

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073158.D
 Acq On : 27 Jun 2022 13:36
 Operator : JC\MD
 Sample : N3494-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-1-4

Quant Time: Jun 28 06:37:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

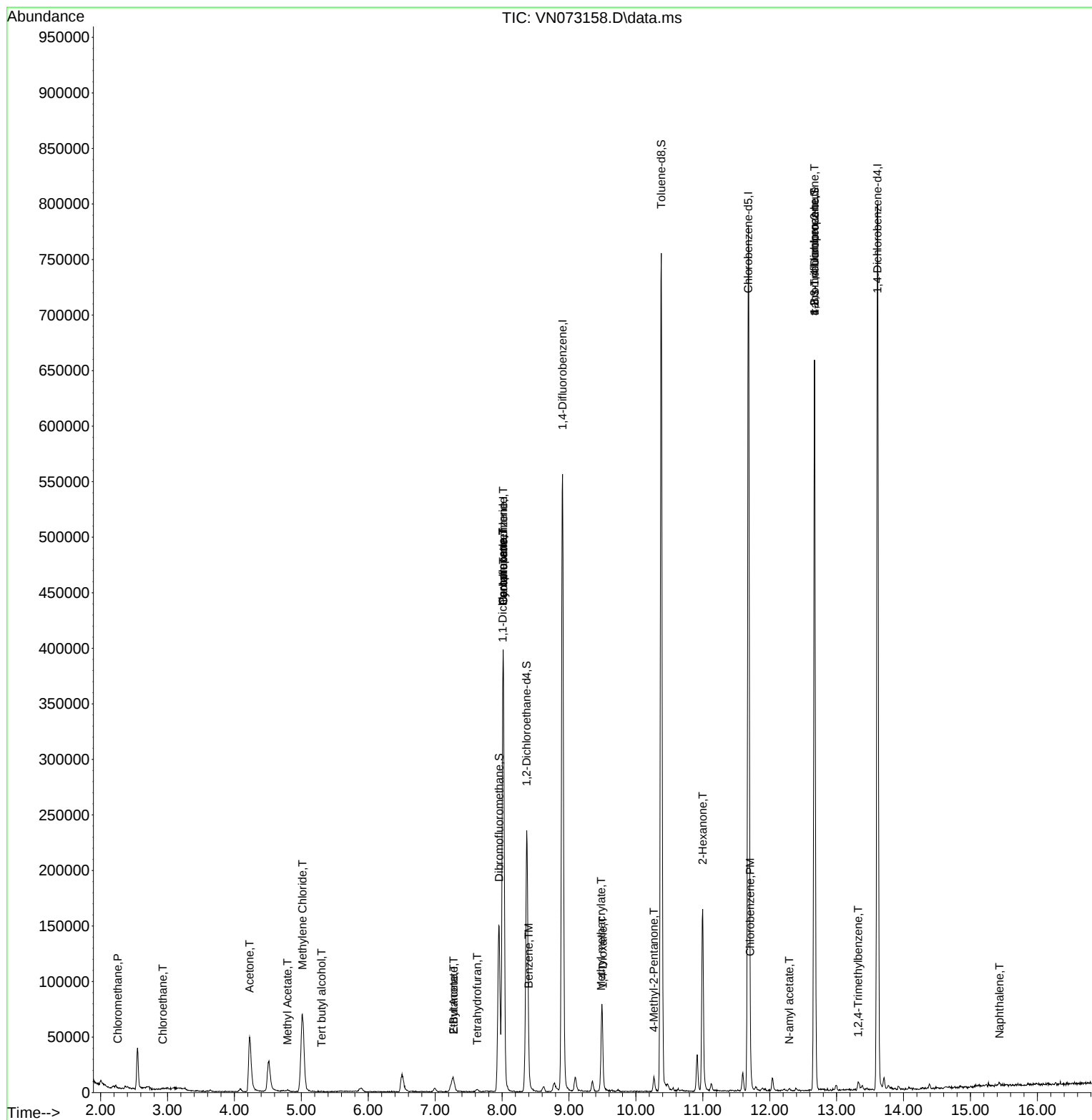
Internal Standards						
1) Pentafluorobenzene	8.016	168	305328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	492136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	454803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	214716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	185994	45.057	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.120%
35) Dibromofluoromethane	7.957	113	111526	36.664	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	73.320%#
50) Toluene-d8	10.380	98	519199	45.871	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.740%
62) 4-Bromofluorobenzene	12.668	95	222154	54.582	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.160%
Target Compounds						
					Qvalue	
3) Chloromethane	2.257	50	456	0.714	ug/l #	43
6) Chloroethane	2.928	64	364	0.223	ug/l #	42
11) Tert butyl alcohol	5.304	59	535	0.502	ug/l #	72
16) Acetone	4.228	43	94154	41.494	ug/l	96
18) Methyl Acetate	4.792	43	2876	0.476	ug/l #	78
20) Methylene Chloride	5.016	84	56542	15.900	ug/l #	85
25) 2-Butanone	7.275	43	20941	5.816	ug/l #	85
26) 2,2-Dichloropropane	7.239	77	198	Below Cal	#	53
29) Tetrahydrofuran	7.628	42	1423	0.598	ug/l #	64
31) Cyclohexane	8.016	56	7169	1.284	ug/l #	36
36) 1,1-Dichloropropene	8.010	75	24313	5.907	ug/l #	48
37) Ethyl Acetate	7.275	43	20941	3.181	ug/l #	67
38) Carbon Tetrachloride	8.016	117	31889	7.366	ug/l #	17
40) Benzene	8.398	78	5567	0.430	ug/l	91
48) Methyl methacrylate	9.480	41	7755	1.805	ug/l #	37
49) 1,4-Dioxane	9.504	88	73	0.755	ug/l #	1
51) 4-Methyl-2-Pentanone	10.269	43	9364	1.526	ug/l	90
59) 2-Hexanone	10.998	43	141058	29.718	ug/l #	21
65) Chlorobenzene	11.710	112	10078	1.135	ug/l	98
74) N-amyl acetate	12.292	43	2076	0.241	ug/l #	40
76) 1,2,3-Trichloropropane	12.668	75	115094	22.109	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	115094	59.708	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.321	105	3219	0.237	ug/l #	36
95) Naphthalene	15.433	128	3340	0.201	ug/l	97

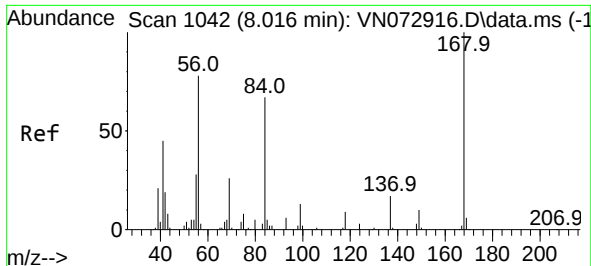
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
Data File : VN073158.D
Acq On : 27 Jun 2022 13:36
Operator : JC\MD
Sample : N3494-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

Quant Time: Jun 28 06:37:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 18 06:22:45 2022
Response via : Initial Calibration

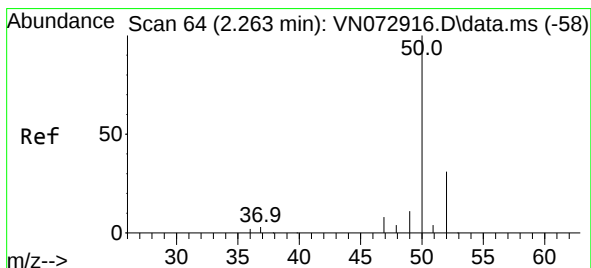
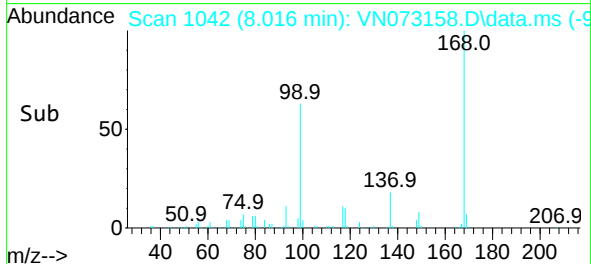
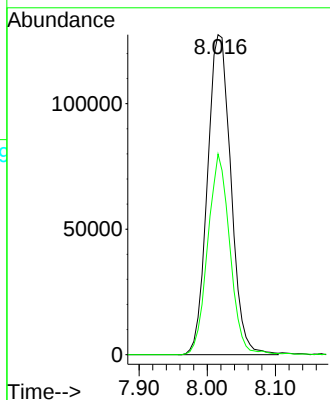
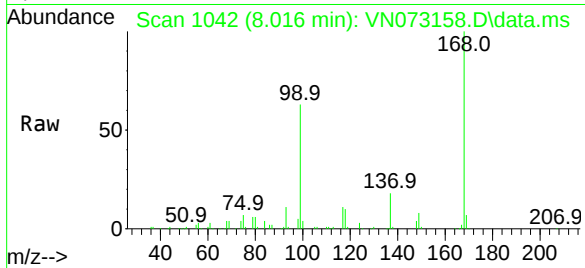




