

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073157.D
 Acq On : 27 Jun 2022 13:11
 Operator : JC\MD
 Sample : N3494-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-3-GR

Quant Time: Jun 28 06:36:54 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)

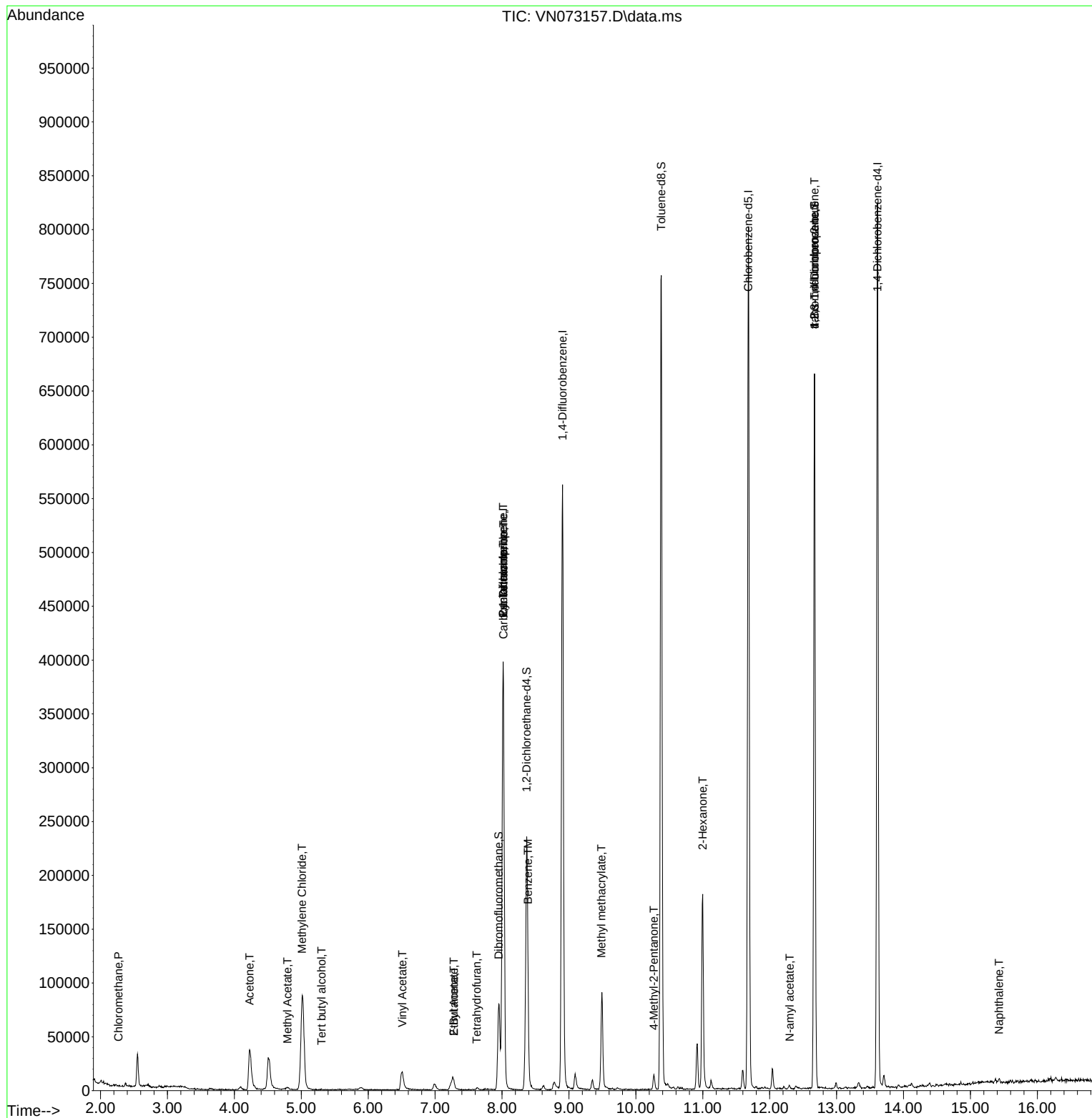
Internal Standards						
1) Pentafluorobenzene	8.016	168	304975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	497171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	458688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	221713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	186534	45.240	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.480%
35) Dibromofluoromethane	7.951	113	60514	19.692	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	39.380%#
50) Toluene-d8	10.381	98	522908	45.730	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.460%
62) 4-Bromofluorobenzene	12.669	95	225541	54.853	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.700%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	592	0.757	ug/l #	43
11) Tert butyl alcohol	5.304	59	373	0.350	ug/l #	72
16) Acetone	4.228	43	72981	32.200	ug/l	91
18) Methyl Acetate	4.793	43	4530	0.751	ug/l #	69
20) Methylene Chloride	5.010	84	73350	20.723	ug/l	96
23) Vinyl Acetate	6.510	43	3600	0.335	ug/l #	68
25) 2-Butanone	7.281	43	16913	4.703	ug/l #	87
26) 2,2-Dichloropropane	7.228	77	174	Below Cal	#	53
29) Tetrahydrofuran	7.622	42	1306	0.550	ug/l #	70
31) Cyclohexane	8.016	56	7208	1.292	ug/l #	12
36) 1,1-Dichloropropene	8.016	75	25240	6.070	ug/l #	49
37) Ethyl Acetate	7.281	43	16913	2.543	ug/l #	67
38) Carbon Tetrachloride	8.022	117	31779	7.266	ug/l #	18
40) Benzene	8.387	78	3422	0.262	ug/l	93
48) Methyl methacrylate	9.486	41	8101	1.866	ug/l #	39
51) 4-Methyl-2-Pentanone	10.269	43	9899	1.597	ug/l	89
59) 2-Hexanone	10.998	43	152637	31.832	ug/l #	21
74) N-amyl acetate	12.298	43	2429	0.273	ug/l #	42
76) 1,2,3-Trichloropropane	12.669	75	122198	22.733	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	122198	61.393	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.492	75	64	Below Cal	#	1
95) Naphthalene	15.427	128	3849	0.225	ug/l #	91

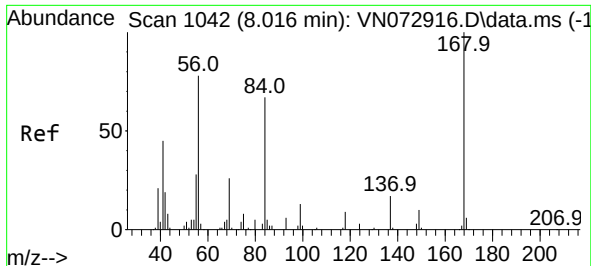
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
Data File : VN073157.D
Acq On : 27 Jun 2022 13:11
Operator : JC\MD
Sample : N3494-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-3-GR

Quant Time: Jun 28 06:36:54 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

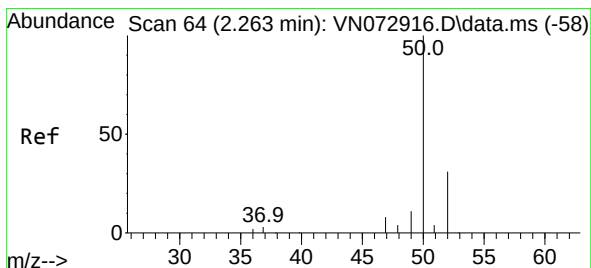
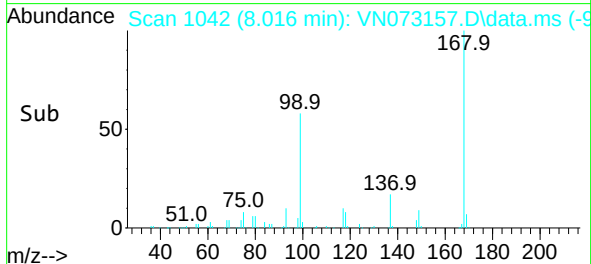
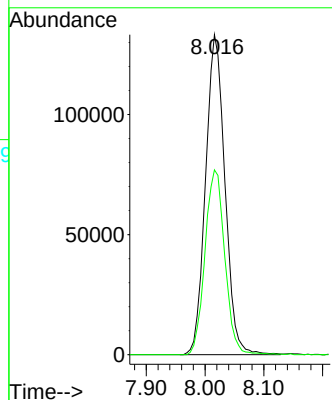
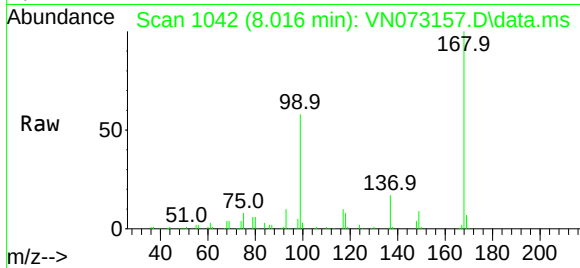




