

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073350.D
 Acq On : 06 Jul 2022 17:14
 Operator : JC\MD
 Sample : N3586-03 10X
 Misc : 1.35g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31473

Quant Time: Jul 07 04:24:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

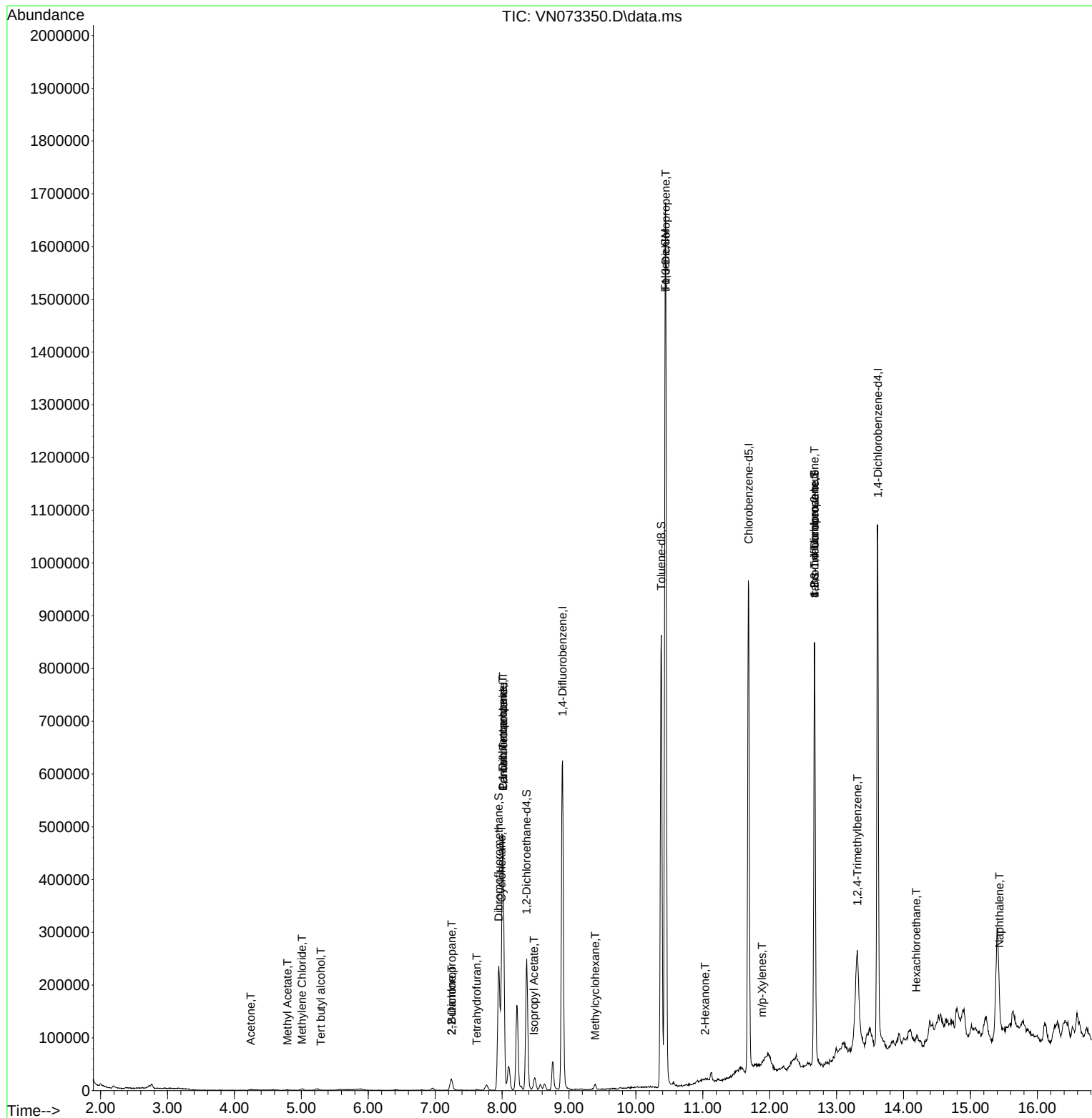
Internal Standards						
1) Pentafluorobenzene	8.016	168	333163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	556563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	536249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	265553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	202514	42.106	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.220%		
35) Dibromofluoromethane	7.951	113	172398	46.558	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.120%		
50) Toluene-d8	10.380	98	590510	44.901	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.800%		
62) 4-Bromofluorobenzene	12.668	95	273828	54.180	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.360%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.292	59	383	0.329	ug/l #	72
16) Acetone	4.245	43	3647	1.351	ug/l	94
18) Methyl Acetate	4.792	43	2503	0.331	ug/l #	67
20) Methylene Chloride	5.010	84	1363	0.287	ug/l	96
25) 2-Butanone	7.245	43	1078	0.251	ug/l #	45
26) 2,2-Dichloropropane	7.245	77	1670	0.226	ug/l #	53
29) Tetrahydrofuran	7.622	42	649	0.221	ug/l #	52
31) Cyclohexane	7.992	56	30125	3.824	ug/l #	56
36) 1,1-Dichloropropene	8.010	75	26471	4.646	ug/l #	48
38) Carbon Tetrachloride	8.016	117	33794	5.735	ug/l #	16
39) Methylcyclohexane	9.392	83	3838	0.541	ug/l #	88
43) Isopropyl Acetate	8.475	43	12513	1.011	ug/l #	53
52) Toluene	10.439	92	739048	68.010	ug/l	99
53) t-1,3-Dichloropropene	10.445	75	9338	1.439	ug/l #	1
59) 2-Hexanone	11.033	43	1533	0.256	ug/l #	40
68) m/p-Xylenes	11.886	106	2341	0.282	ug/l #	64
76) 1,2,3-Trichloropropane	12.668	75	146964	21.165	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	146964	58.045	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.310	105	9082	0.487	ug/l #	55
90) Hexachloroethane	14.192	117	786	0.232	ug/l	73
95) Naphthalene	15.433	128	9488	0.464	ug/l #	77

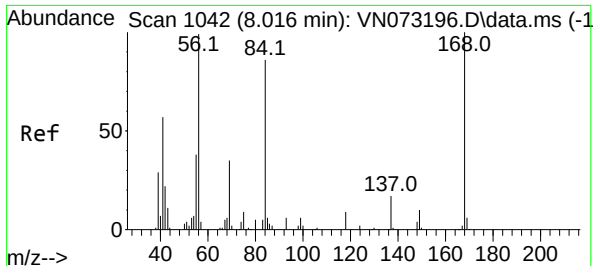
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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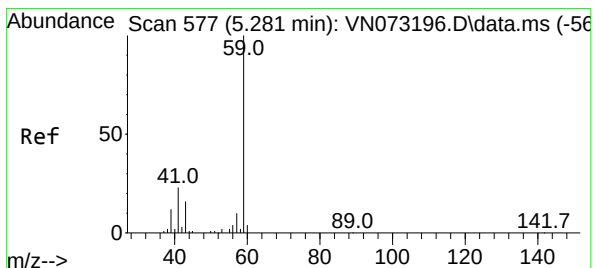
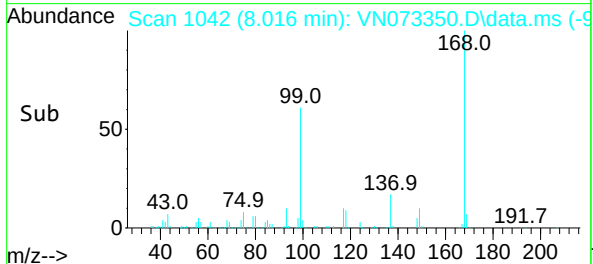
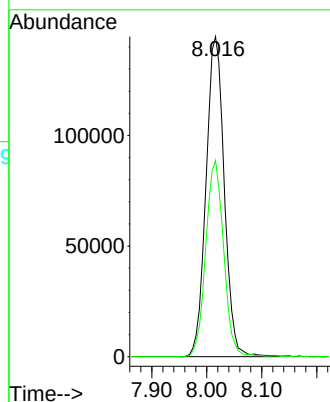
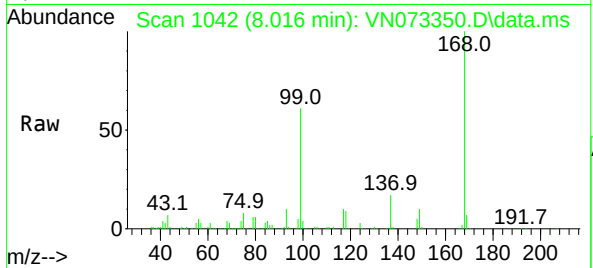




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073350.D
Acq: 06 Jul 2022 17:14