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

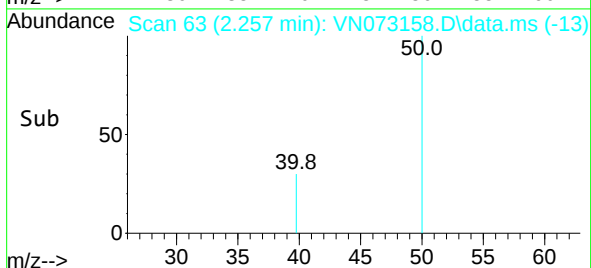
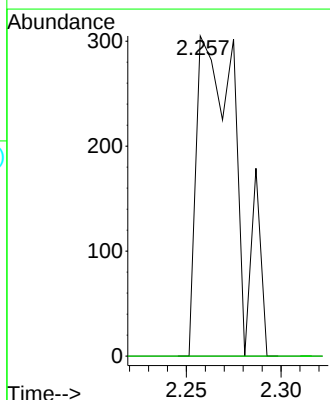
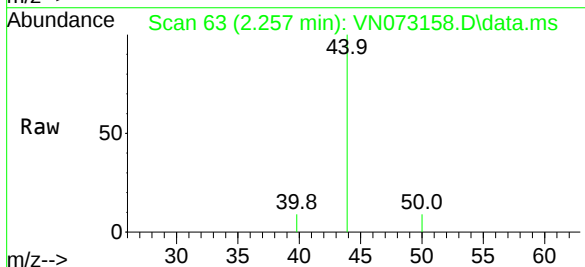
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

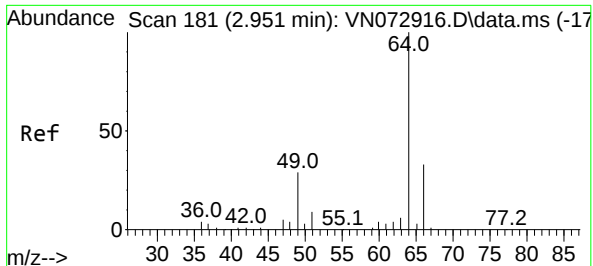
Tgt Ion:168 Resp: 305328
Ion Ratio Lower Upper
168 100
99 62.7 42.3 63.5



#3
Chloromethane
Concen: 0.714 ug/l
RT: 2.257 min Scan# 63
Delta R.T. -0.006 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

Tgt Ion: 50 Resp: 456
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

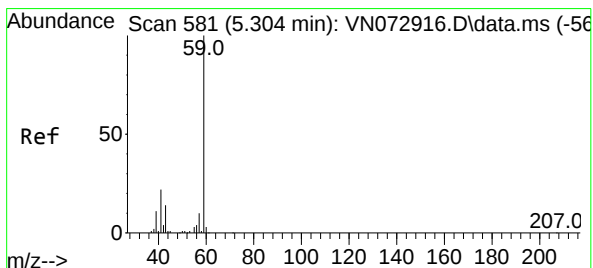
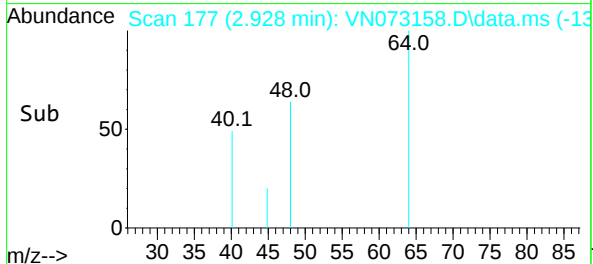
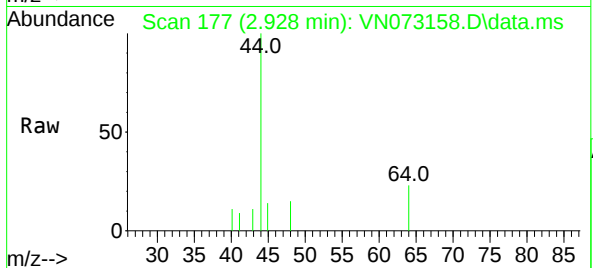




#6
Chloroethane
Concen: 0.223 ug/l
RT: 2.928 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

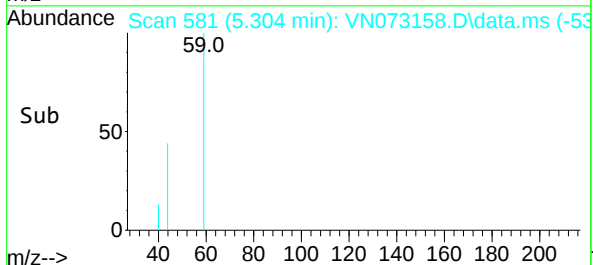
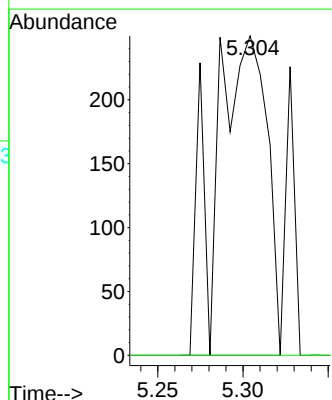
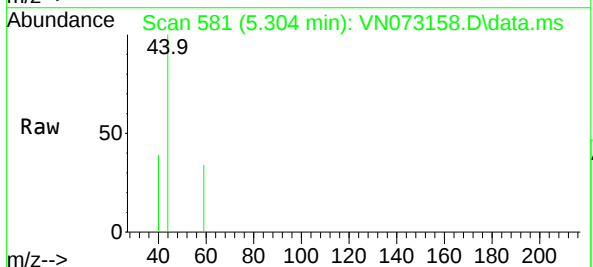
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

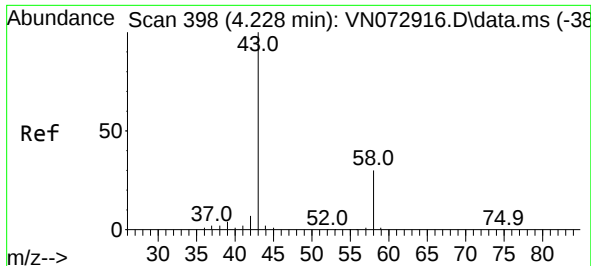
Tgt Ion: 64 Resp: 364
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.502 ug/l
RT: 5.304 min Scan# 581
Delta R.T. -0.000 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

Tgt Ion: 59 Resp: 535
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 41.494 ug/l

RT: 4.228 min Scan# 398

Delta R.T. -0.000 min

Lab File: VN073158.D

Acq: 27 Jun 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

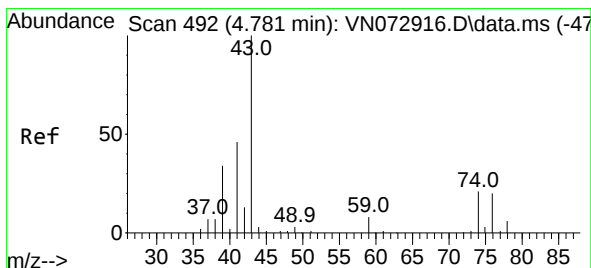
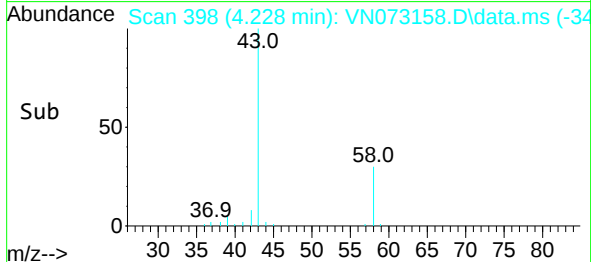
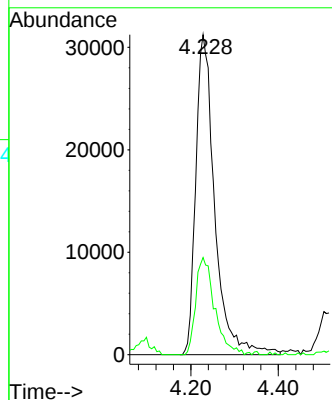
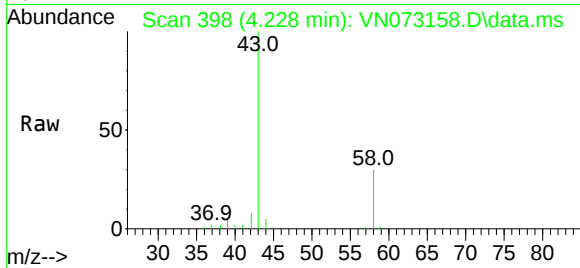
SP-EXC-1-4

Tgt Ion: 43 Resp: 94154

Ion Ratio Lower Upper

43 100

58 30.4 26.0 39.0



#18

Methyl Acetate

Concen: 0.476 ug/l

RT: 4.792 min Scan# 494

Delta R.T. 0.012 min

Lab File: VN073158.D

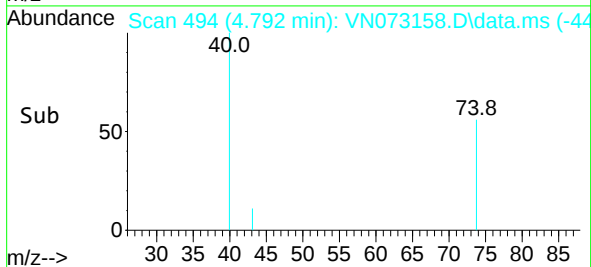
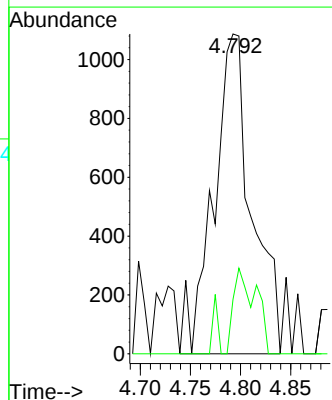
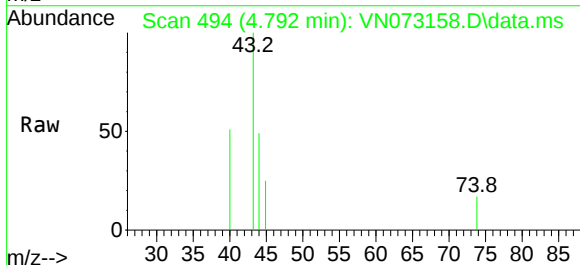
Acq: 27 Jun 2022 13:36