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

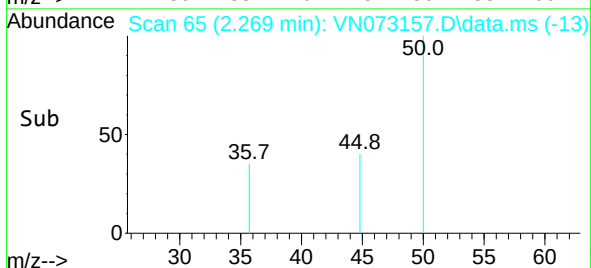
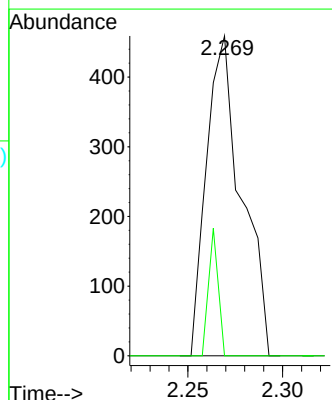
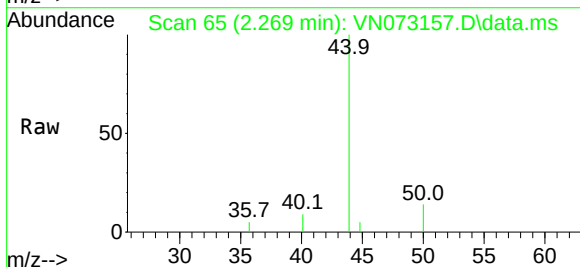
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-3-GR

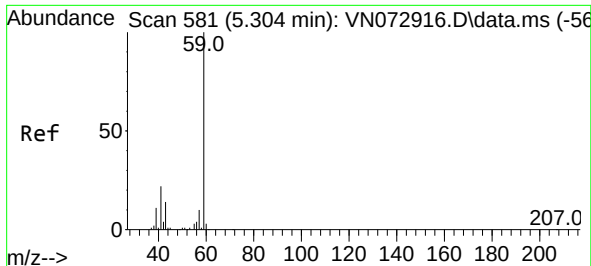
Tgt Ion:168 Resp: 304975
Ion Ratio Lower Upper
168 100
99 57.8 42.3 63.5



#3
Chloromethane
Concen: 0.757 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

Tgt Ion: 50 Resp: 592
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

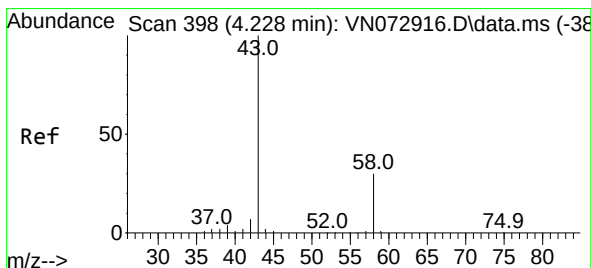
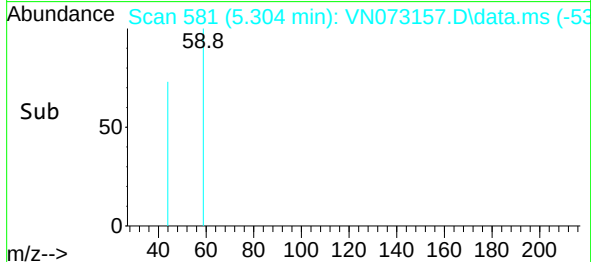
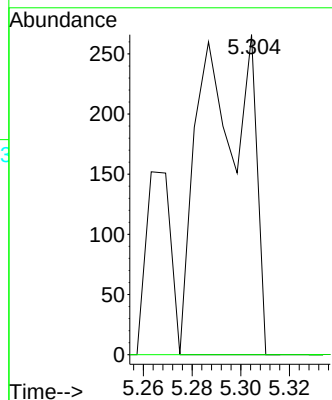
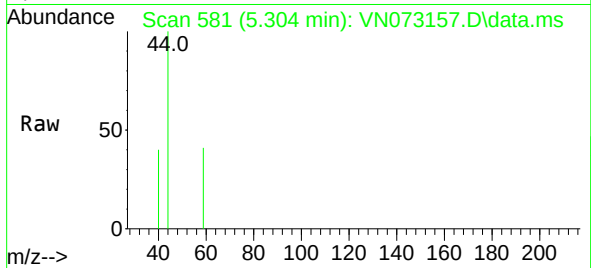




#11
Tert butyl alcohol
Concen: 0.350 ug/l
RT: 5.304 min Scan# 581
Delta R.T. 0.000 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

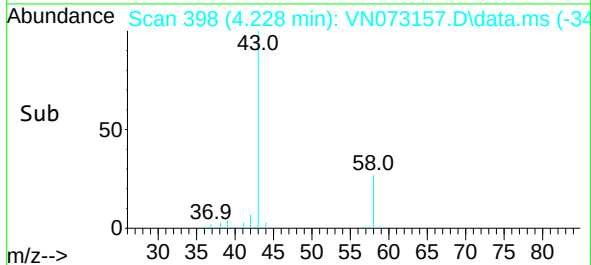
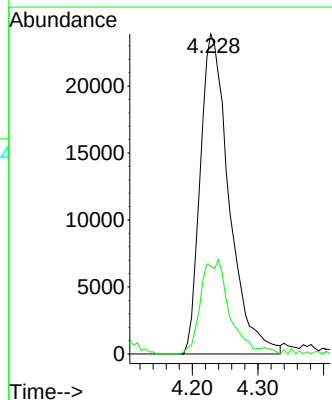
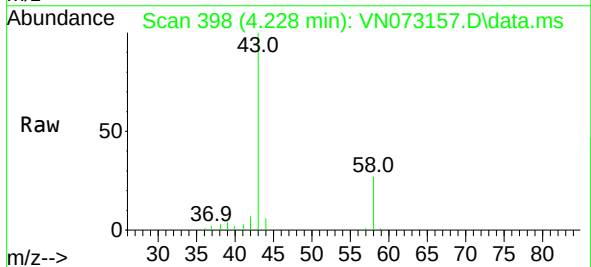
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-3-GR

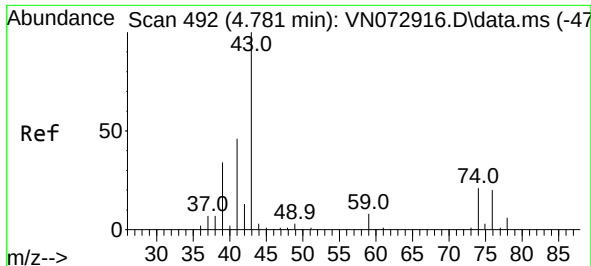
Tgt Ion: 59 Resp: 373
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 32.200 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

Tgt Ion: 43 Resp: 72981
Ion Ratio Lower Upper
43 100
58 27.4 26.0 39.0

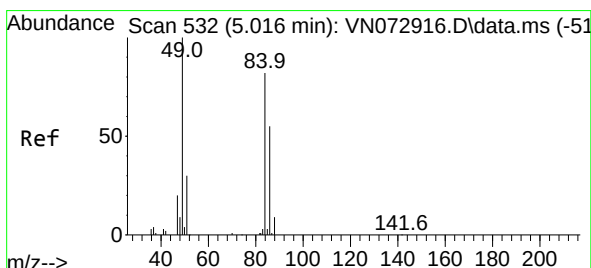
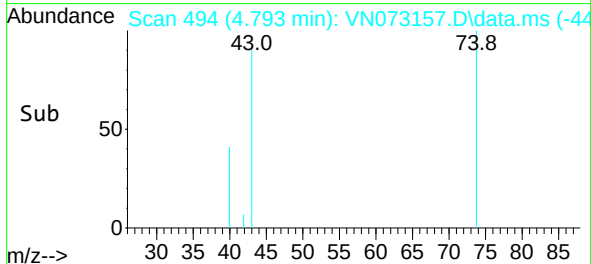
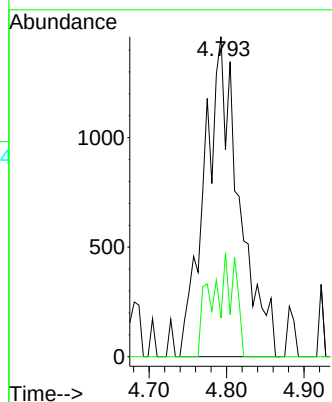
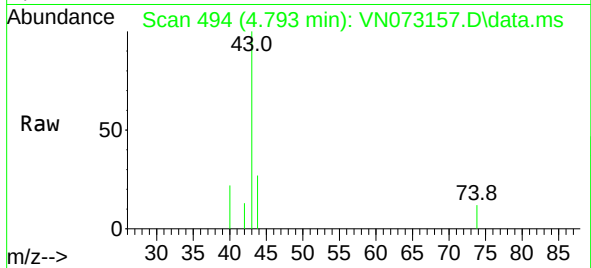