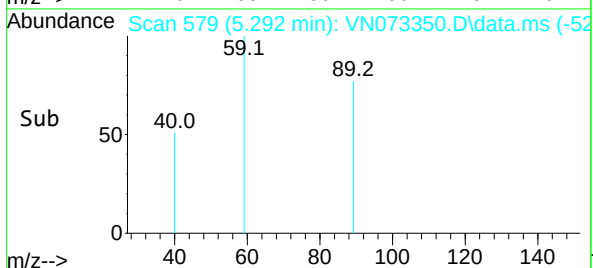
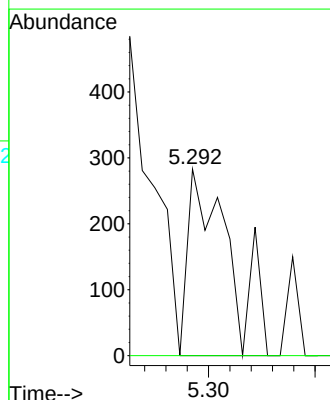
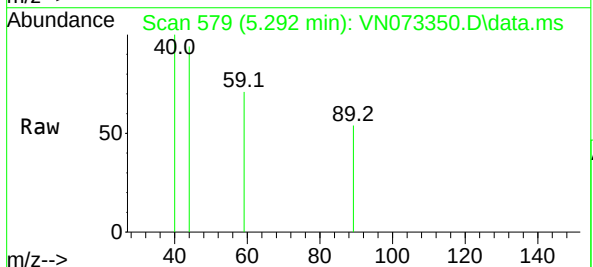
Instrument :
MSVOA_N
ClientSampleId :
31473

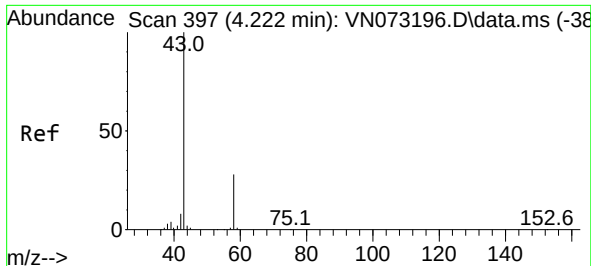
Tgt Ion:168 Resp: 333163
Ion Ratio Lower Upper
168 100
99 61.4 42.3 63.5



#11
Tert butyl alcohol
Concen: 0.329 ug/l
RT: 5.292 min Scan# 579
Delta R.T. 0.011 min
Lab File: VN073350.D
Acq: 06 Jul 2022 17:14

Tgt Ion: 59 Resp: 383
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 1.351 ug/l

RT: 4.245 min Scan# 401

Delta R.T. 0.023 min

Lab File: VN073350.D

Acq: 06 Jul 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

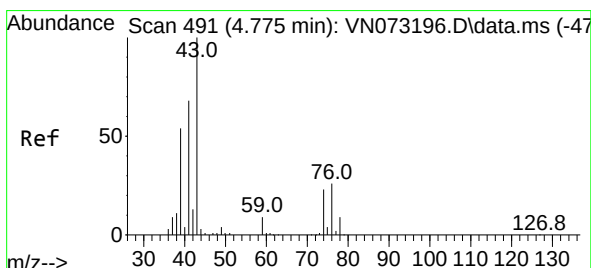
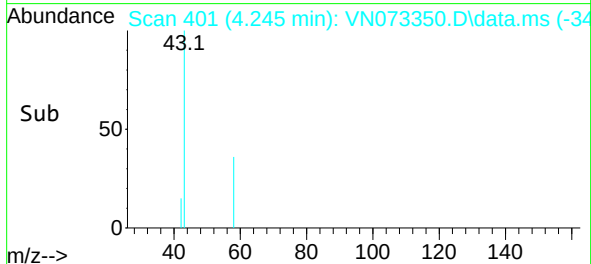
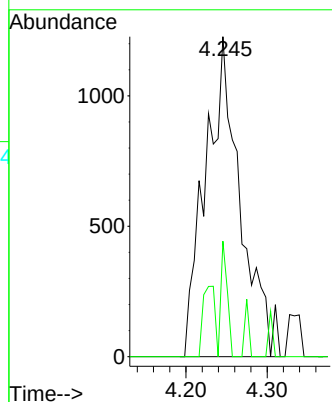
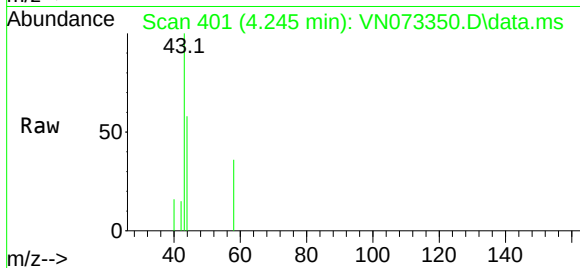
31473

Tgt Ion: 43 Resp: 3647

Ion Ratio Lower Upper

43 100

58 36.1 26.0 39.0



#18

Methyl Acetate

Concen: 0.331 ug/l

RT: 4.792 min Scan# 494

Delta R.T. 0.017 min

Lab File: VN073350.D

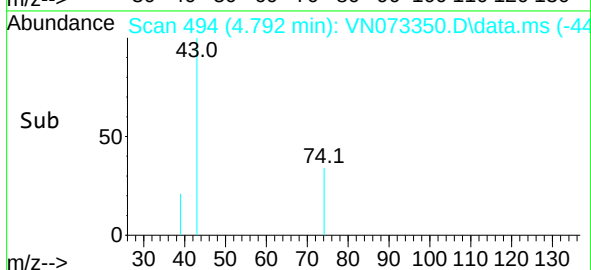
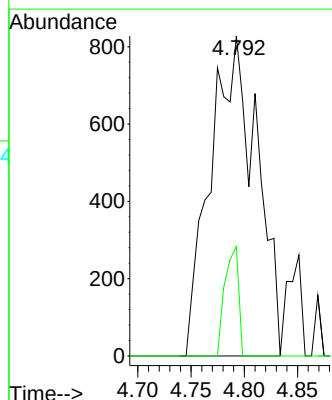
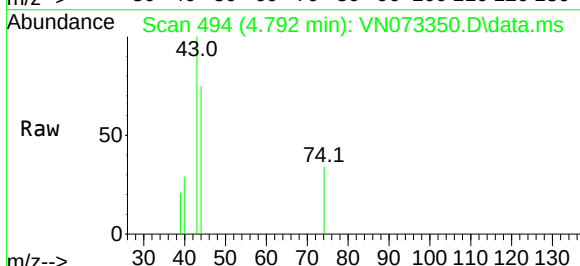
Acq: 06 Jul 2022 17:14

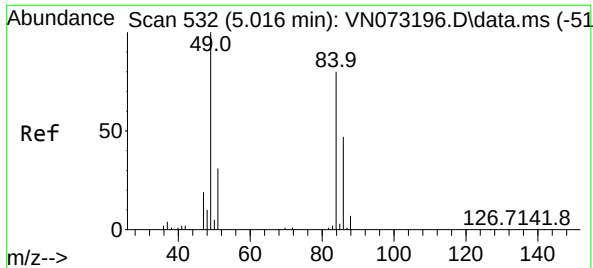
Tgt Ion: 43 Resp: 2503

Ion Ratio Lower Upper

43 100

74 10.0 21.6 32.4#



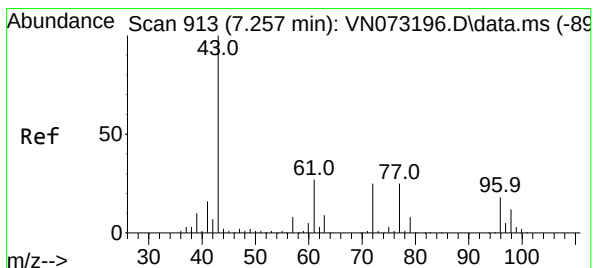
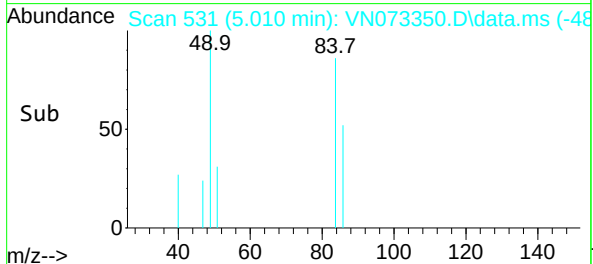
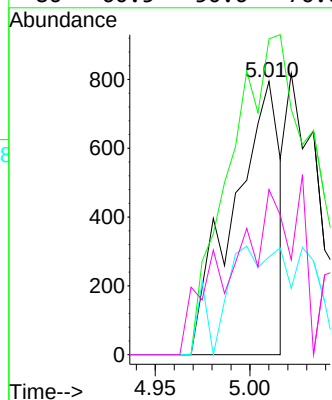
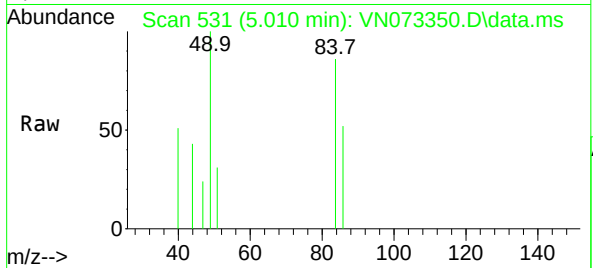


#20
Methylene Chloride
Concen: 0.287 ug/l
RT: 5.010 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN073350.D
Acq: 06 Jul 2022 17:14