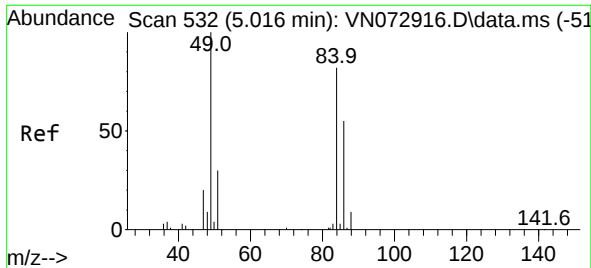
Tgt Ion: 43 Resp: 2876

Ion Ratio Lower Upper

43 100

74 15.6 21.6 32.4#

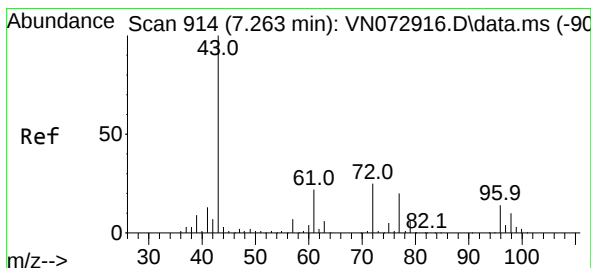
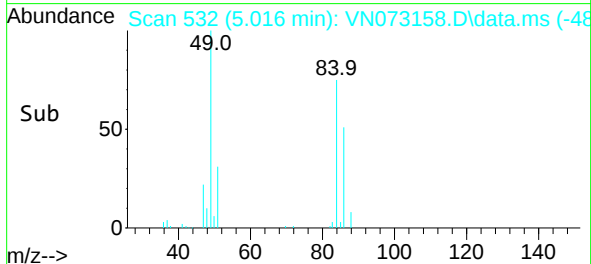
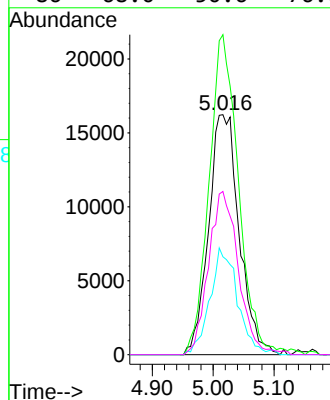
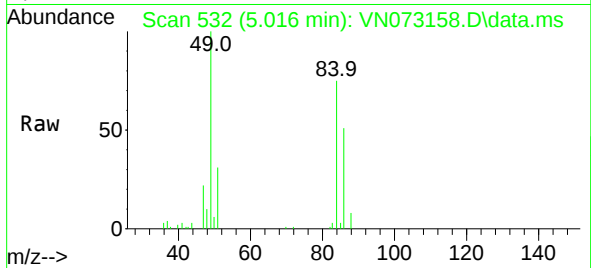




#20
Methylene Chloride
Concen: 15.900 ug/l
RT: 5.016 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

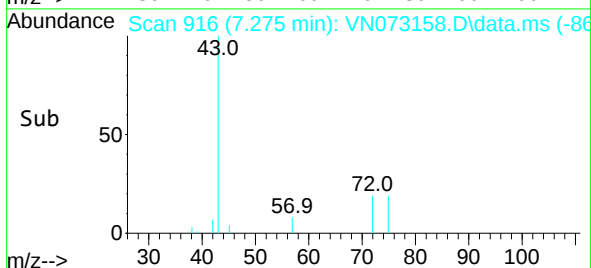
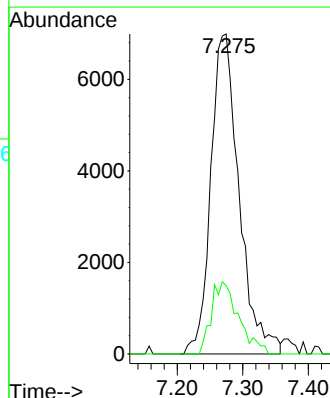
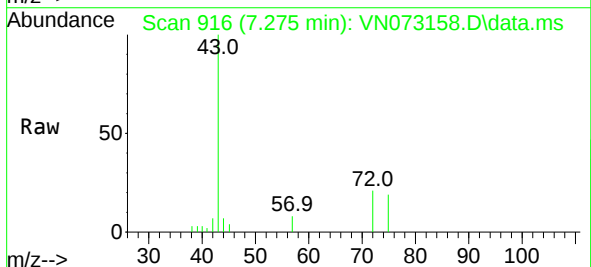
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

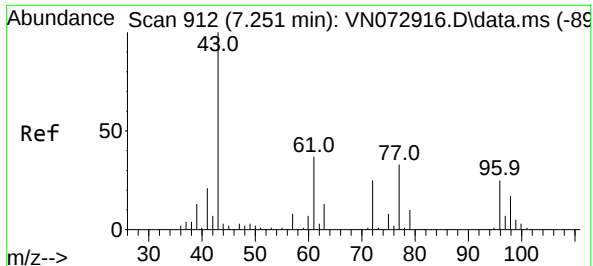
Tgt Ion:	84	Resp:	56542
Ion	Ratio	Lower	Upper
84	100		
49	133.3	88.3	132.5#
51	40.8	28.2	42.2
86	68.0	50.6	76.0



#25
2-Butanone
Concen: 5.816 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.012 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

Tgt Ion:	43	Resp:	20941
Ion	Ratio	Lower	Upper
43	100		
72	21.3	23.7	35.5#





#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.239 min Scan# 91

Delta R.T. -0.012 min

Lab File: VN073158.D

Acq: 27 Jun 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

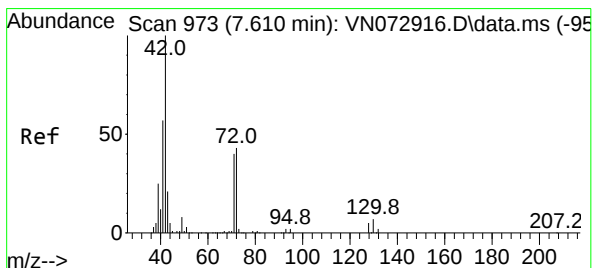
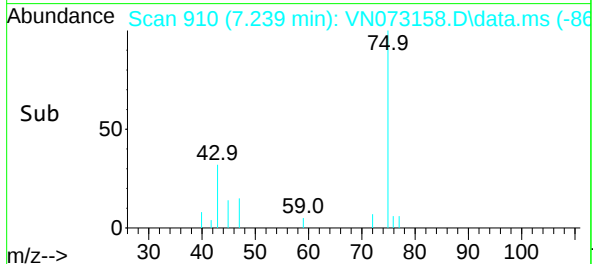
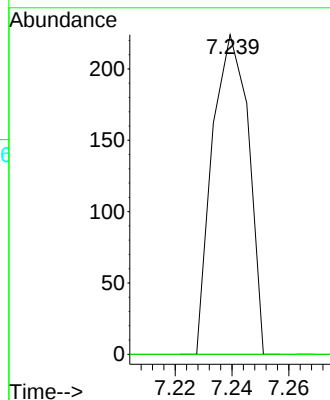
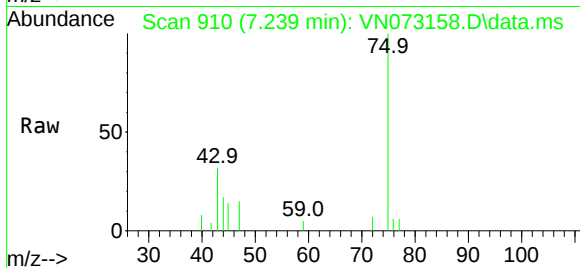
SP-EXC-1-4

Tgt Ion: 77 Resp: 198

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



#29

Tetrahydrofuran

Concen: 0.598 ug/l

RT: 7.628 min Scan# 976

Delta R.T. 0.018 min

Lab File: VN073158.D

Acq: 27 Jun 2022 13:36

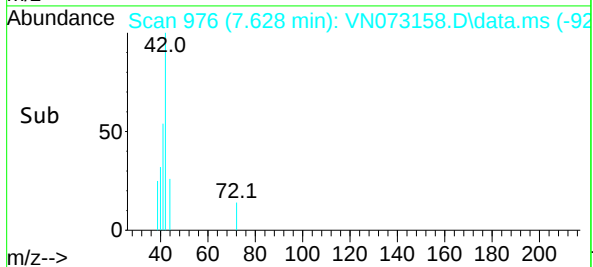
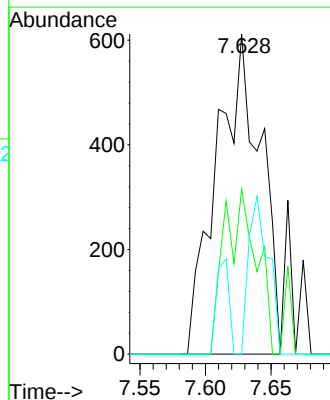
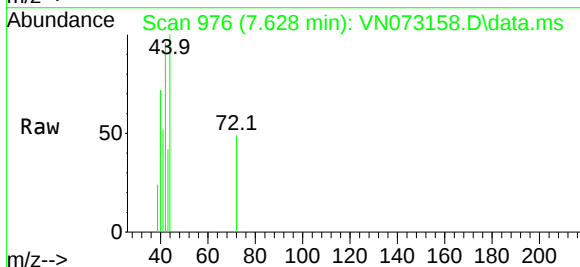
Tgt Ion: 42 Resp: 1423

