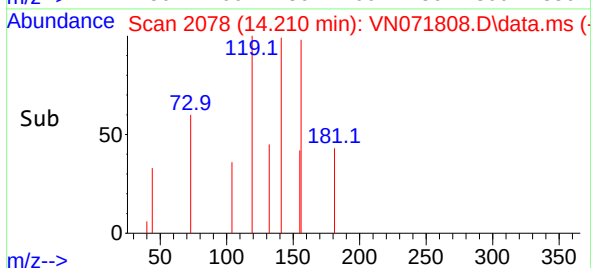
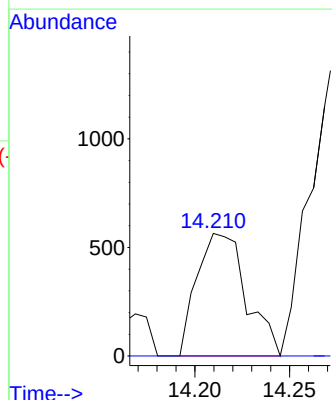
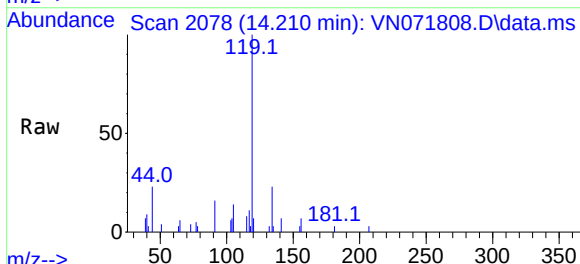
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP033022

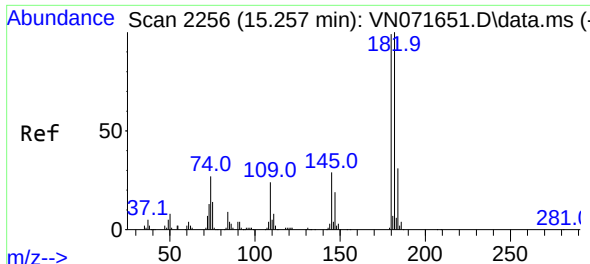
Tgt Ion:105 Resp: 78759
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#90
 Hexachloroethane
 Concen: 0.206 ug/l
 RT: 14.210 min Scan# 2078
 Delta R.T. 0.006 min
 Lab File: VN071808.D
 Acq: 02 Apr 2022 19:22

Tgt Ion:117 Resp: 1025
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.6 122.0#

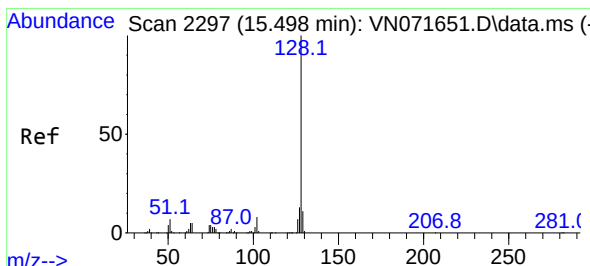
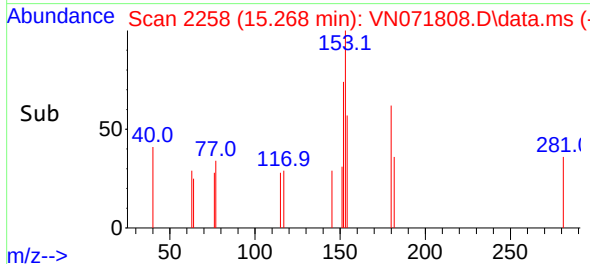
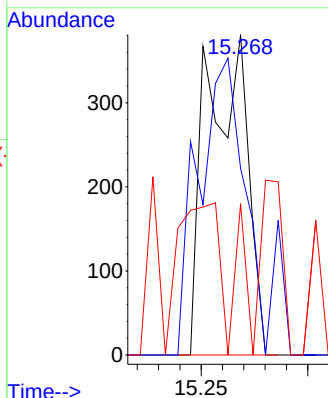
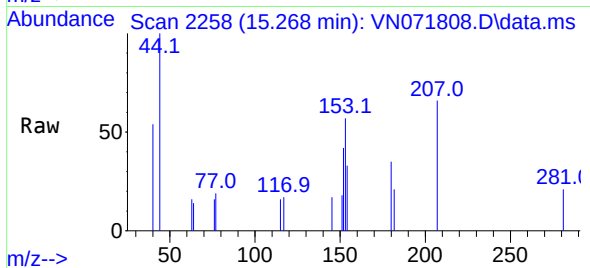