Instrument :
MSVOA_N
ClientSampleId :
31473

Tgt Ion: 84 Resp: 1363

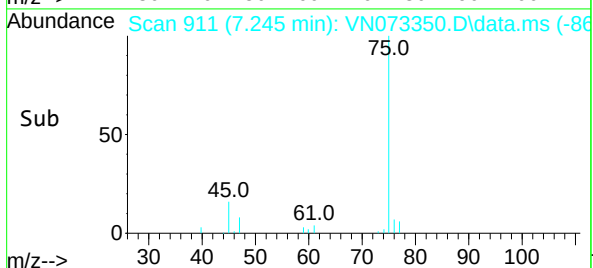
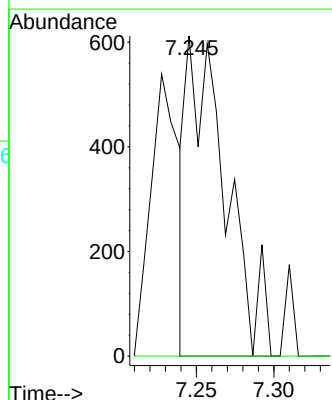
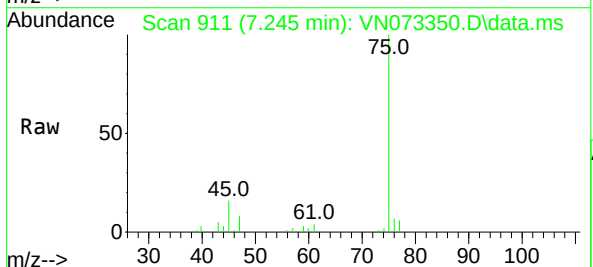
Ion	Ratio	Lower	Upper
84	100		
49	115.6	88.3	132.5
51	35.8	28.2	42.2
86	60.5	50.6	76.0

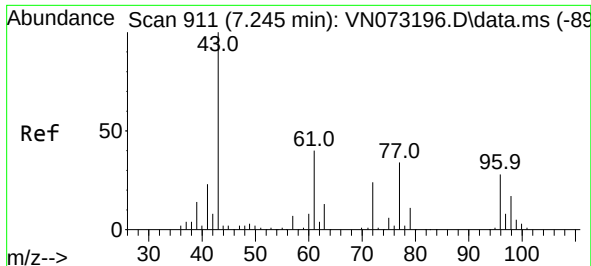


#25
2-Butanone
Concen: 0.251 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.012 min
Lab File: VN073350.D
Acq: 06 Jul 2022 17:14

Tgt Ion: 43 Resp: 1078

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5

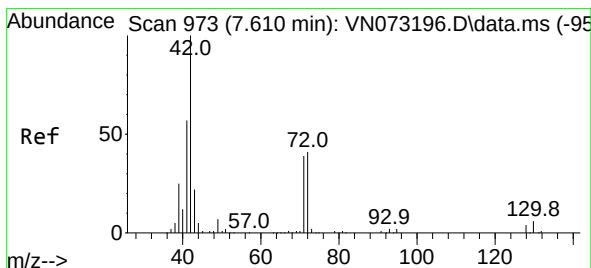
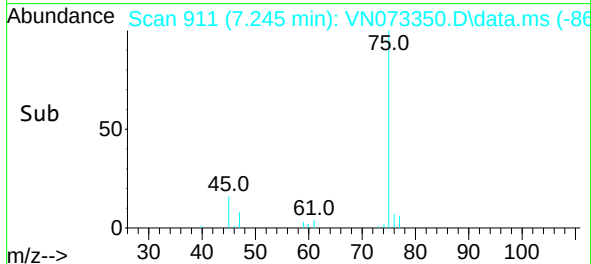
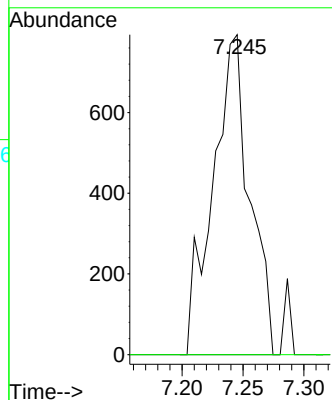
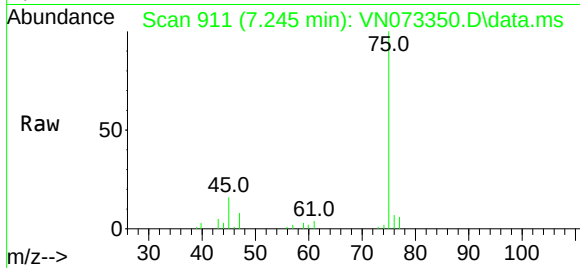




#26
2,2-Dichloropropane
Concen: 0.226 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073350.D
Acq: 06 Jul 2022 17:14

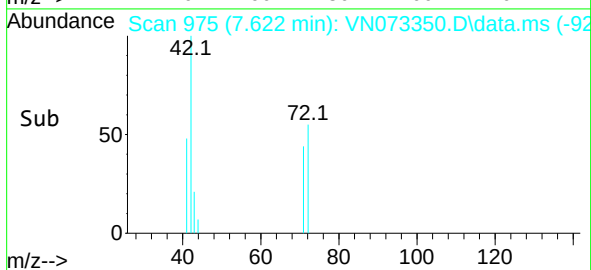
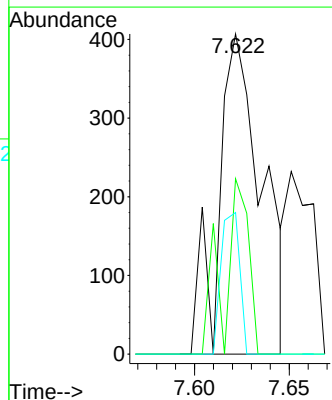
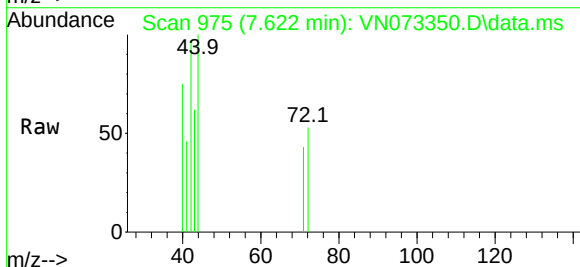
Instrument :
MSVOA_N
ClientSampleId :
31473

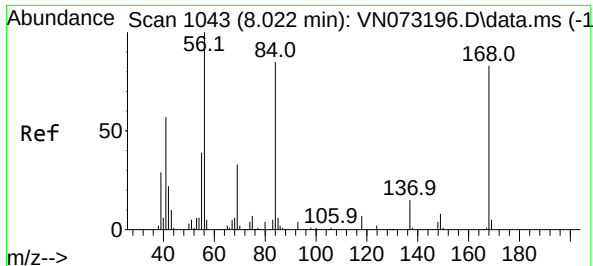
Tgt Ion: 77 Resp: 1670
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#29
Tetrahydrofuran
Concen: 0.221 ug/l
RT: 7.622 min Scan# 975
Delta R.T. 0.012 min
Lab File: VN073350.D
Acq: 06 Jul 2022 17:14

Tgt Ion: 42 Resp: 649
Ion Ratio Lower Upper
42 100
72 30.8 39.7 59.5#
71 0.0 36.6 55.0#

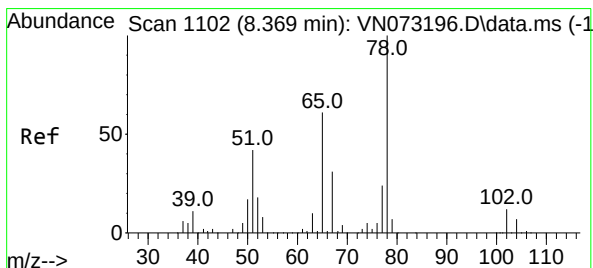
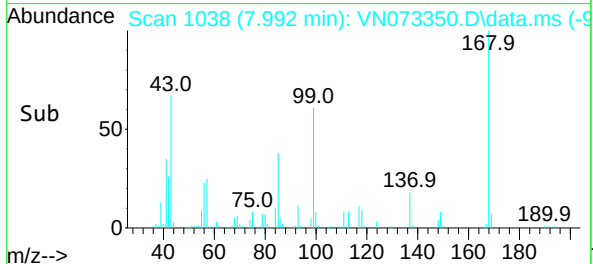
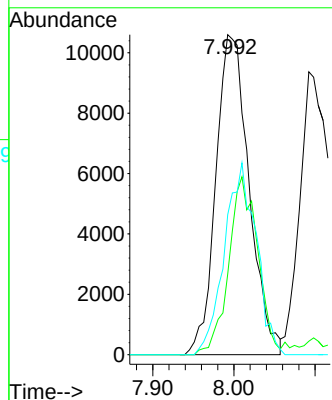
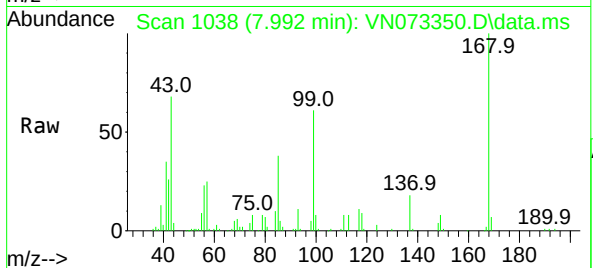