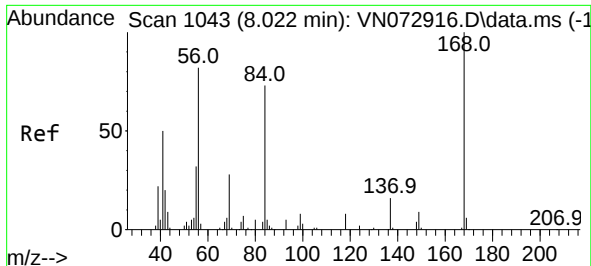
Ion Ratio Lower Upper

42 100

72 37.8 39.7 59.5#

71 8.6 36.6 55.0#

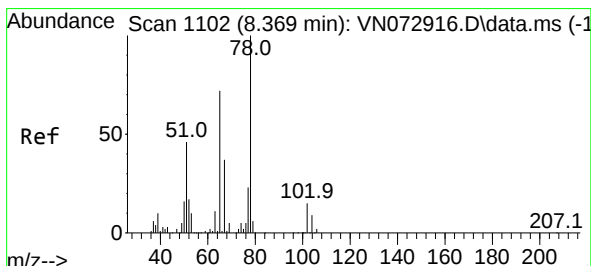
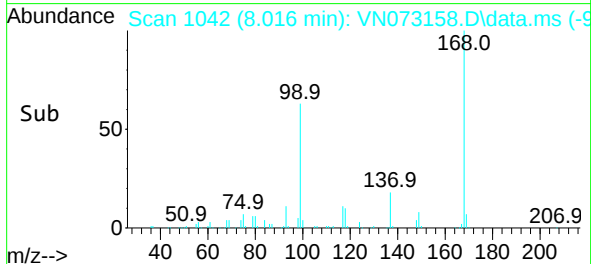
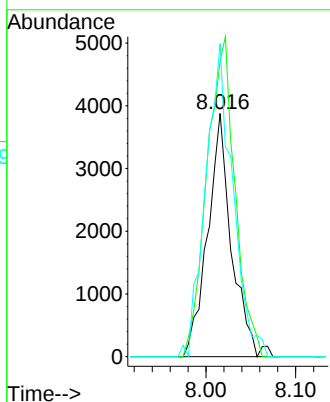
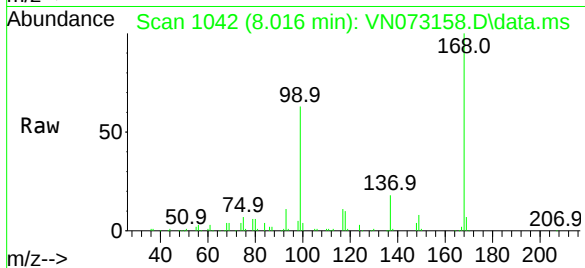




#31
Cyclohexane
Concen: 1.284 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

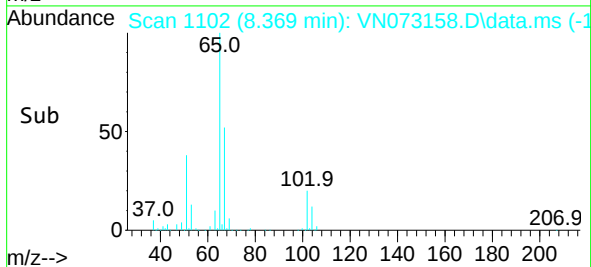
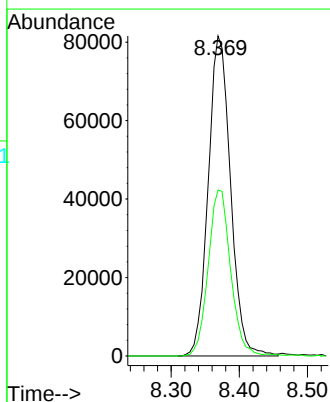
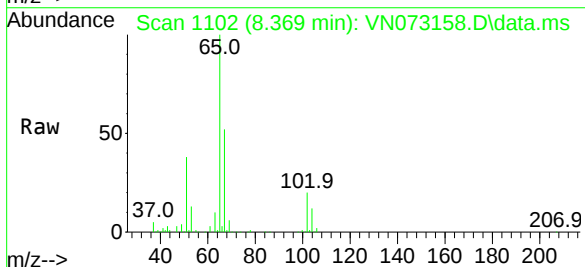
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

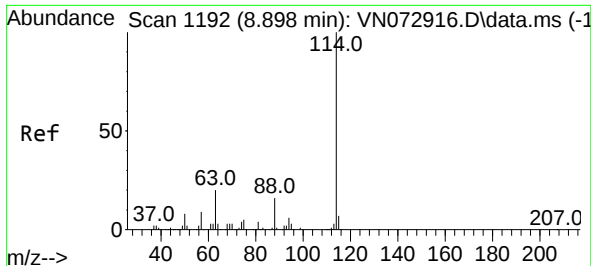
Tgt Ion: 56 Resp: 7169
Ion Ratio Lower Upper
56 100
69 121.7 27.8 41.8#
84 128.7 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 45.057 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

Tgt Ion: 65 Resp: 185994
Ion Ratio Lower Upper
65 100
67 52.3 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: VN073158.D

Acq: 27 Jun 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-1-4

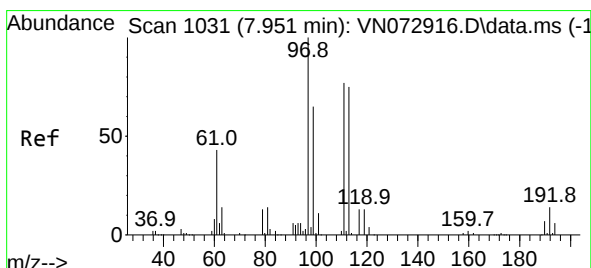
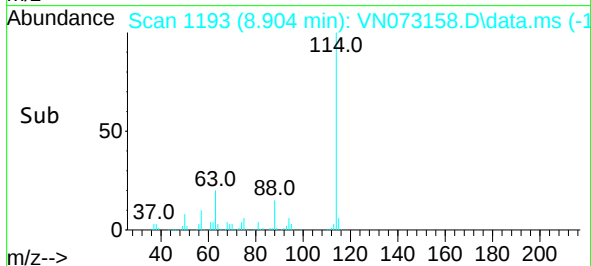
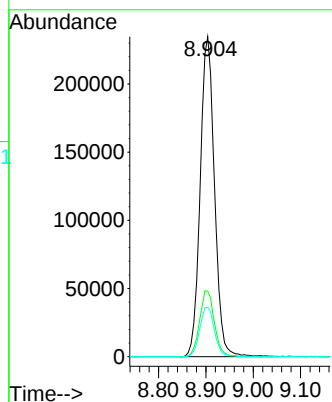
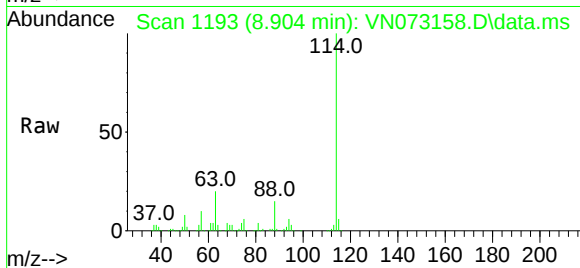
Tgt Ion:114 Resp: 492136

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 36.664 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073158.D

Acq: 27 Jun 2022 13:36

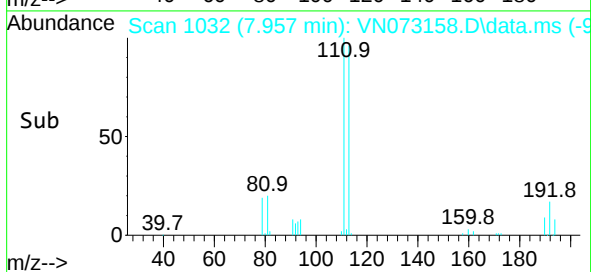
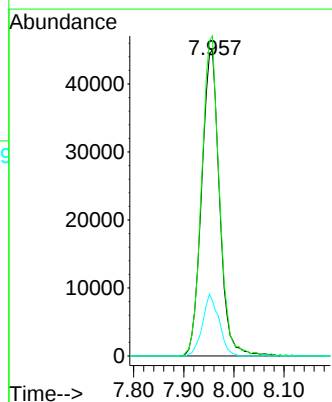
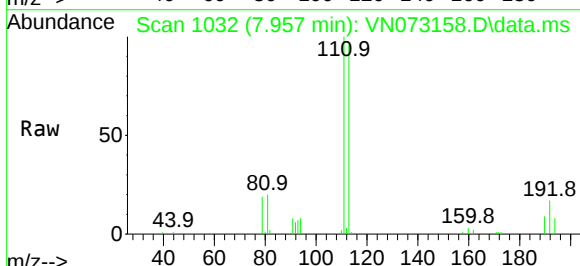
Tgt Ion:113 Resp: 111526

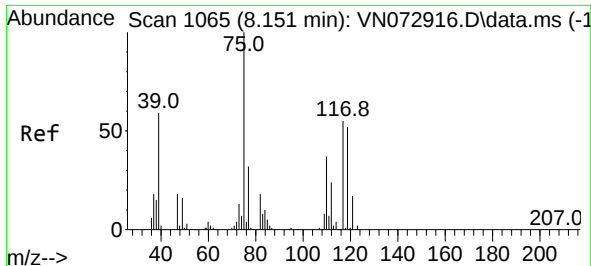
Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 18.7 17.0 25.6