#18
Methyl Acetate
Concen: 0.751 ug/l
RT: 4.793 min Scan# 492
Delta R.T. 0.012 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

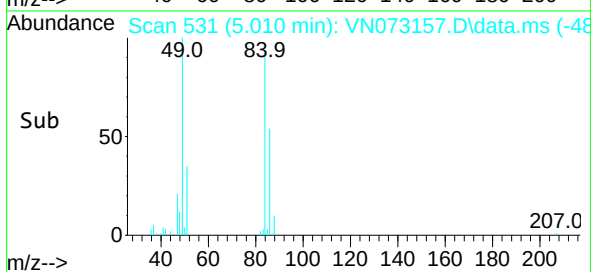
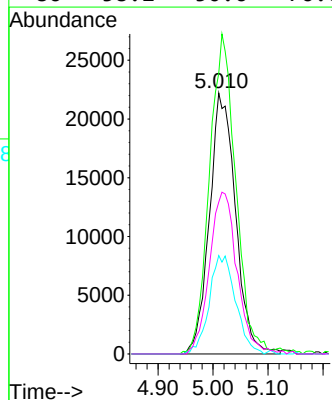
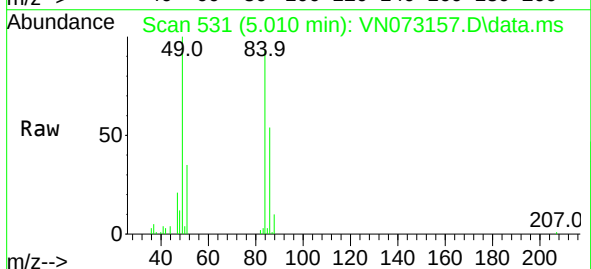
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-3-GR

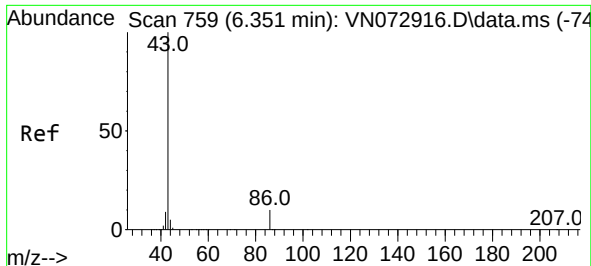
Tgt Ion: 43 Resp: 4530
Ion Ratio Lower Upper
43 100
74 10.7 21.6 32.4#



#20
Methylene Chloride
Concen: 20.723 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

Tgt Ion: 84 Resp: 73350
Ion Ratio Lower Upper
84 100
49 107.6 88.3 132.5
51 37.7 28.2 42.2
86 58.2 50.6 76.0

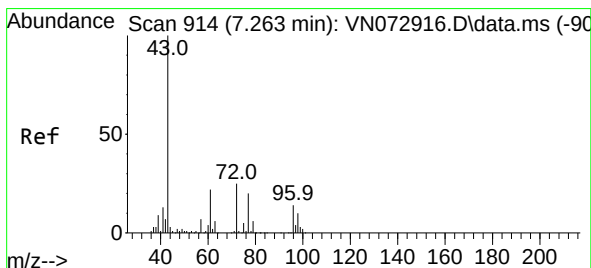
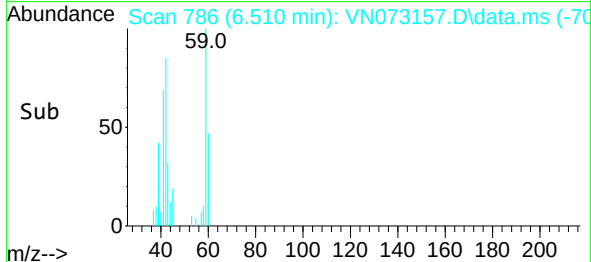
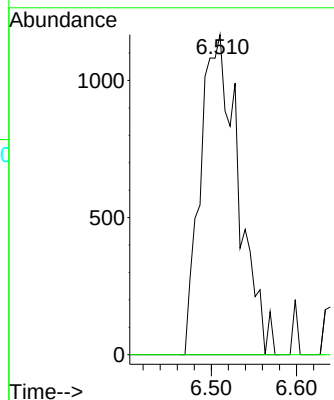
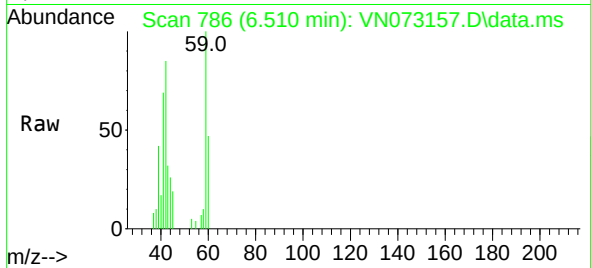




#23
 Vinyl Acetate
 Concen: 0.335 ug/l
 RT: 6.510 min Scan# 71
 Delta R.T. 0.159 min
 Lab File: VN073157.D
 Acq: 27 Jun 2022 13:11

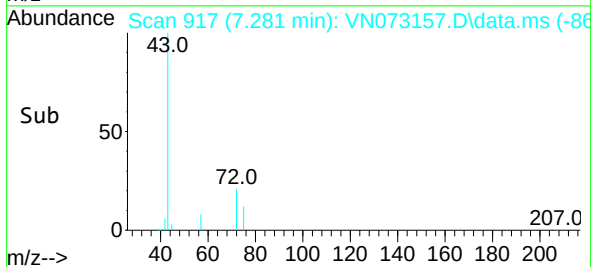
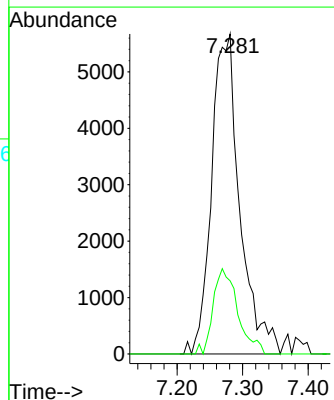
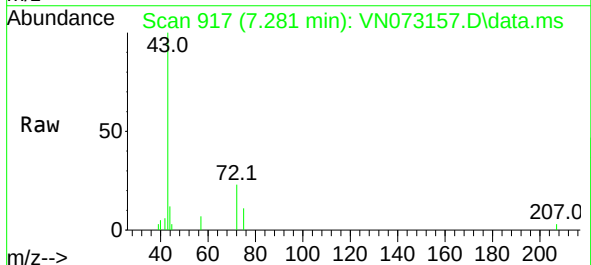
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-3-GR

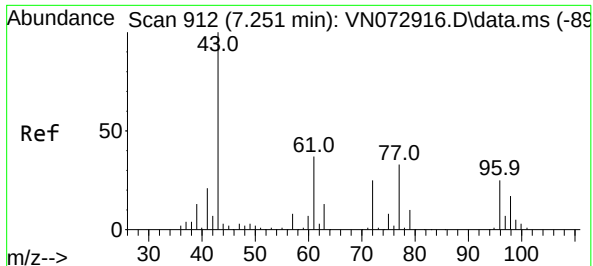
Tgt Ion: 43 Resp: 3600
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#25
 2-Butanone
 Concen: 4.703 ug/l
 RT: 7.281 min Scan# 917
 Delta R.T. 0.018 min
 Lab File: VN073157.D
 Acq: 27 Jun 2022 13:11