#93
 1,2,4-Trichlorobenzene
 Concen: 2.156 ug/l
 RT: 15.268 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: VN071808.D
 Acq: 02 Apr 2022 19:22

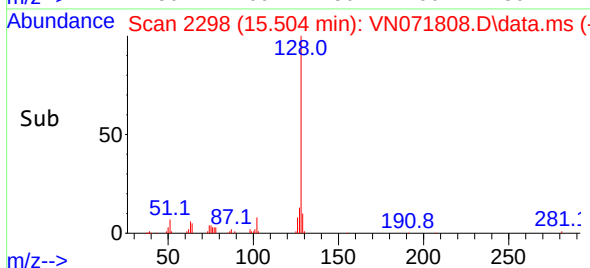
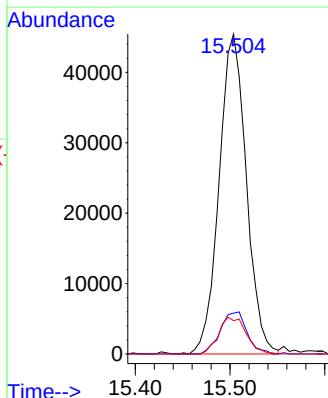
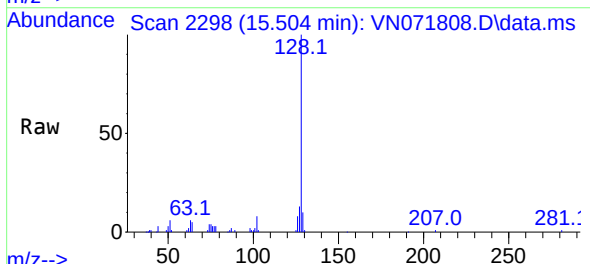
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP033022

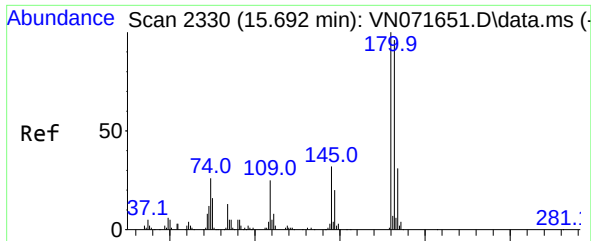
Tgt Ion:180	Resp:	506
Ion Ratio	Lower	Upper
180	100	
182	115.0	47.5 142.5
145	47.4	14.5 43.5#



#95
 Naphthalene
 Concen: 8.079 ug/l
 RT: 15.504 min Scan# 2298
 Delta R.T. 0.006 min
 Lab File: VN071808.D
 Acq: 02 Apr 2022 19:22

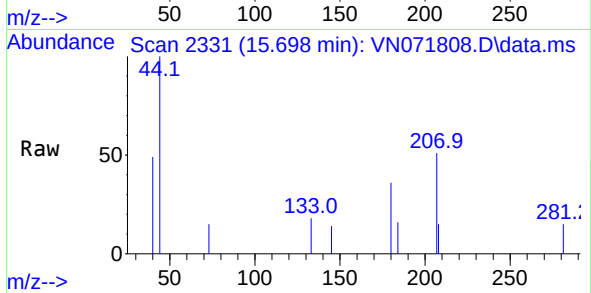
Tgt Ion:128	Resp:	90818
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.3 15.5
129	11.6	8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.477 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN071808.D
 Acq: 02 Apr 2022 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP033022



Tgt Ion:	180	Resp:	439
Ion	Ratio	Lower	Upper
180	100		
182	48.1	47.8	143.3
145	55.4	15.5	46.5#