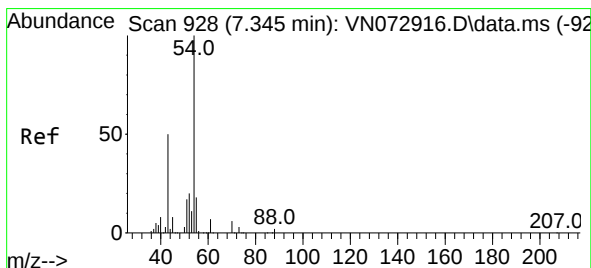
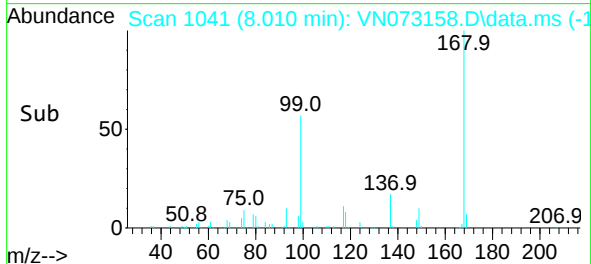
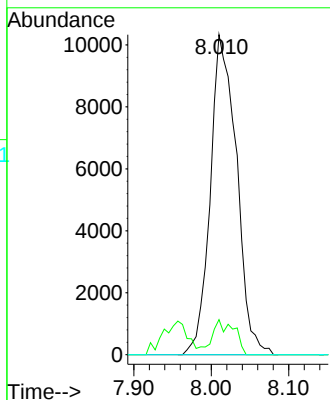
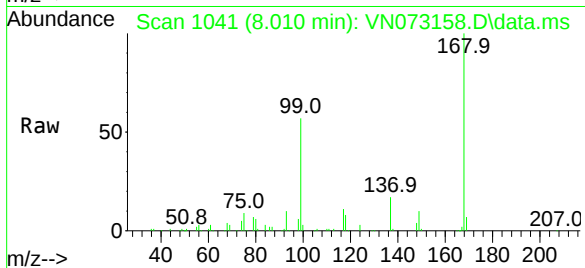




#36
1,1-Dichloropropene
Concen: 5.907 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

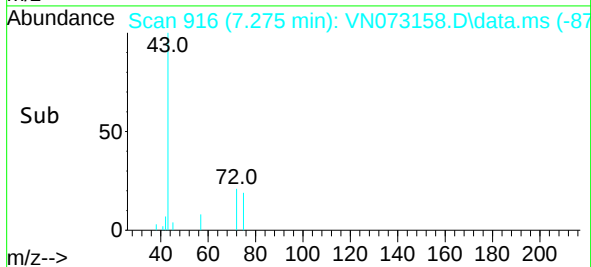
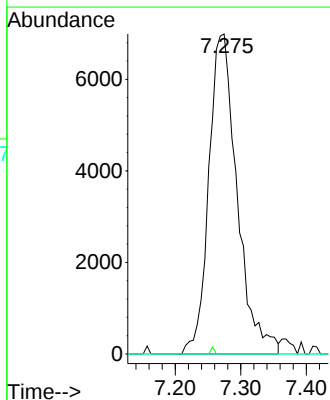
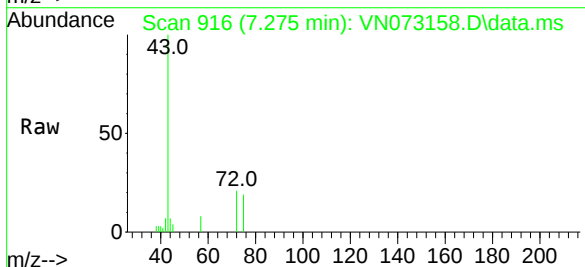
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

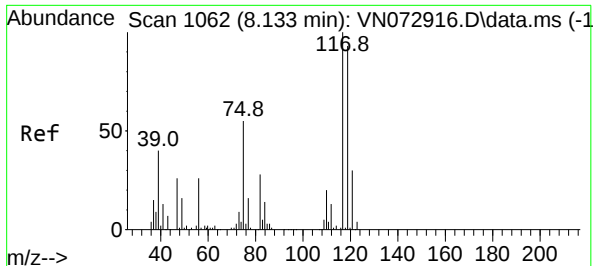
Tgt Ion: 75 Resp: 24313
Ion Ratio Lower Upper
75 100
110 8.7 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 3.181 ug/l
RT: 7.275 min Scan# 916
Delta R.T. -0.071 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

Tgt Ion: 43 Resp: 20941
Ion Ratio Lower Upper
43 100
61 0.3 11.8 17.6#
70 0.0 9.3 13.9#

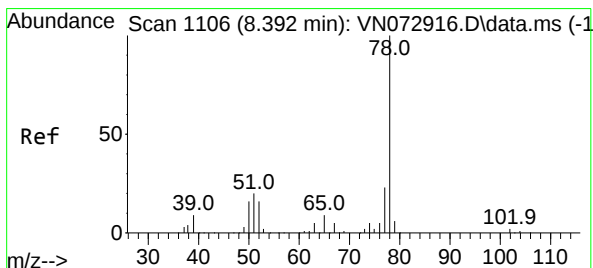
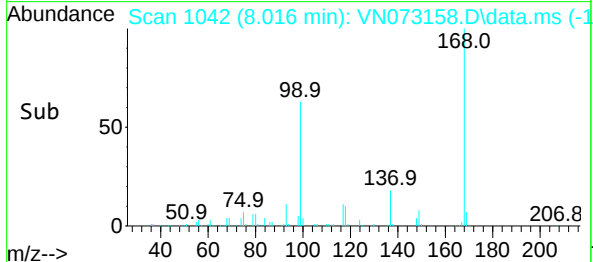
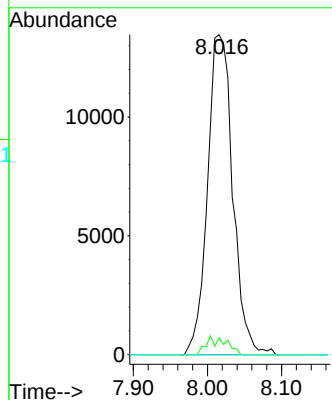
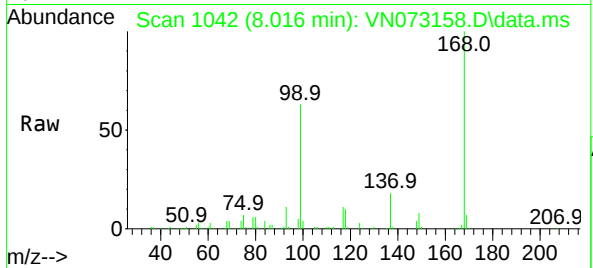




#38
Carbon Tetrachloride
Concen: 7.366 ug/l
RT: 8.016 min Scan# 1107
Delta R.T. -0.118 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

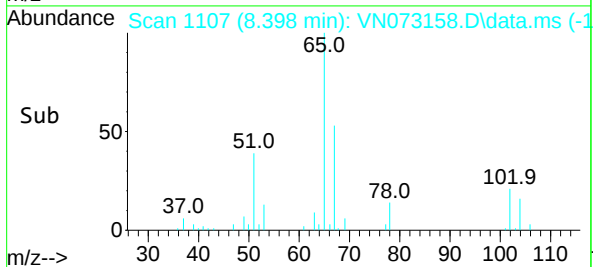
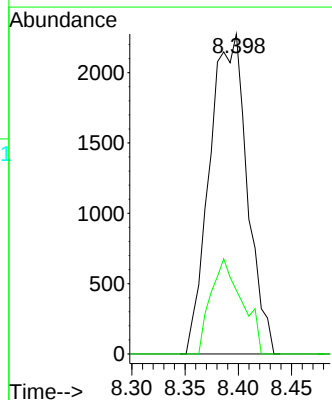
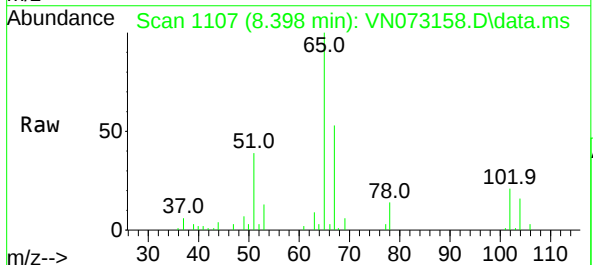
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

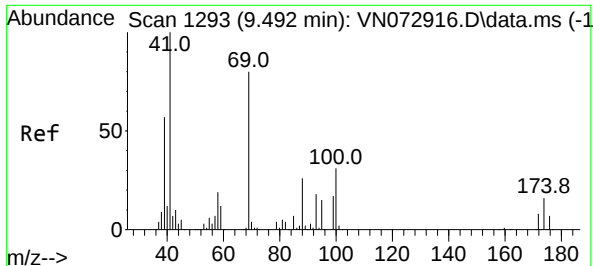
Tgt Ion:117 Resp: 31889
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 0.430 ug/l
RT: 8.398 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