Tgt Ion: 43 Resp: 16913
 Ion Ratio Lower Upper
 43 100
 72 22.9 23.7 35.5#

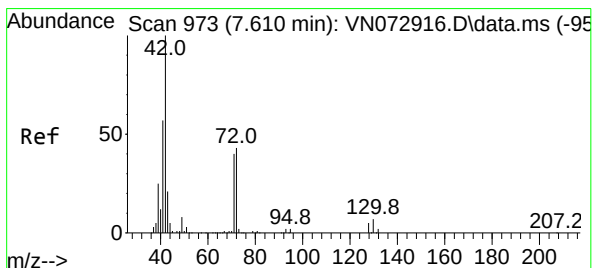
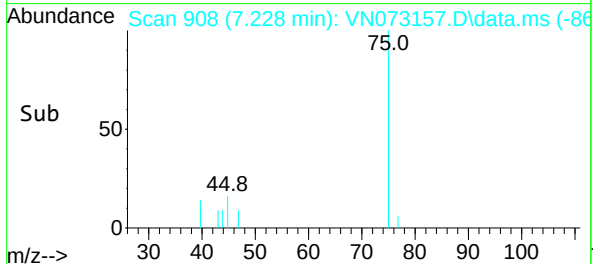
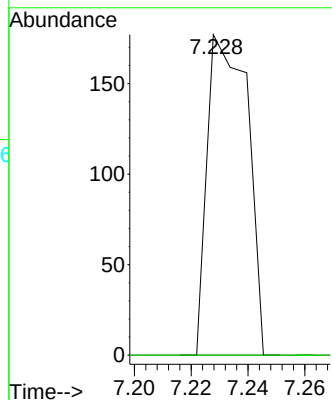
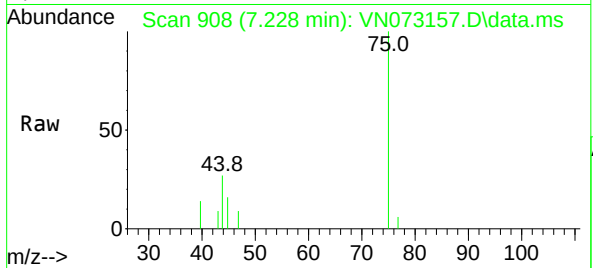




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.228 min Scan# 908
Delta R.T. -0.023 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

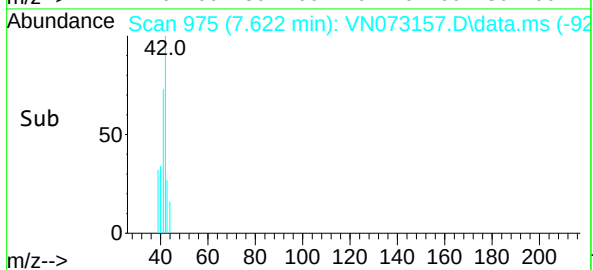
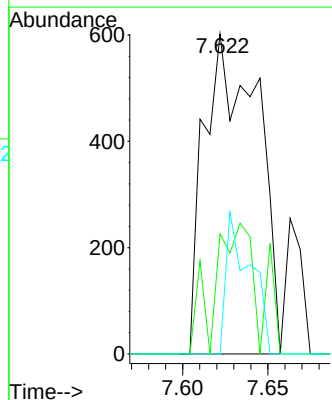
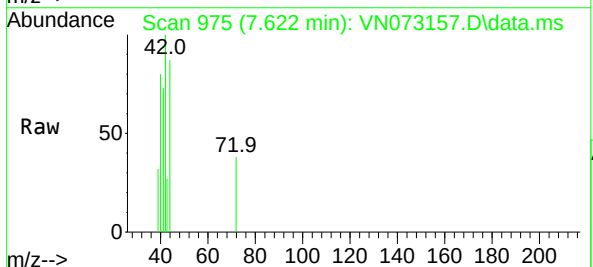
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-3-GR

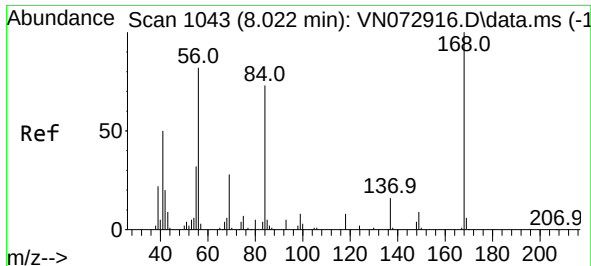
Tgt Ion: 77 Resp: 174
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#29
Tetrahydrofuran
Concen: 0.550 ug/l
RT: 7.622 min Scan# 975
Delta R.T. 0.012 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

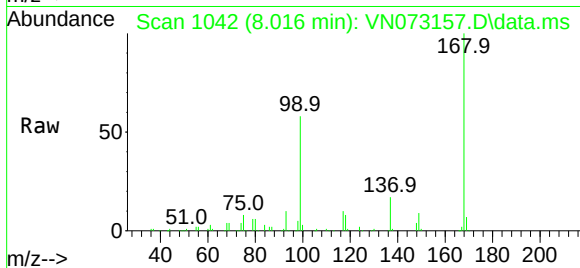
Tgt Ion: 42 Resp: 1306
Ion Ratio Lower Upper
42 100
72 34.2 39.7 59.5#
71 20.1 36.6 55.0#



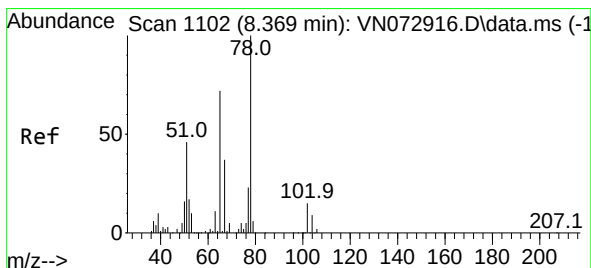
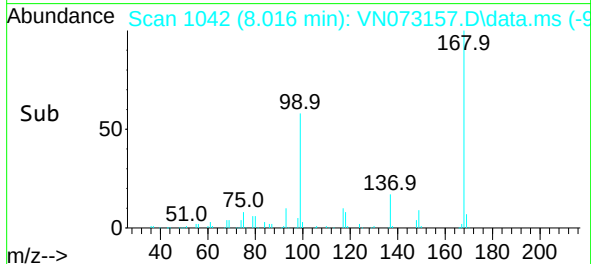
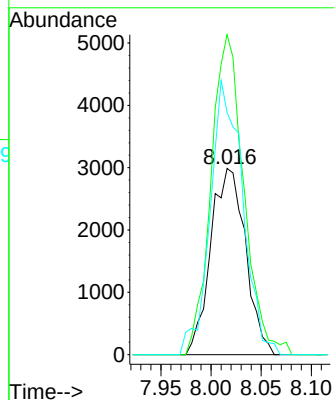


#31
Cyclohexane
Concen: 1.292 ug/l
RT: 8.016 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-3-GR

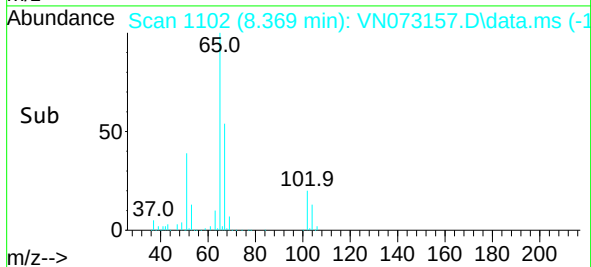
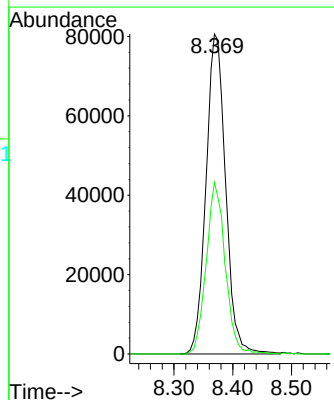
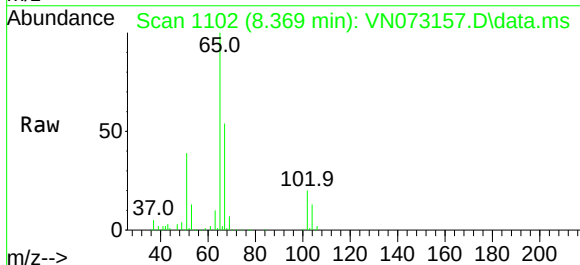


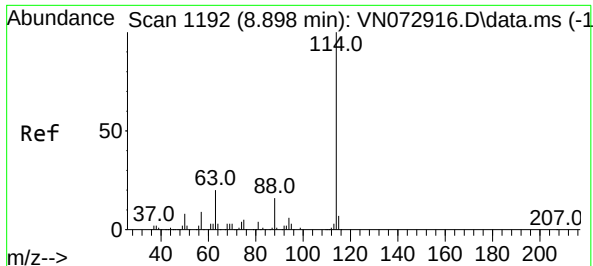
Tgt Ion: 56 Resp: 7208
Ion Ratio Lower Upper
56 100
69 171.9 27.8 41.8#
84 130.1 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 45.240 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

Tgt Ion: 65 Resp: 186534
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN073157.D