#31
Cyclohexane
Concen: 3.824 ug/l
RT: 7.992 min Scan# 1038
Delta R.T. -0.030 min
Lab File: VN073350.D
Acq: 06 Jul 2022 17:14

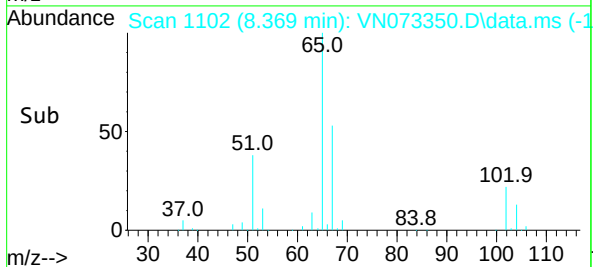
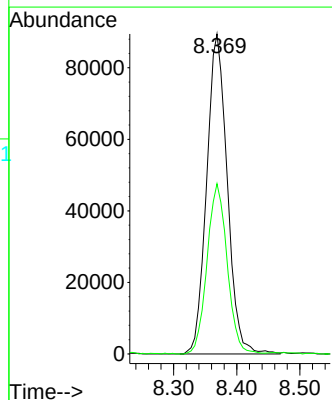
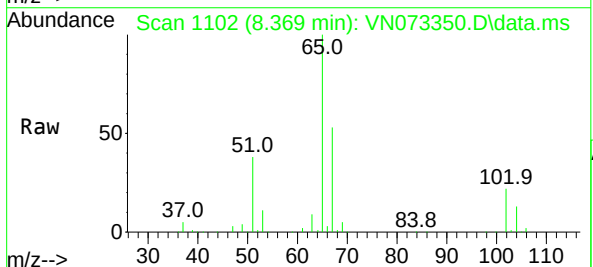
Instrument :
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ClientSampleId :
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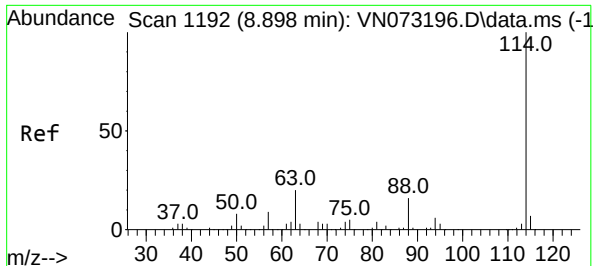
Tgt Ion: 56 Resp: 30125
Ion Ratio Lower Upper
56 100
69 25.2 27.8 41.8#
84 43.8 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 42.106 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073350.D
Acq: 06 Jul 2022 17:14

Tgt Ion: 65 Resp: 202514
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073350.D

Acq: 06 Jul 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

31473

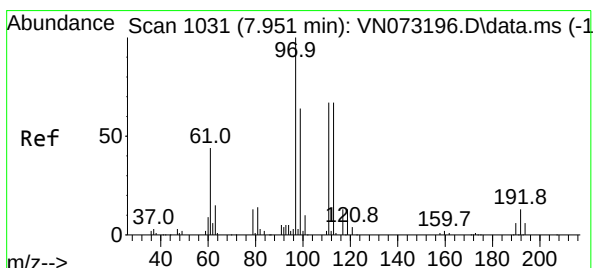
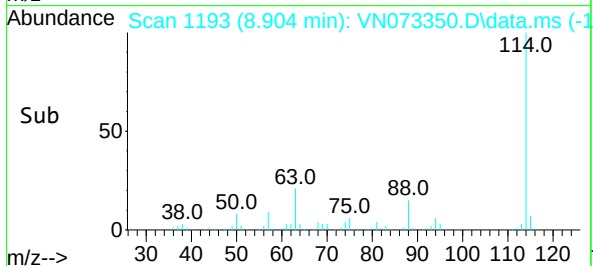
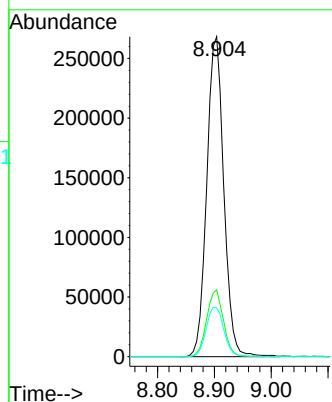
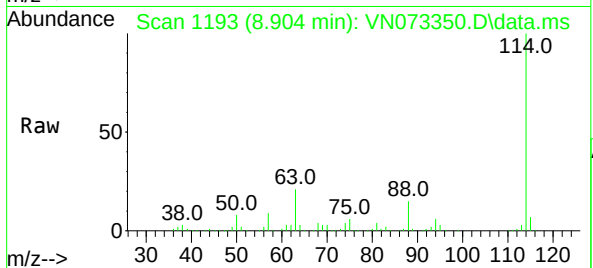
Tgt Ion:114 Resp: 556563

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.558 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073350.D

Acq: 06 Jul 2022 17:14

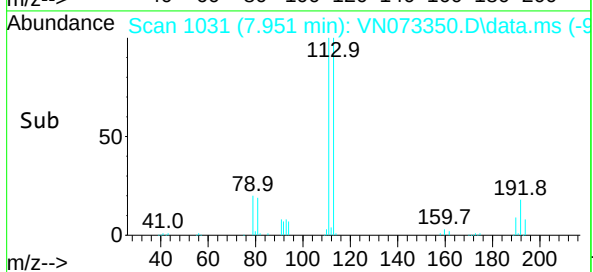
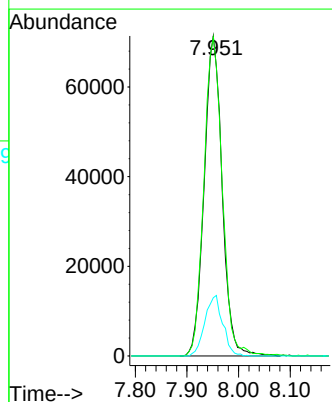
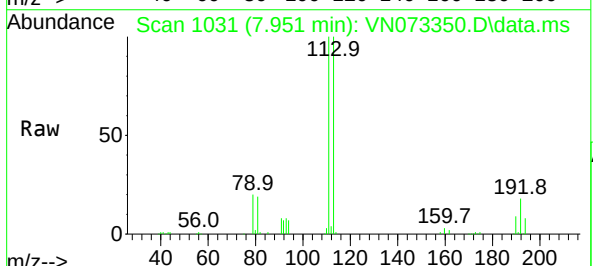
Tgt Ion:113 Resp: 172398

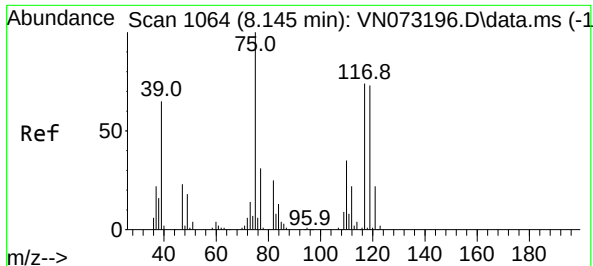
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 18.8 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.646 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.135 min

Lab File: VN073350.D

Acq: 06 Jul 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

31473

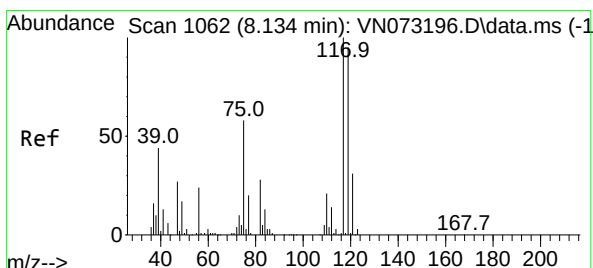
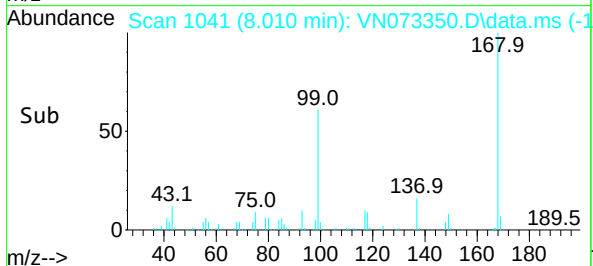
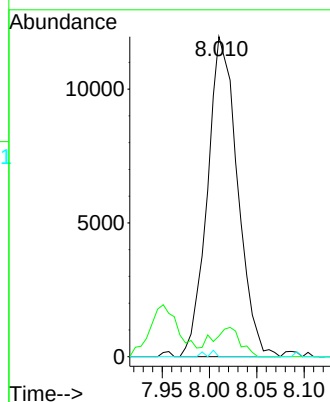
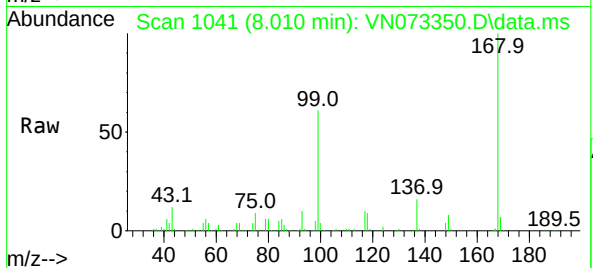
Tgt Ion: 75 Resp: 26471