Tgt Ion: 78 Resp: 5567
Ion Ratio Lower Upper
78 100
77 19.9 19.4 29.0

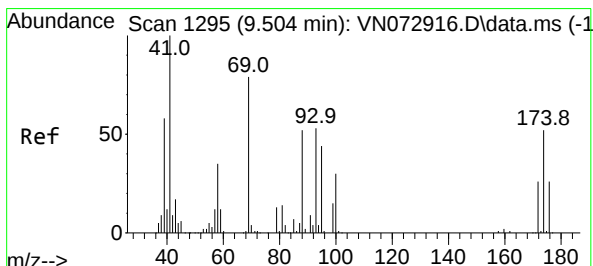
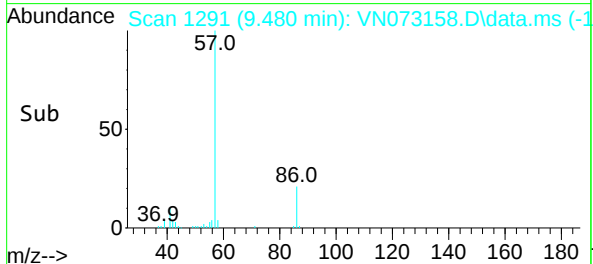
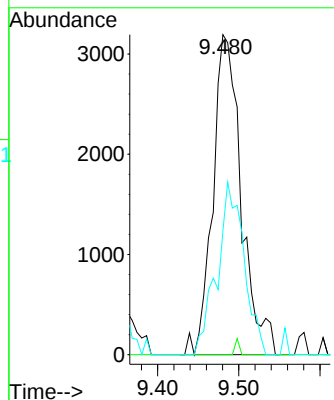
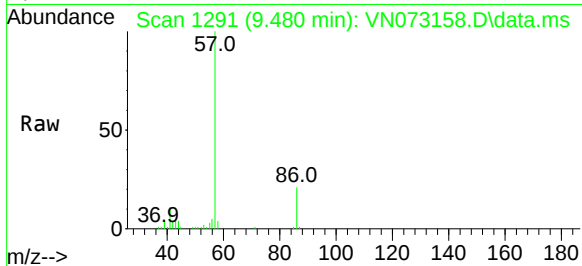




#48
Methyl methacrylate
Concen: 1.805 ug/l
RT: 9.480 min Scan# 1291
Delta R.T. -0.012 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

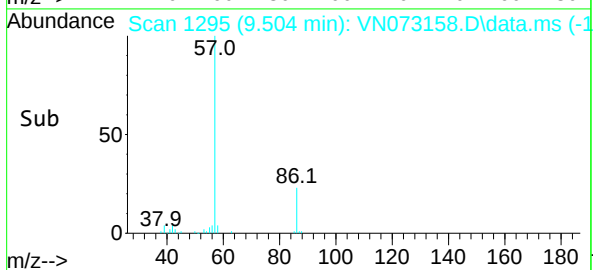
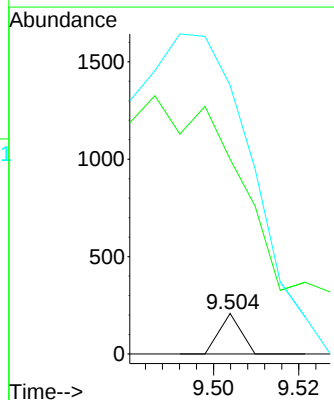
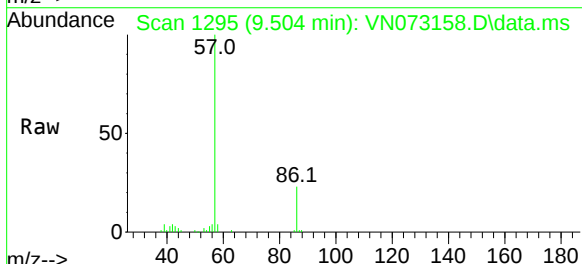
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

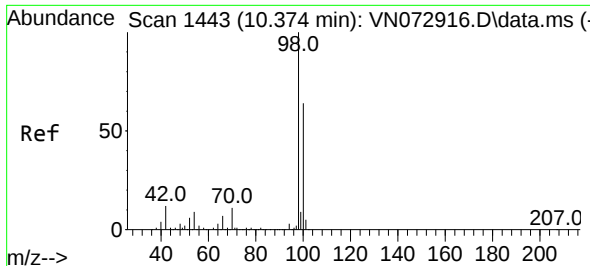
Tgt Ion: 41 Resp: 7755
Ion Ratio Lower Upper
41 100
69 0.7 74.7 112.1#
39 51.2 45.6 68.4



#49
1,4-Dioxane
Concen: 0.755 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

Tgt Ion: 88 Resp: 73
Ion Ratio Lower Upper
88 100
43 4258.9 20.2 30.4#
58 5308.2 54.2 81.4#

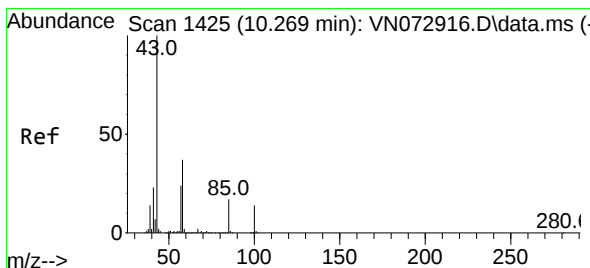
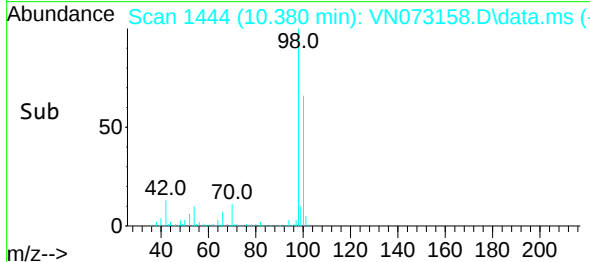
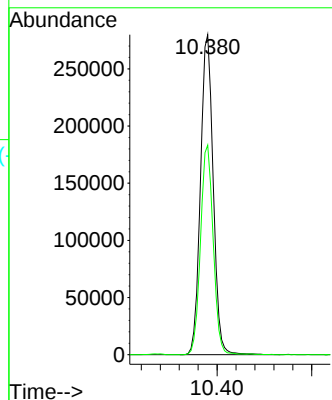
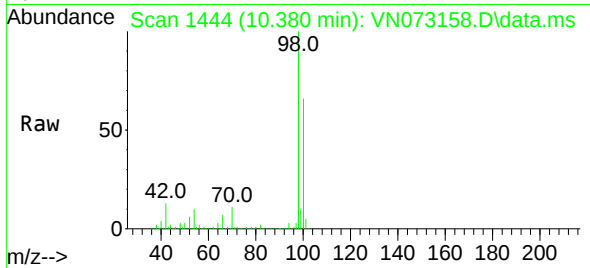




#50
Toluene-d8
Concen: 45.871 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

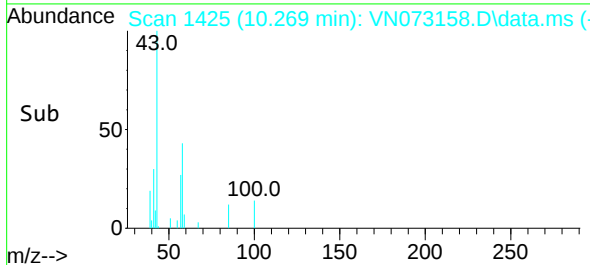
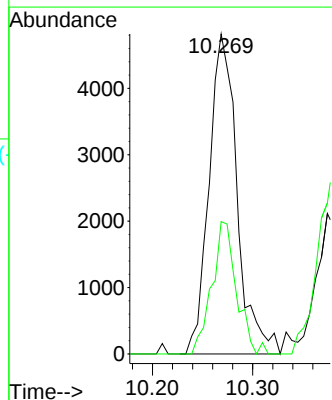
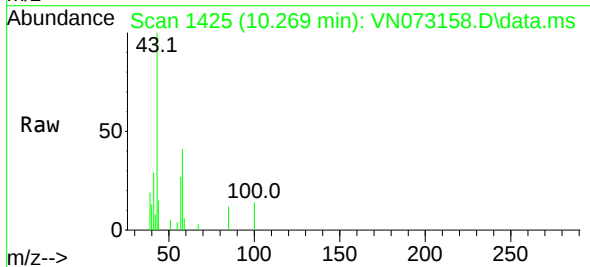
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

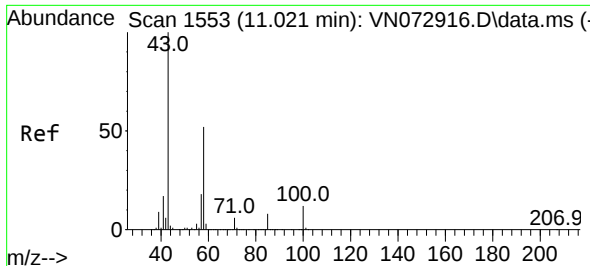
Tgt Ion: 98 Resp: 519199
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.526 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

Tgt Ion: 43 Resp: 9364
Ion Ratio Lower Upper
43 100
58 36.2 34.1 51.1

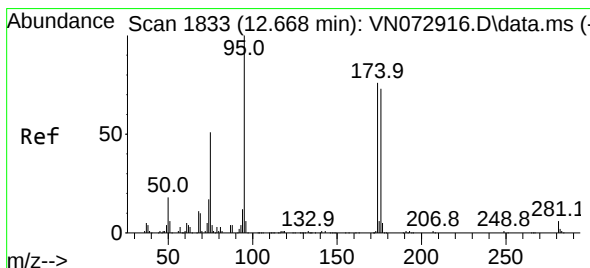
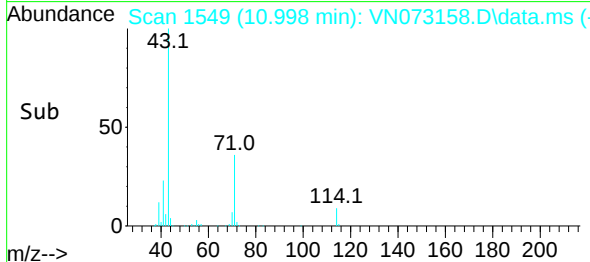
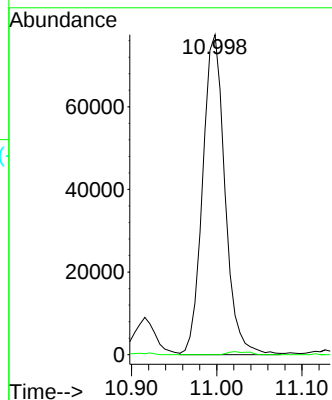
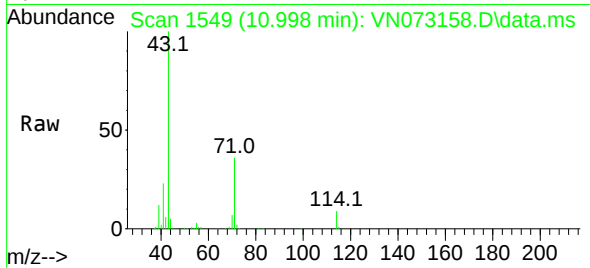