Acq: 27 Jun 2022 13:11

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-3-GR

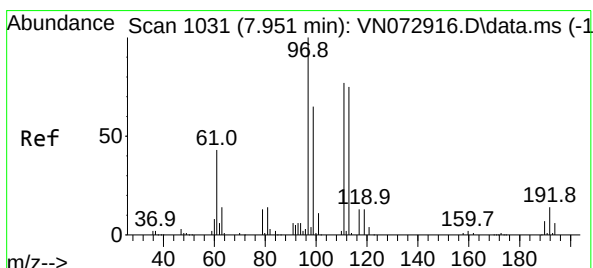
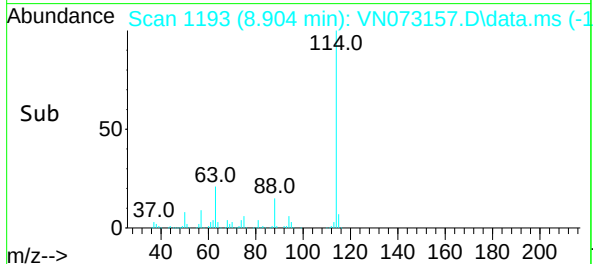
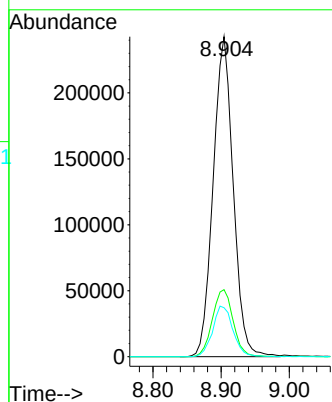
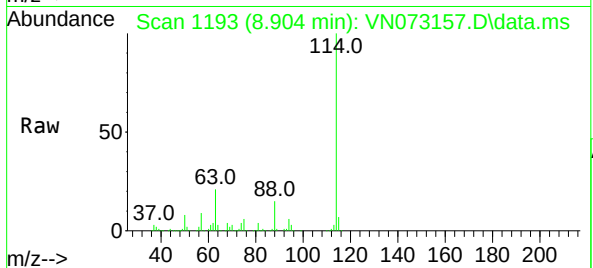
Tgt Ion:114 Resp: 497171

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 19.692 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073157.D

Acq: 27 Jun 2022 13:11

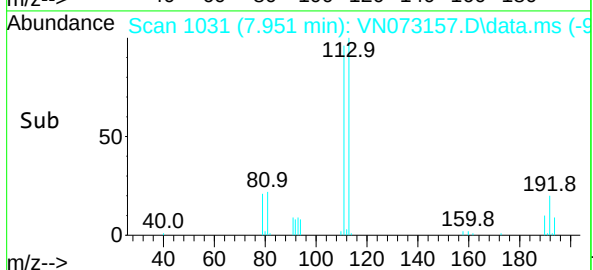
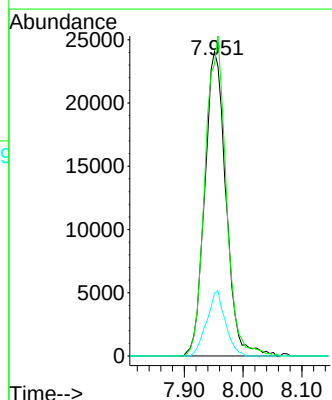
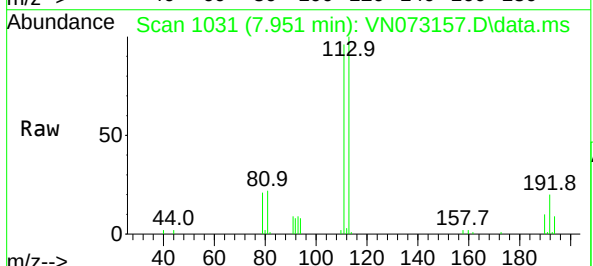
Tgt Ion:113 Resp: 60514

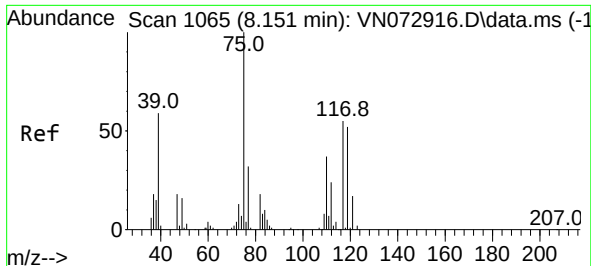
Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 18.7 17.0 25.6

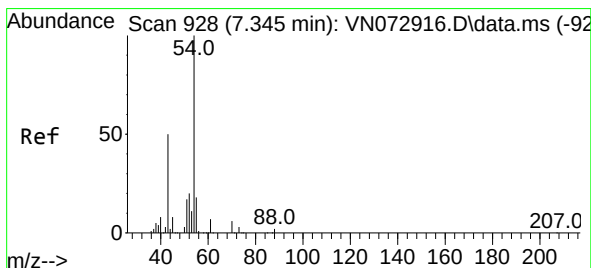
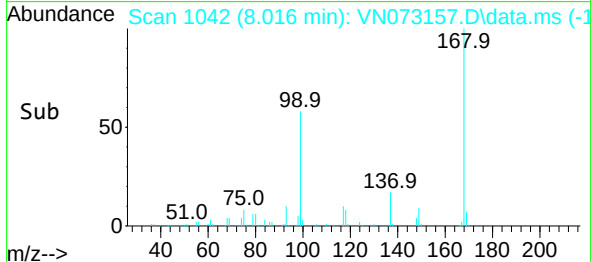
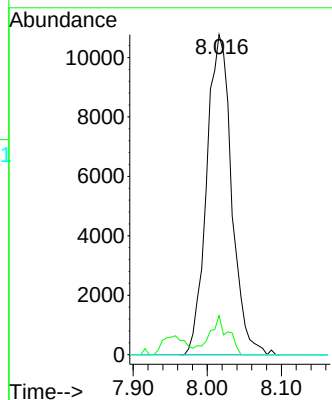
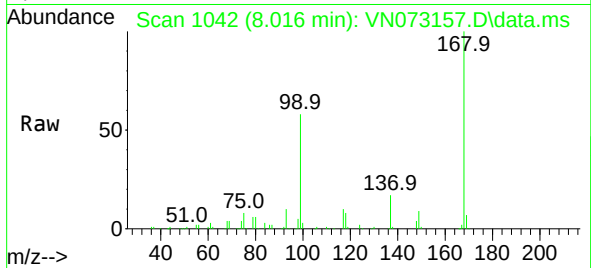




#36
1,1-Dichloropropene
Concen: 6.070 ug/l
RT: 8.016 min Scan# 1065
Delta R.T. -0.135 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

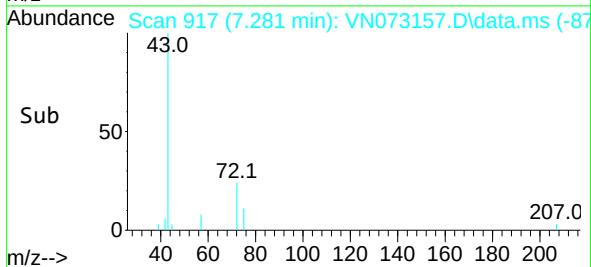
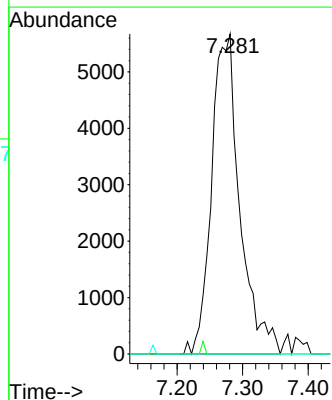
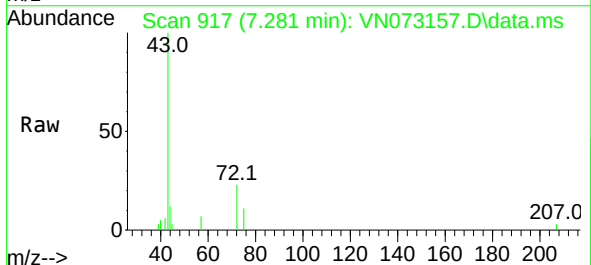
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-3-GR

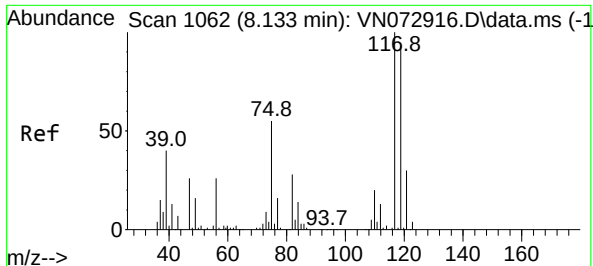
Tgt Ion: 75 Resp: 25240
Ion Ratio Lower Upper
75 100
110 9.0 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 2.543 ug/l
RT: 7.281 min Scan# 917
Delta R.T. -0.065 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