Ion Ratio Lower Upper

75 100

110 8.7 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.735 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073350.D

Acq: 06 Jul 2022 17:14

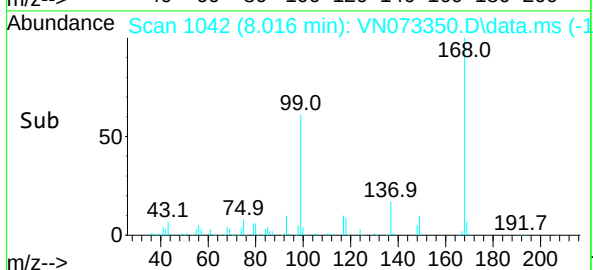
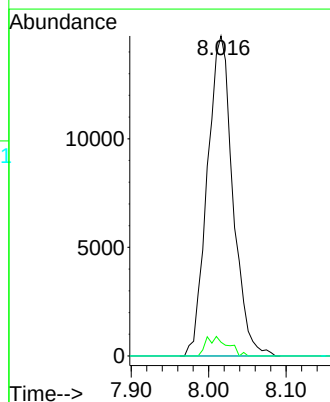
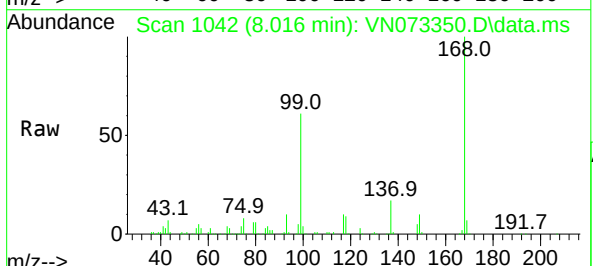
Tgt Ion: 117 Resp: 33794

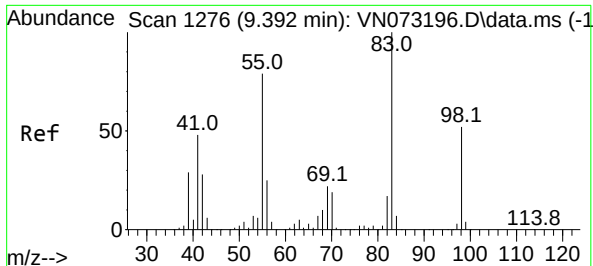
Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.8#

121 0.0 24.6 37.0#

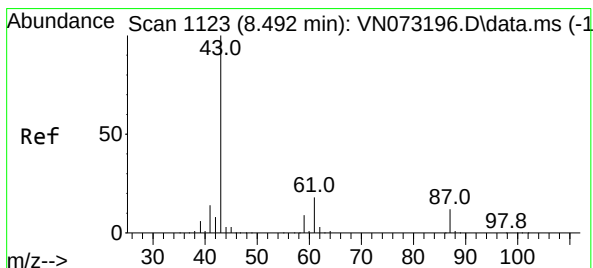
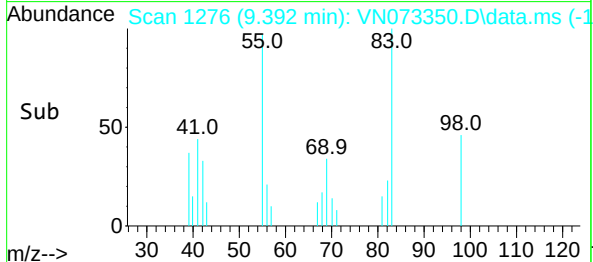
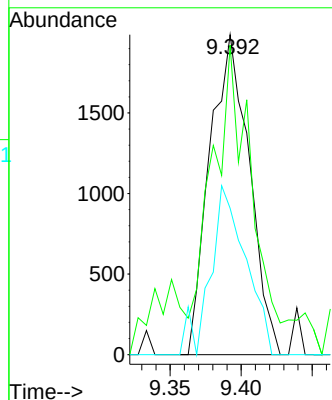
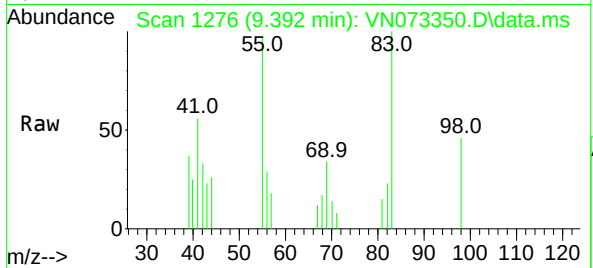




#39
Methylcyclohexane
Concen: 0.541 ug/l
RT: 9.392 min Scan# 1120
Delta R.T. 0.000 min
Lab File: VN073350.D
Acq: 06 Jul 2022 17:14

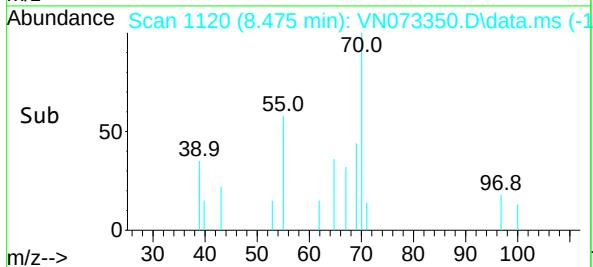
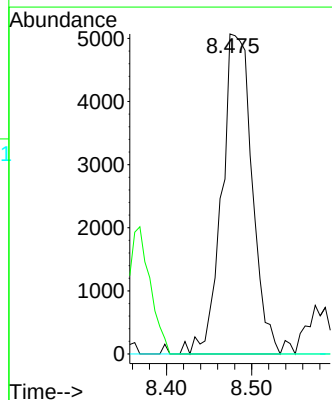
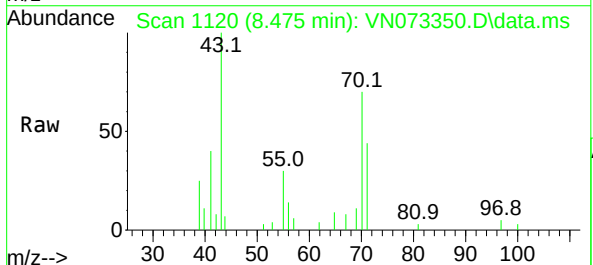
Instrument :
MSVOA_N
ClientSampleId :
31473

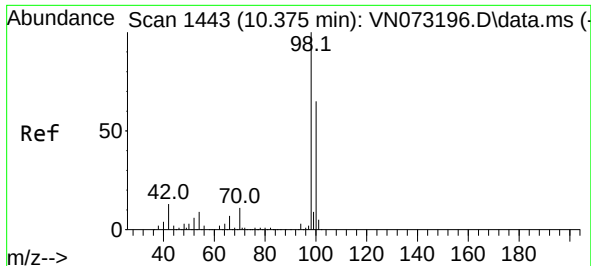
Tgt Ion: 83 Resp: 3838
Ion Ratio Lower Upper
83 100
55 86.8 57.8 86.8#
98 45.7 39.4 59.2



#43
Isopropyl Acetate
Concen: 1.011 ug/l
RT: 8.475 min Scan# 1120
Delta R.T. -0.017 min
Lab File: VN073350.D
Acq: 06 Jul 2022 17:14

Tgt Ion: 43 Resp: 12513
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

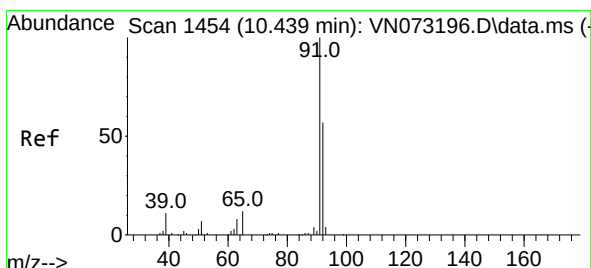
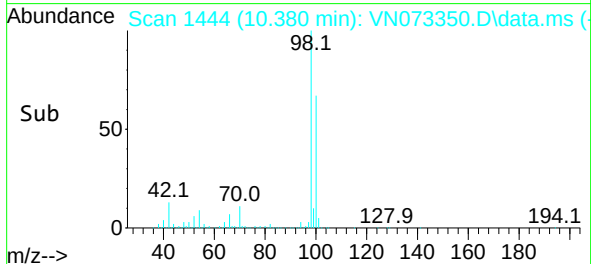
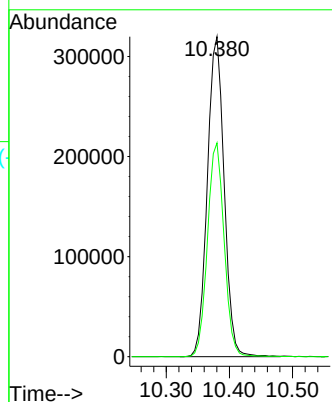
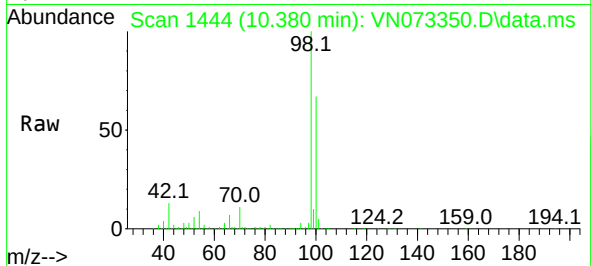