#59
2-Hexanone
Concen: 29.718 ug/l
RT: 10.998 min Scan# 1549
Delta R.T. -0.024 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

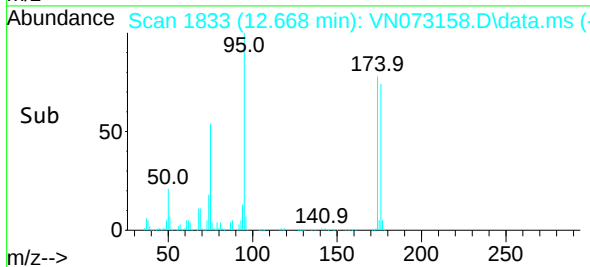
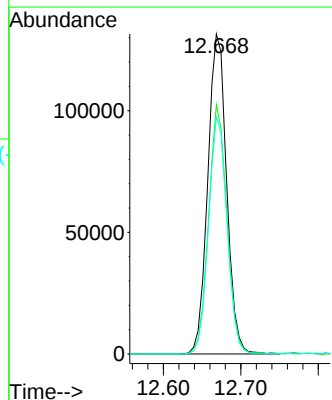
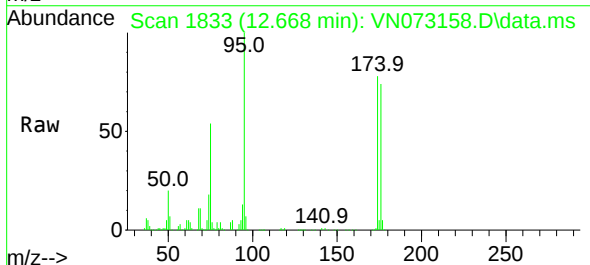
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

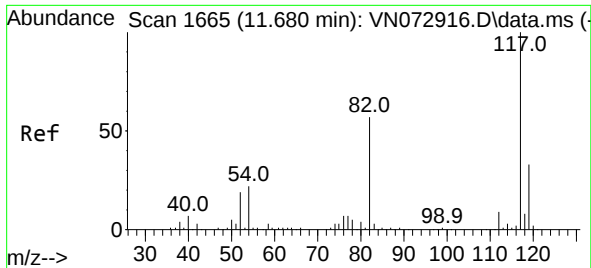
Tgt Ion: 43 Resp: 141058
Ion Ratio Lower Upper
43 100
58 0.0 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 54.582 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

Tgt Ion: 95 Resp: 222154
Ion Ratio Lower Upper
95 100
174 75.8 0.0 167.6
176 72.4 0.0 163.4

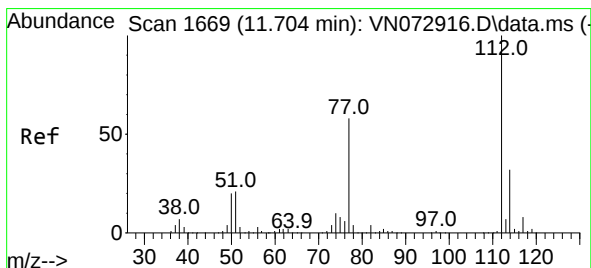
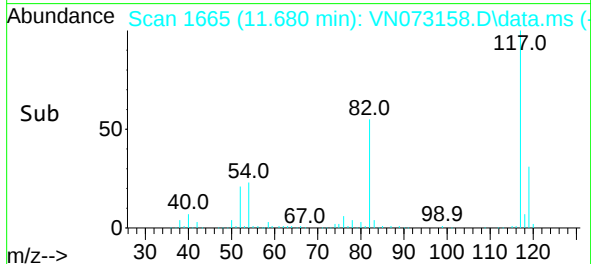
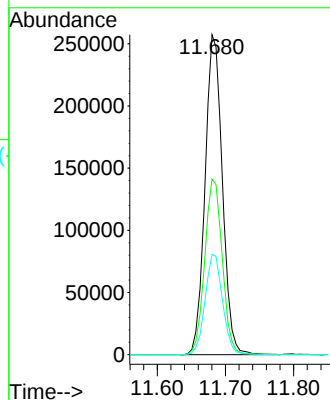
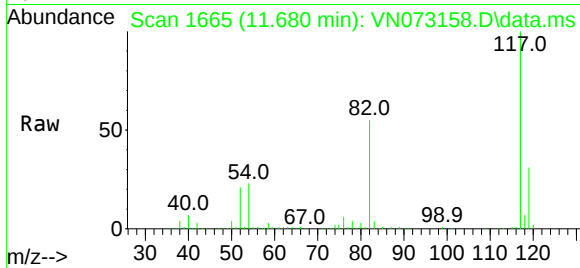




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

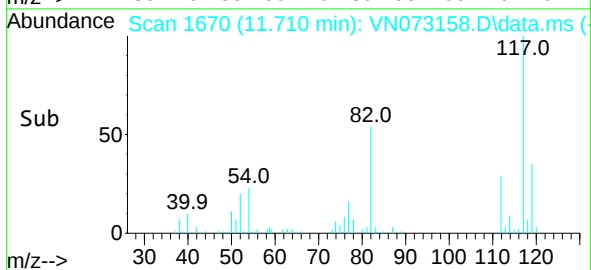
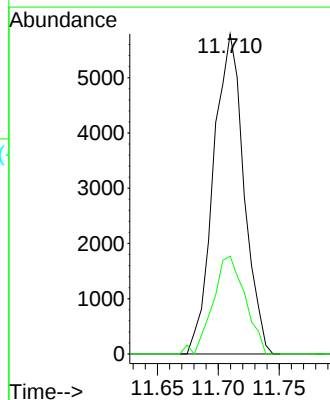
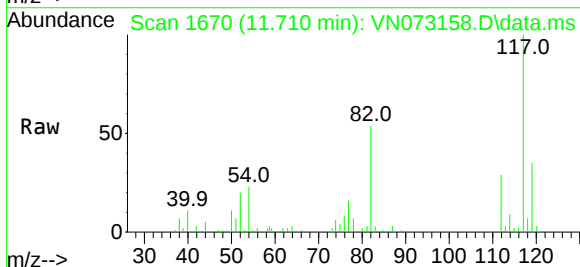
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

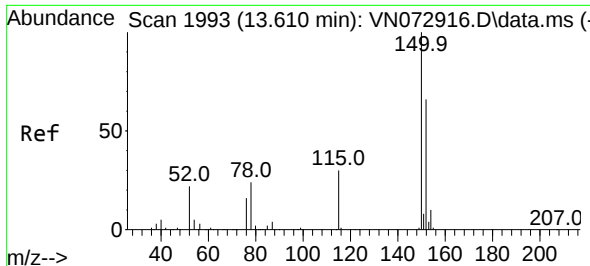
Tgt Ion:117 Resp: 454803
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 31.4 25.4 38.0



#65
Chlorobenzene
Concen: 1.135 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

Tgt Ion:112 Resp: 10078
Ion Ratio Lower Upper
112 100
114 30.5 25.4 38.2

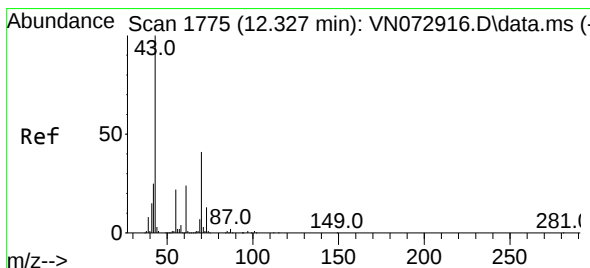
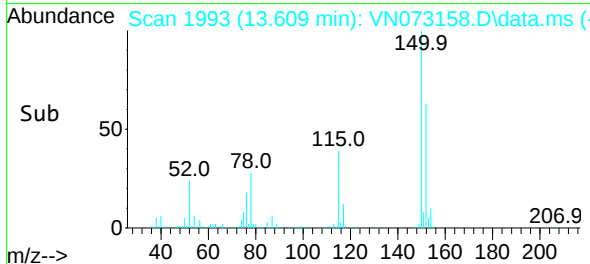
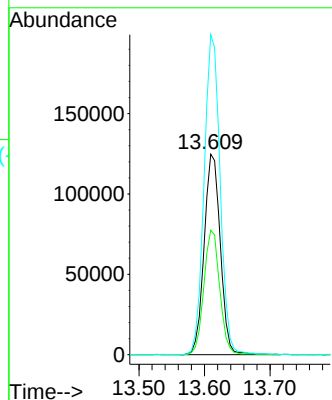
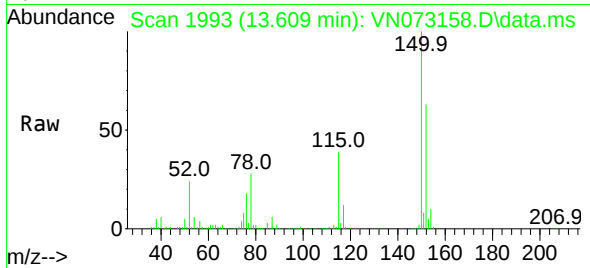