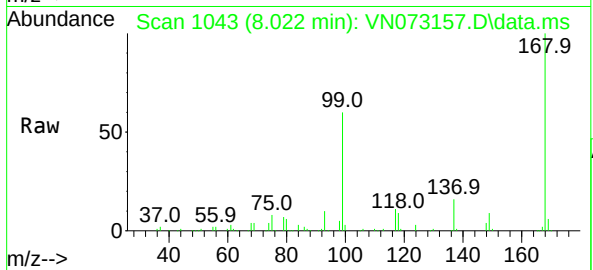
Tgt Ion: 43 Resp: 16913
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



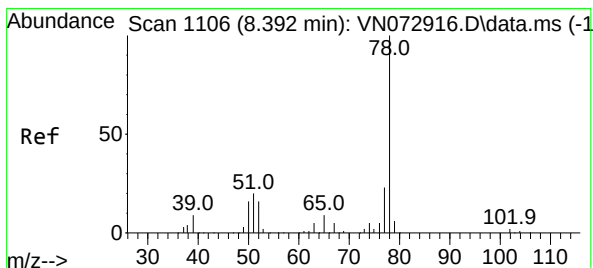
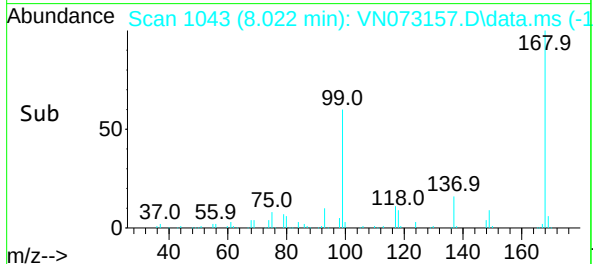
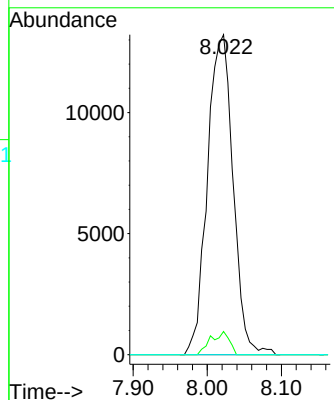


#38
Carbon Tetrachloride
Concen: 7.266 ug/l
RT: 8.022 min Scan# 1105
Delta R.T. -0.112 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-3-GR

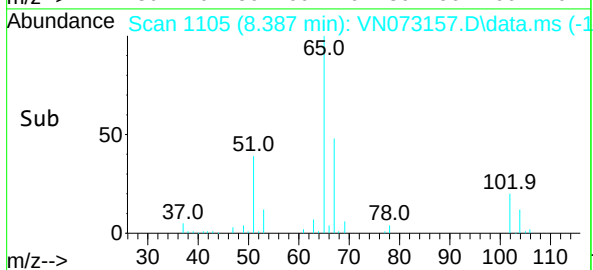
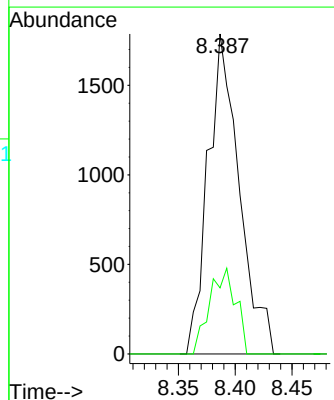
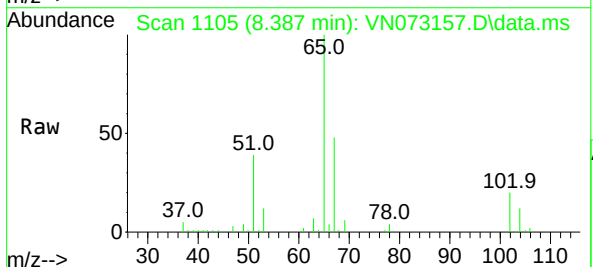


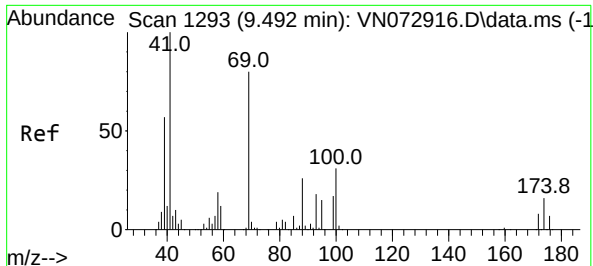
Tgt Ion:117 Resp: 31779
Ion Ratio Lower Upper
117 100
119 7.2 75.8 113.8#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 0.262 ug/l
RT: 8.387 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

Tgt Ion: 78 Resp: 3422
Ion Ratio Lower Upper
78 100
77 20.6 19.4 29.0

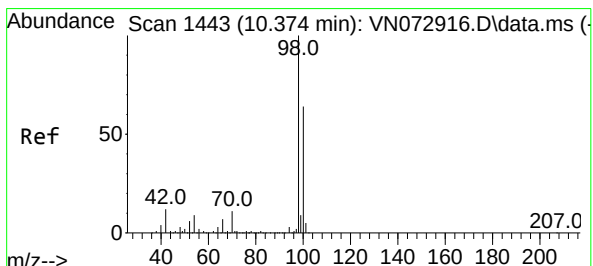
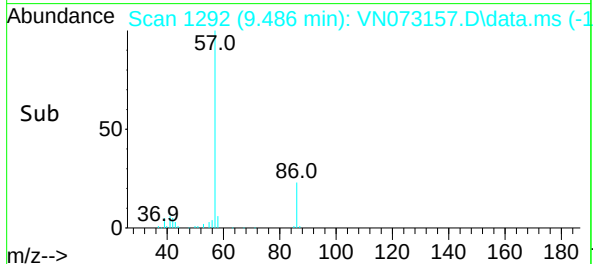
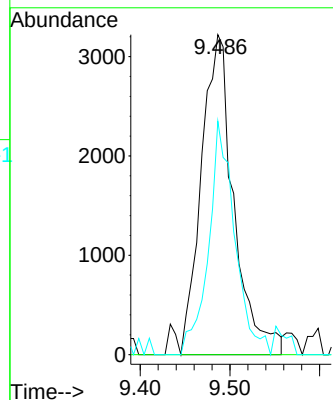
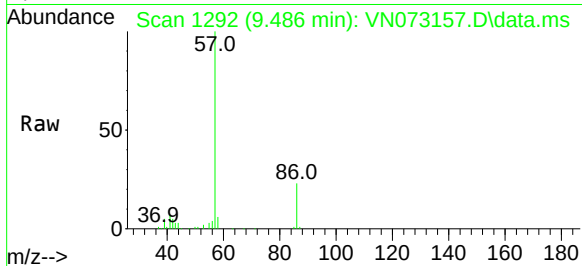




#48
Methyl methacrylate
Concen: 1.866 ug/l
RT: 9.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

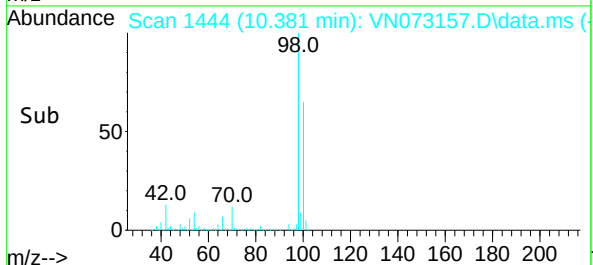
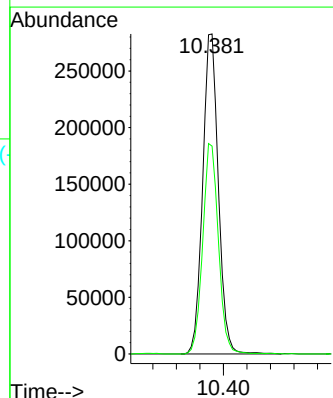
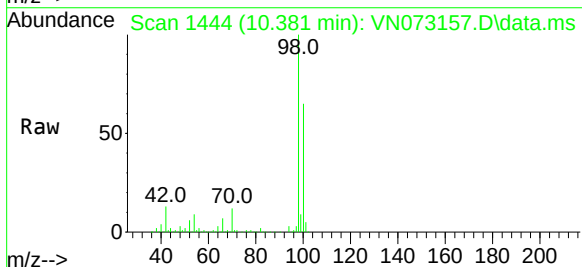
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-3-GR