#50
Toluene-d8
Concen: 44.901 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073350.D
Acq: 06 Jul 2022 17:14

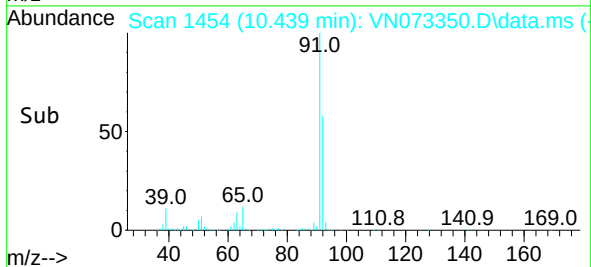
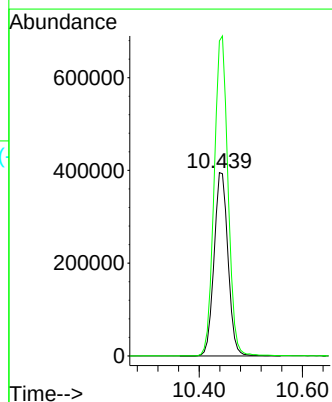
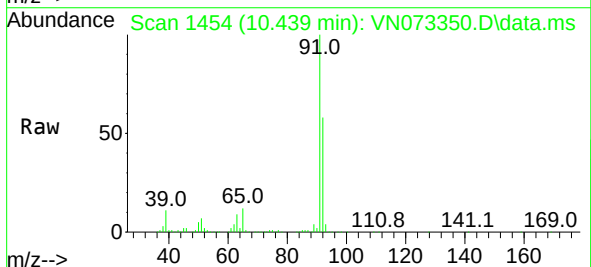
Instrument :
MSVOA_N
ClientSampleId :
31473

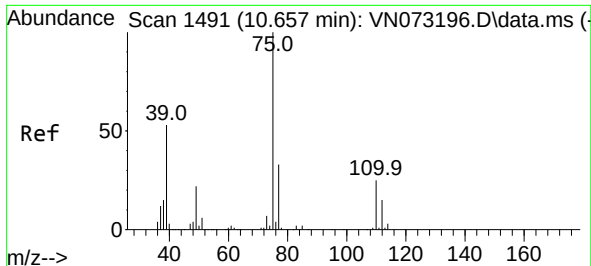
Tgt Ion: 98 Resp: 590510
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#52
Toluene
Concen: 68.010 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073350.D
Acq: 06 Jul 2022 17:14

Tgt Ion: 92 Resp: 739048
Ion Ratio Lower Upper
92 100
91 173.9 138.6 207.8

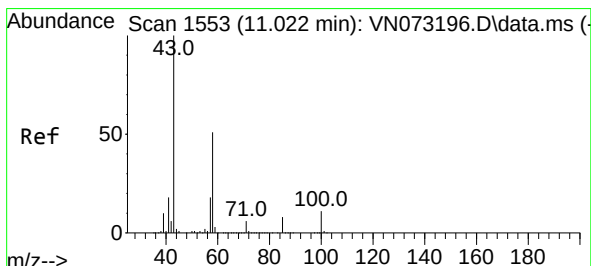
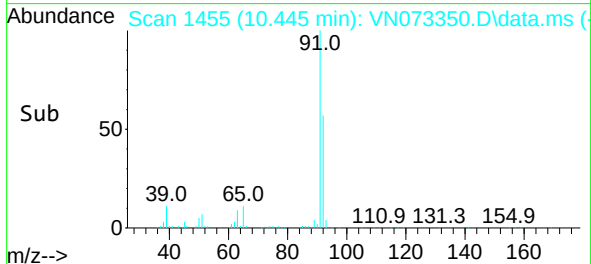
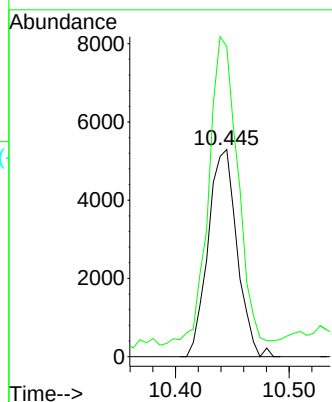
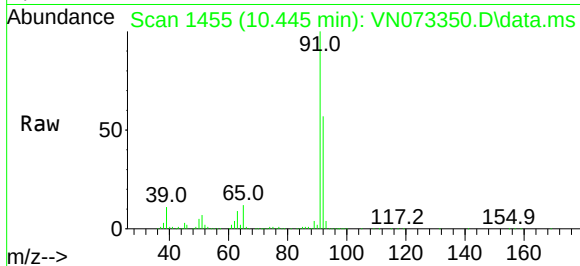




#53
t-1,3-Dichloropropene
Concen: 1.439 ug/l
RT: 10.445 min Scan# 1491
Delta R.T. -0.212 min
Lab File: VN073350.D
Acq: 06 Jul 2022 17:14

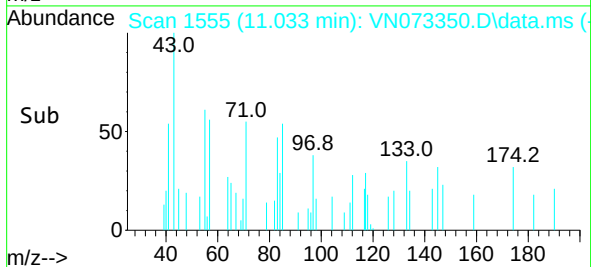
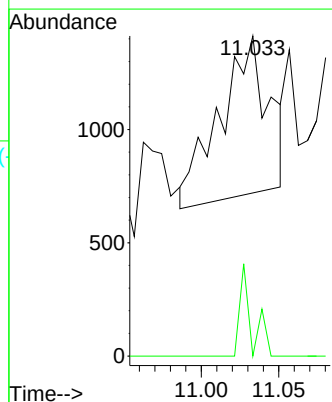
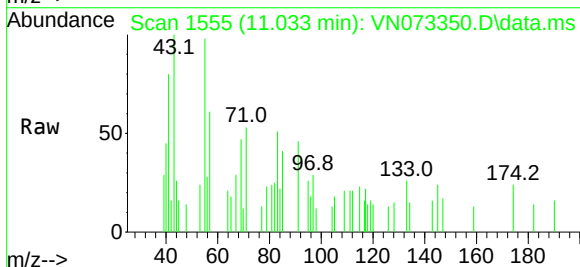
Instrument :
MSVOA_N
ClientSampleId :
31473

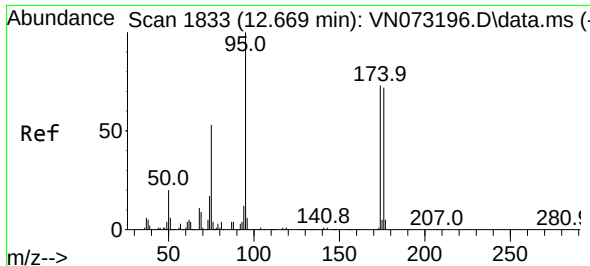
Tgt Ion: 75 Resp: 9338
Ion Ratio Lower Upper
75 100
77 141.6 25.6 38.4#



#59
2-Hexanone
Concen: 0.256 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.011 min
Lab File: VN073350.D
Acq: 06 Jul 2022 17:14