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.609 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

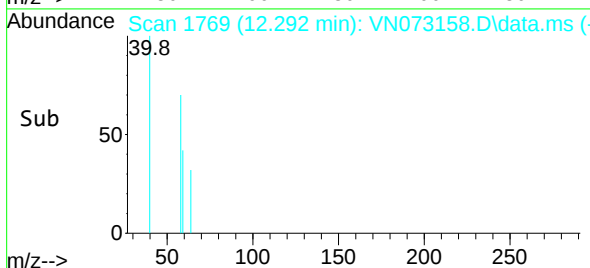
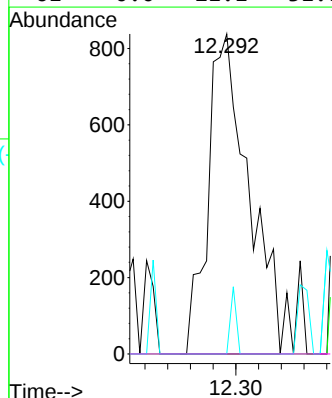
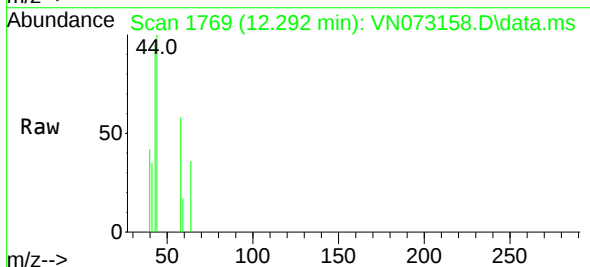
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

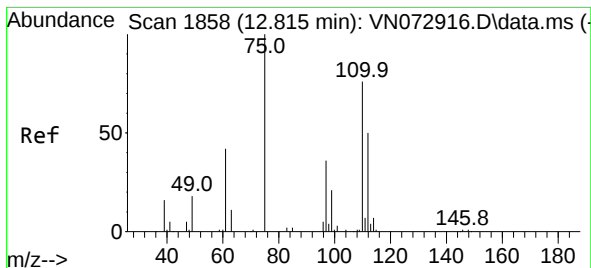
Tgt Ion:152 Resp: 214716
Ion Ratio Lower Upper
152 100
115 61.0 28.9 86.7
150 158.2 0.0 356.2



#74
N-ethyl acetate
Concen: 0.241 ug/l
RT: 12.292 min Scan# 1769
Delta R.T. -0.035 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

Tgt Ion: 43 Resp: 2076
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 3.0 21.1 31.7#
61 0.0 21.1 31.7#

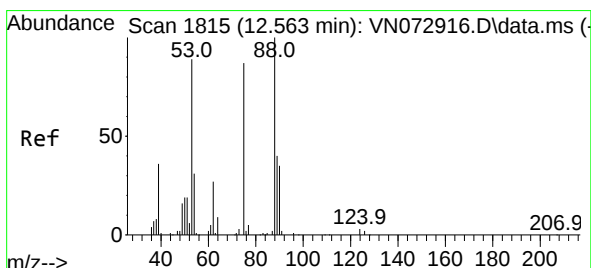
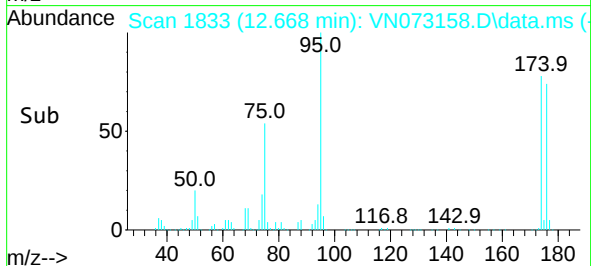
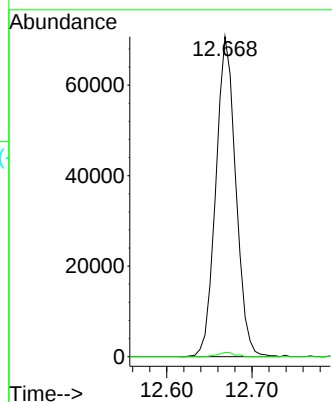
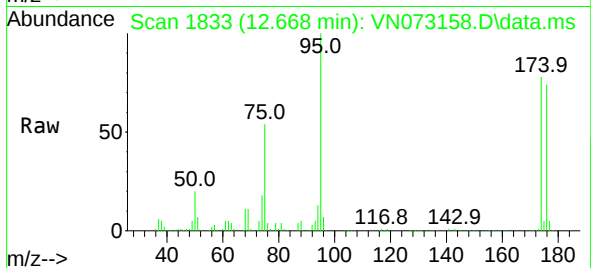




#76
1,2,3-Trichloropropane
Concen: 22.109 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

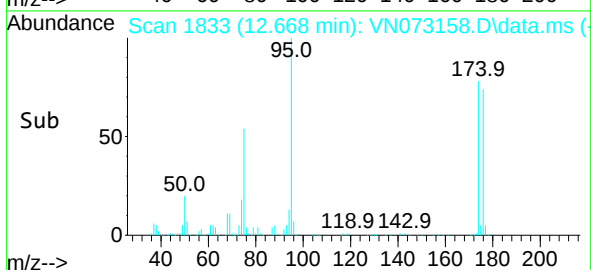
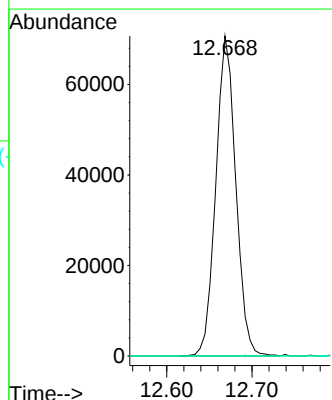
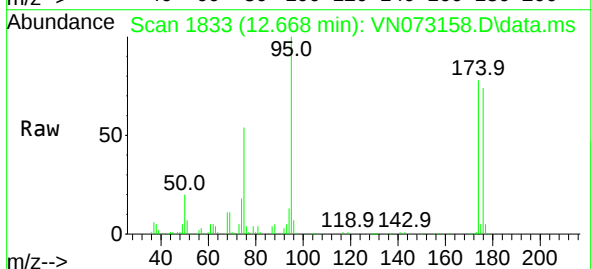
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

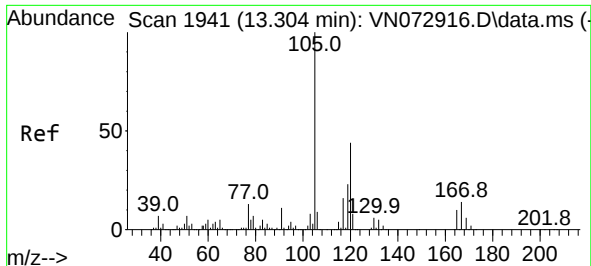
Tgt Ion: 75 Resp: 115094
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.708 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

Tgt Ion: 75 Resp: 115094
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

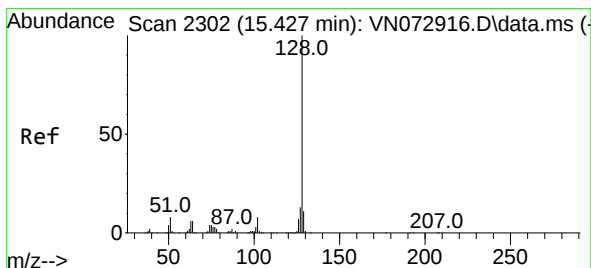
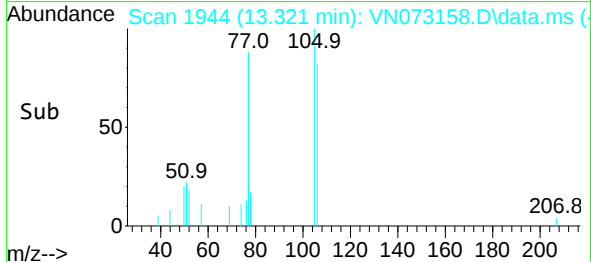
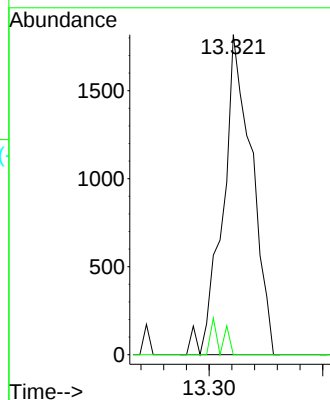
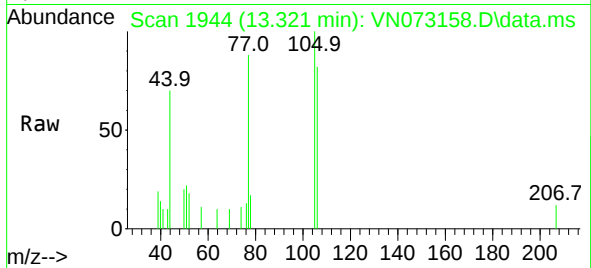




#84
1,2,4-Trimethylbenzene
Concen: 0.237 ug/l
RT: 13.321 min Scan# 1944
Delta R.T. 0.018 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-4

Tgt Ion:105 Resp: 3219
Ion Ratio Lower Upper
105 100
120 4.1 23.3 69.8#



#95
Naphthalene
Concen: 0.201 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073158.D
Acq: 27 Jun 2022 13:36

Tgt Ion:128 Resp: 3340
Ion Ratio Lower Upper
128 100
127 12.1 10.3 15.5
129 12.2 8.6 13.0