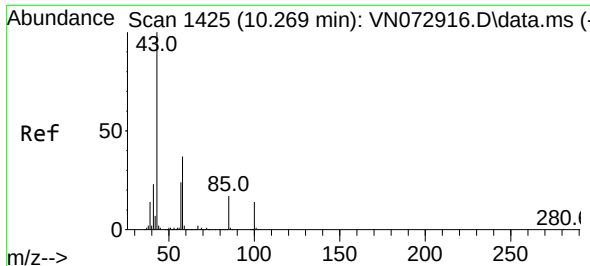
Tgt Ion: 41 Resp: 8101
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 58.9 45.6 68.4



#50
Toluene-d8
Concen: 45.730 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

Tgt Ion: 98 Resp: 522908
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

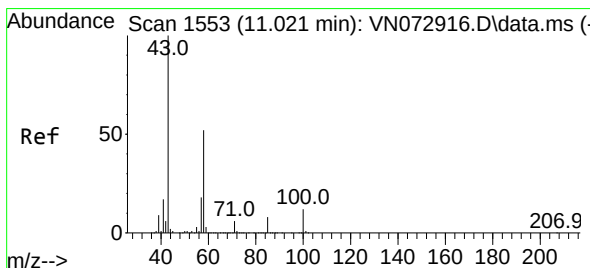
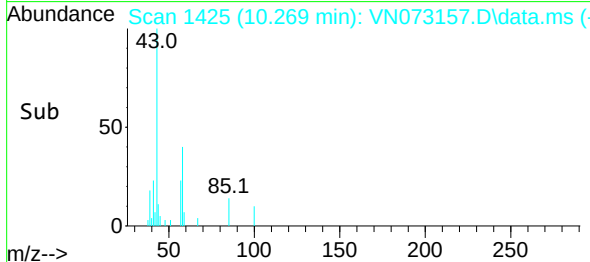
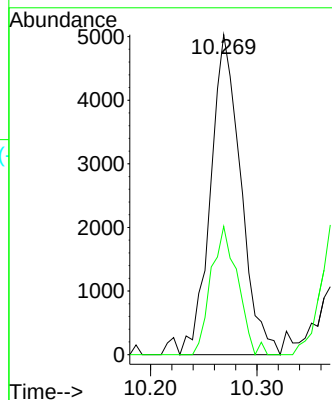
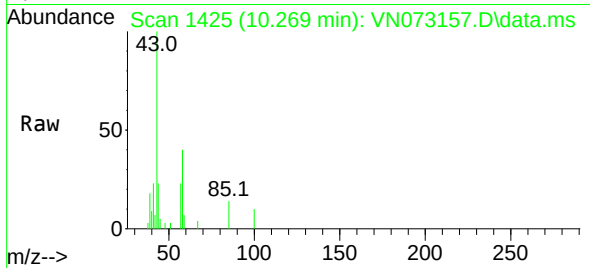




#51
4-Methyl-2-Pentanone
Concen: 1.597 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

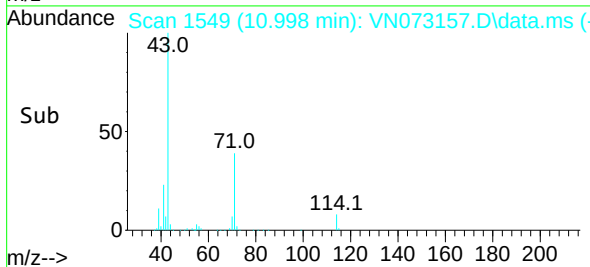
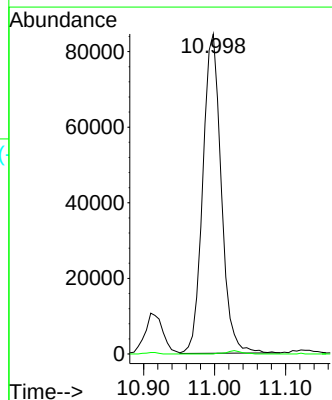
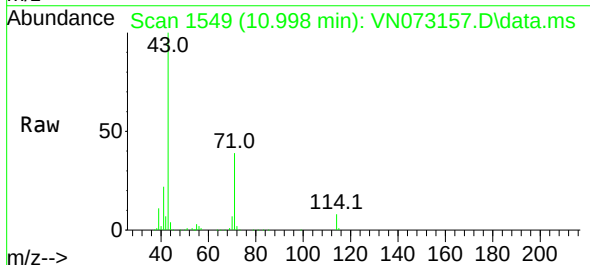
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-3-GR

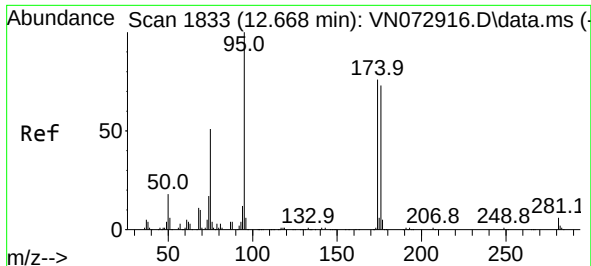
Tgt Ion: 43 Resp: 9899
Ion Ratio Lower Upper
43 100
58 35.4 34.1 51.1



#59
2-Hexanone
Concen: 31.832 ug/l
RT: 10.998 min Scan# 1549
Delta R.T. -0.023 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

Tgt Ion: 43 Resp: 152637
Ion Ratio Lower Upper
43 100
58 0.0 29.7 89.1#

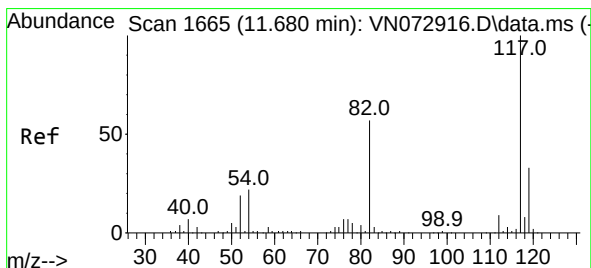
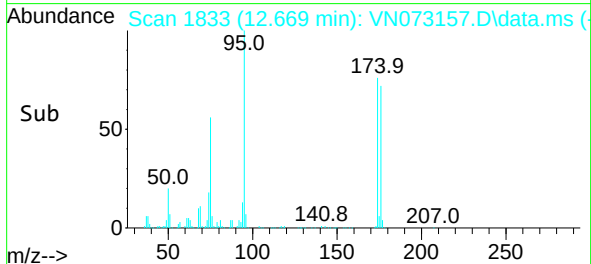
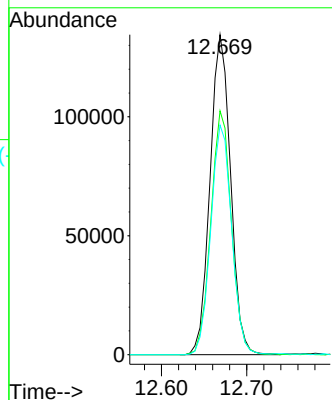
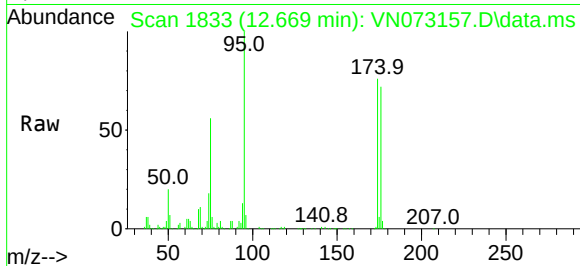




#62
4-Bromofluorobenzene
Concen: 54.853 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

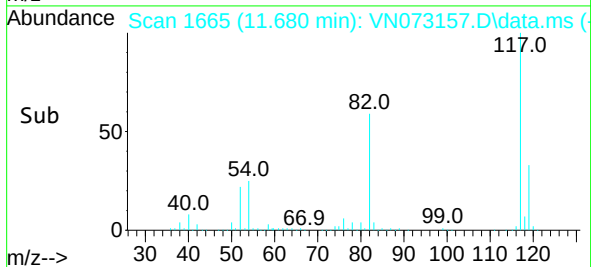
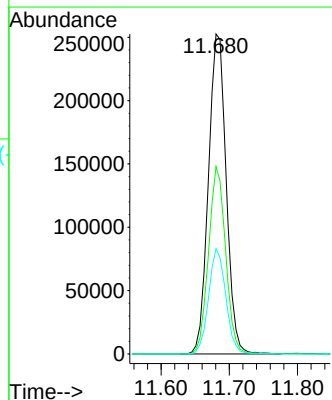
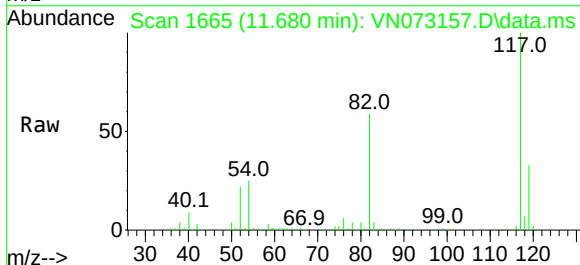
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-3-GR