Tgt Ion: 43 Resp: 1533
Ion Ratio Lower Upper
43 100
58 14.2 29.7 89.1#

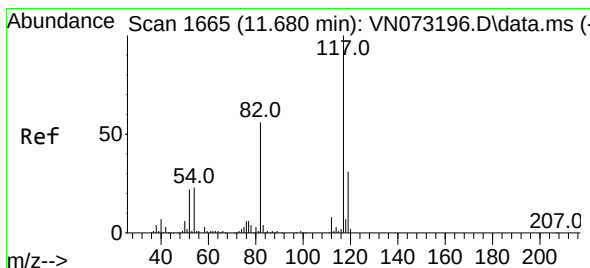
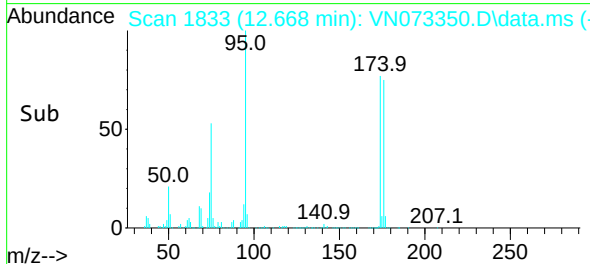
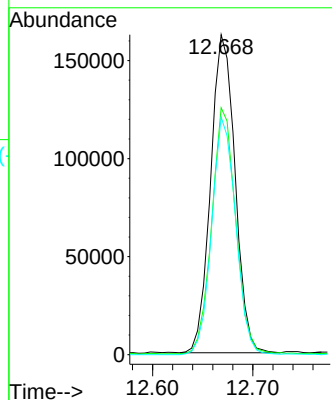
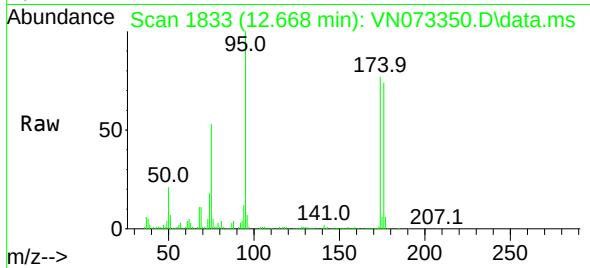




#62
4-Bromofluorobenzene
Concen: 54.180 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073350.D
Acq: 06 Jul 2022 17:14

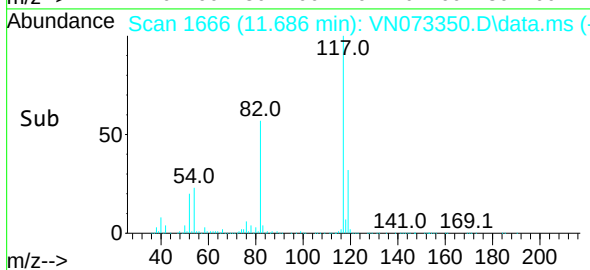
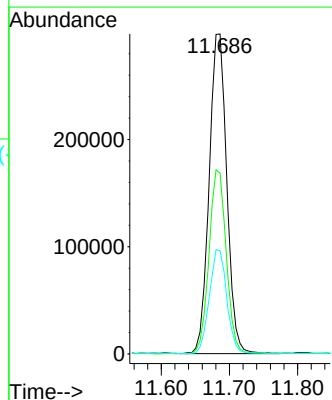
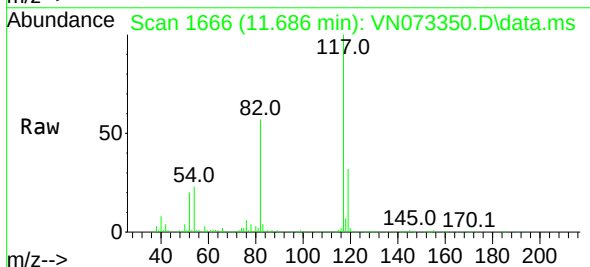
Instrument :
MSVOA_N
ClientSampleId :
31473

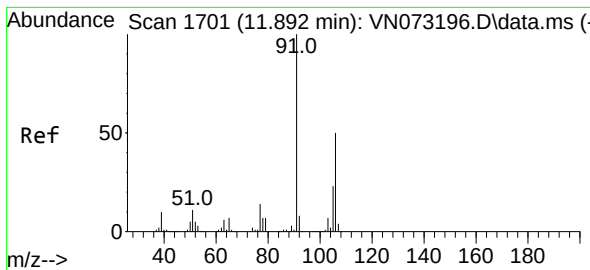
Tgt Ion: 95 Resp: 273828
Ion Ratio Lower Upper
95 100
174 76.3 0.0 167.6
176 73.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073350.D
Acq: 06 Jul 2022 17:14

Tgt Ion: 117 Resp: 536249
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 32.1 25.4 38.0

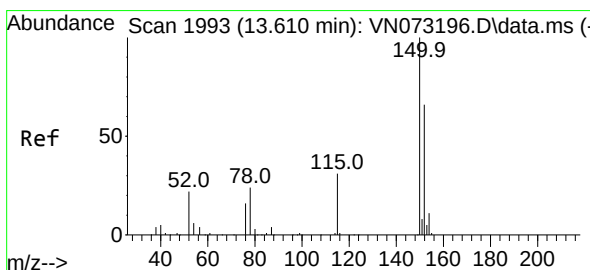
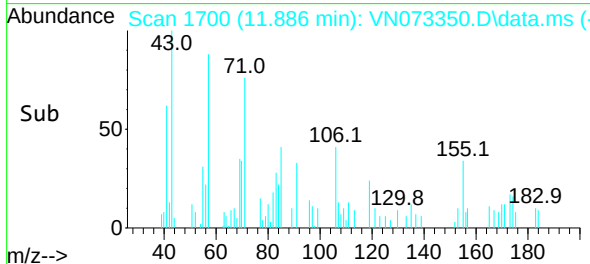
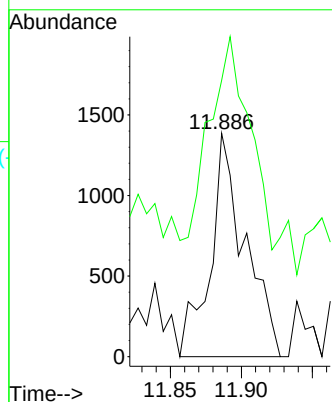
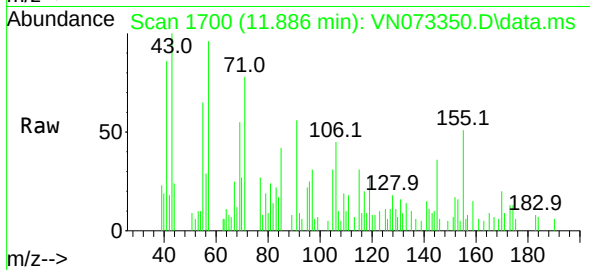




#68
m/p-Xylenes
Concen: 0.282 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073350.D
Acq: 06 Jul 2022 17:14

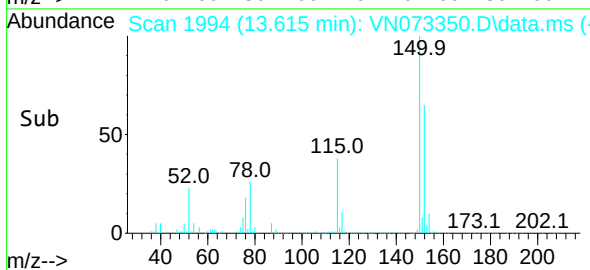
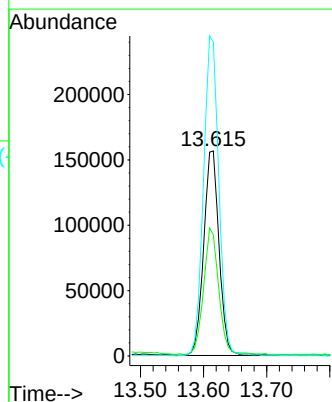
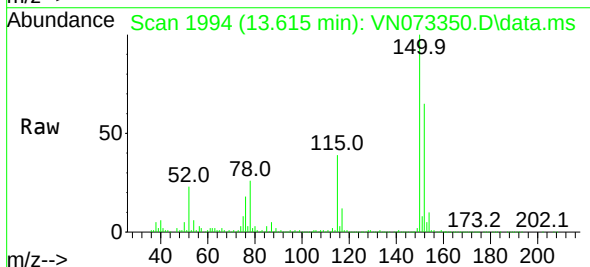
Instrument :
MSVOA_N
ClientSampleId :
31473

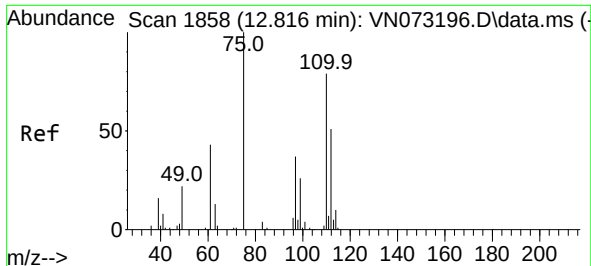
Tgt Ion:106 Resp: 2341
Ion Ratio Lower Upper
106 100
91 144.4 158.9 238.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073350.D
Acq: 06 Jul 2022 17:14

Tgt Ion:152 Resp: 265553
Ion Ratio Lower Upper
152 100
115 61.1 28.9 86.7
150 155.9 0.0 356.2

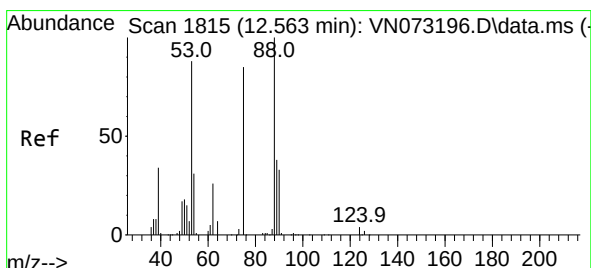
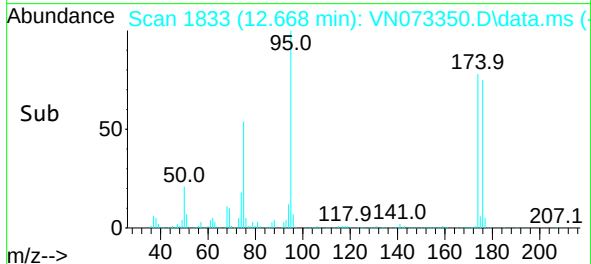
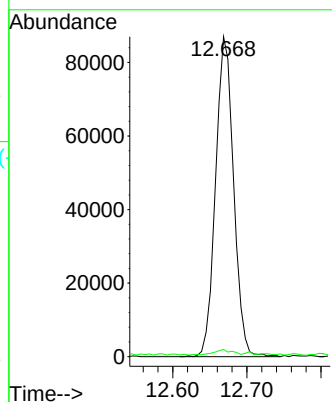
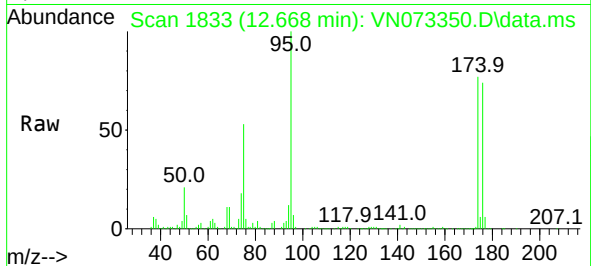




#76
1,2,3-Trichloropropane
Concen: 21.165 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073350.D
Acq: 06 Jul 2022 17:14

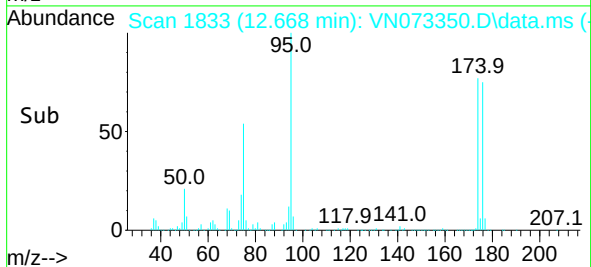
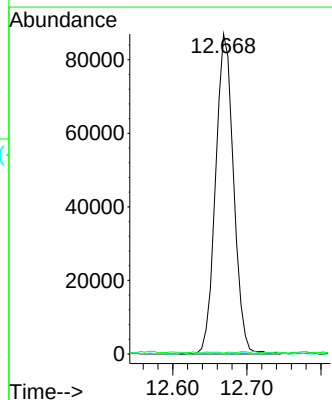
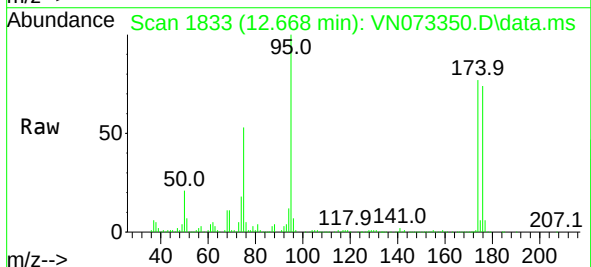
Instrument :
MSVOA_N
ClientSampleId :
31473

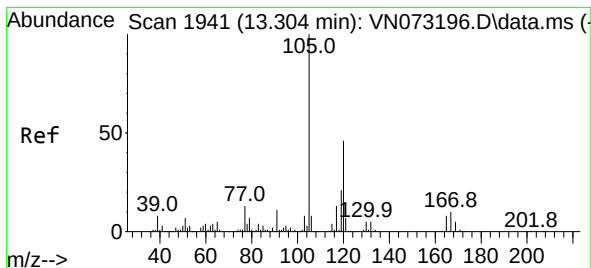
Tgt Ion: 75 Resp: 146964
Ion Ratio Lower Upper
75 100
77 1.5 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.045 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.105 min
Lab File: VN073350.D
Acq: 06 Jul 2022 17:14

Tgt Ion: 75 Resp: 146964
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#





#84

1,2,4-Trimethylbenzene

Concen: 0.487 ug/l

RT: 13.310 min Scan# 1941

Delta R.T. 0.006 min

Lab File: VN073350.D

Acq: 06 Jul 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

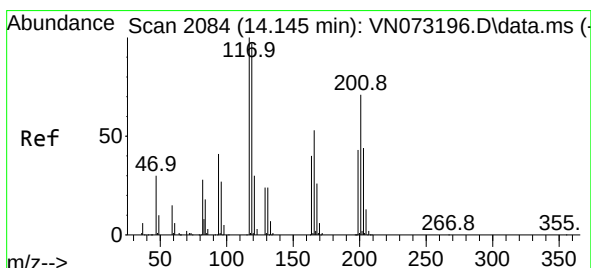
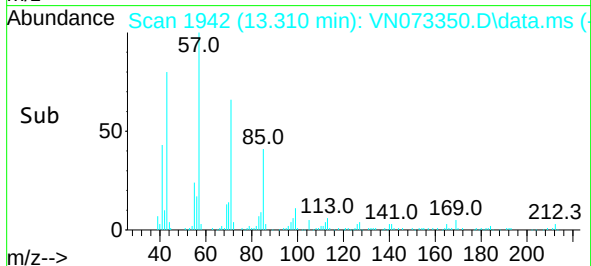
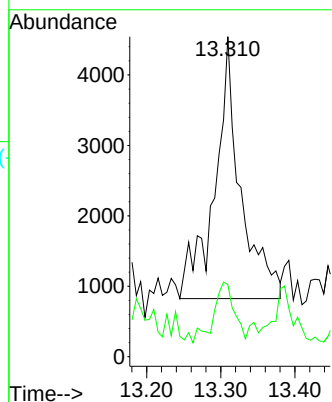
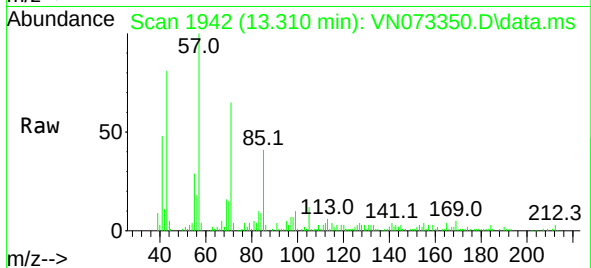
31473

Tgt Ion:105 Resp: 9082

Ion Ratio Lower Upper

105 100

120 16.6 23.3 69.8#



#90

Hexachloroethane

Concen: 0.232 ug/l

RT: 14.192 min Scan# 2092

Delta R.T. 0.047 min

Lab File: VN073350.D

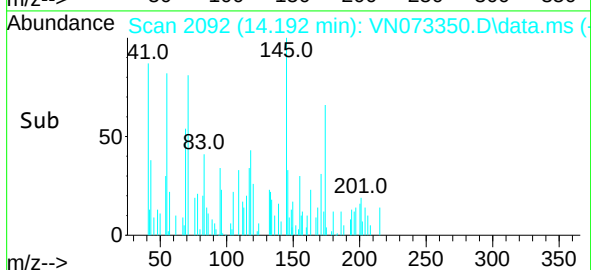
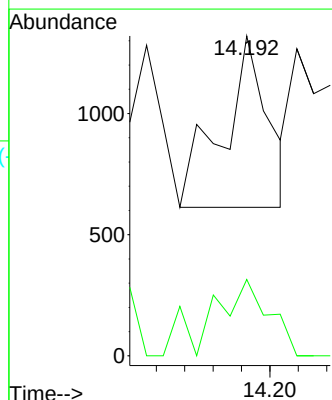
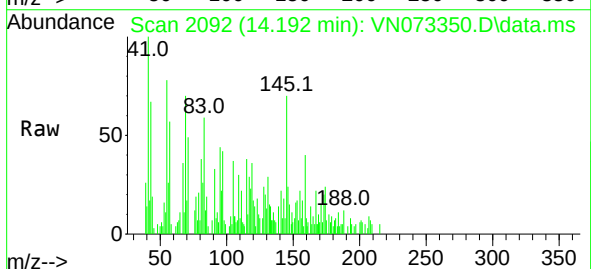
Acq: 06 Jul 2022 17:14

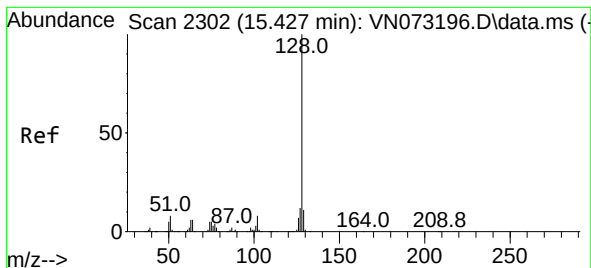
Tgt Ion:117 Resp: 786

Ion Ratio Lower Upper

117 100

201 57.3 40.6 122.0





#95

Naphthalene

Concen: 0.464 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073350.D

Acq: 06 Jul 2022 17:14

Instrument :

MSVOA_N

ClientSampleId :

31473

Tgt Ion:128 Resp: 9488

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 6.7 8.6 13.0#