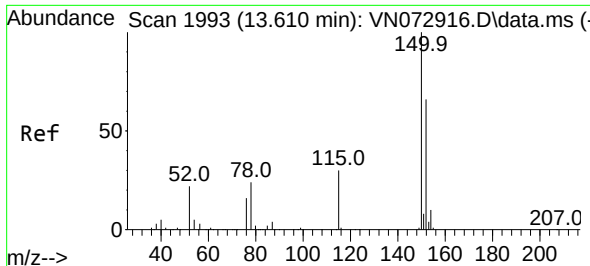
Tgt Ion: 95 Resp: 225541
Ion Ratio Lower Upper
95 100
174 76.4 0.0 167.6
176 72.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

Tgt Ion: 117 Resp: 458688
Ion Ratio Lower Upper
117 100
82 58.6 44.2 66.2
119 32.9 25.4 38.0

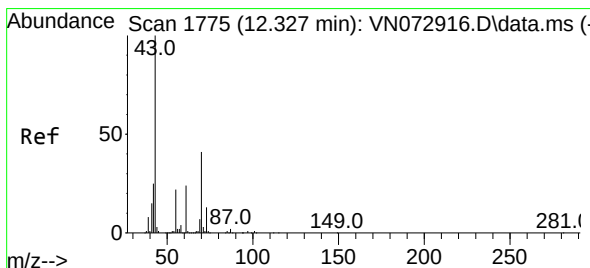
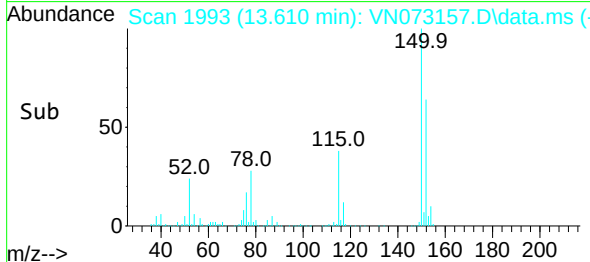
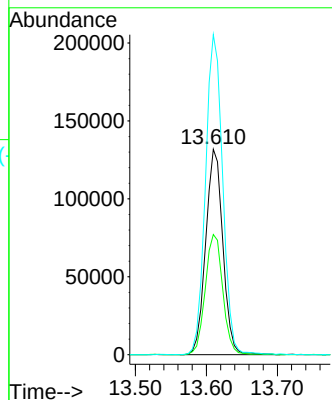
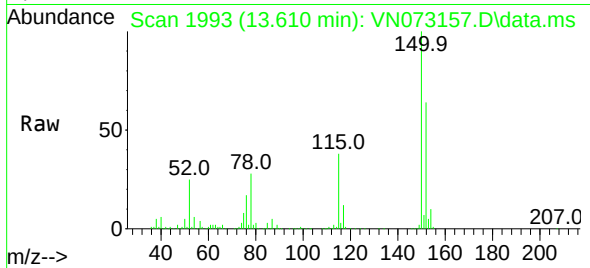




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

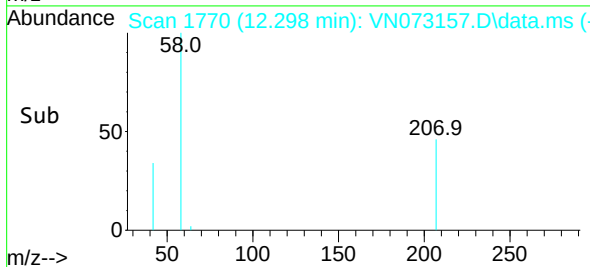
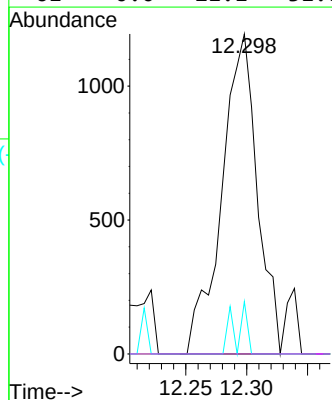
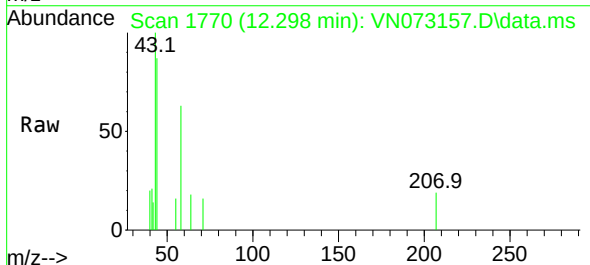
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-3-GR

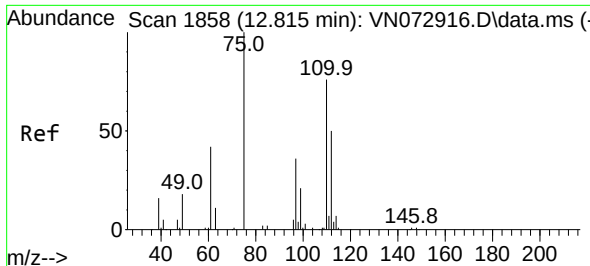
Tgt Ion:152 Resp: 221713
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.7
150 156.0 0.0 356.2



#74
N-ethyl acetate
Concen: 0.273 ug/l
RT: 12.298 min Scan# 1770
Delta R.T. -0.029 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

Tgt Ion: 43 Resp: 2429
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 5.4 21.1 31.7#
61 0.0 21.1 31.7#

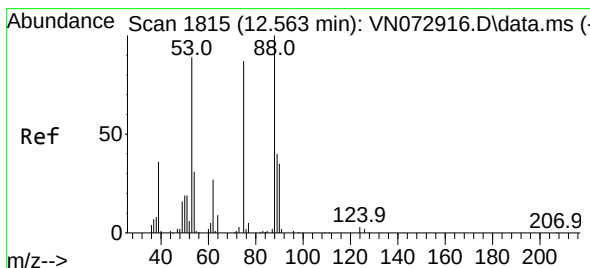
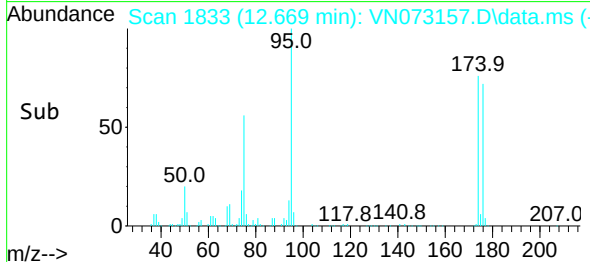
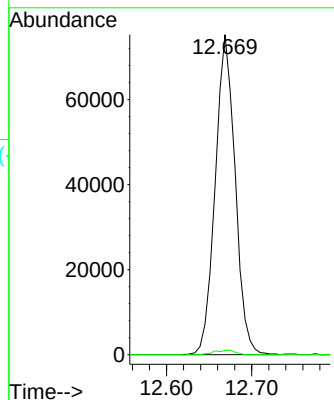
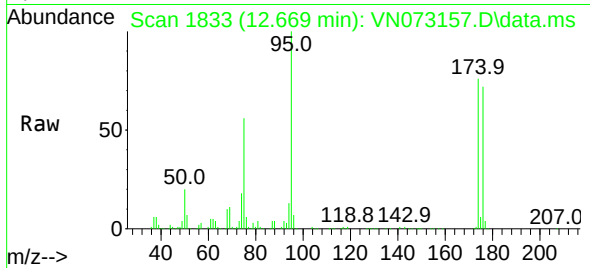




#76
1,2,3-Trichloropropane
Concen: 22.733 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

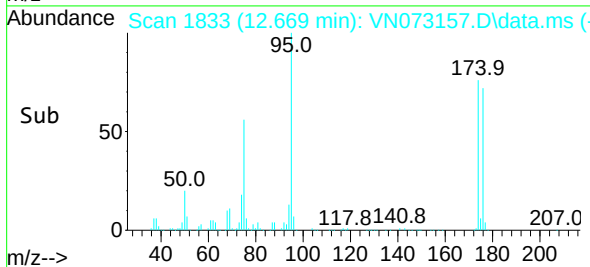
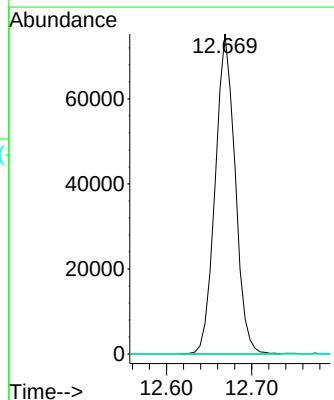
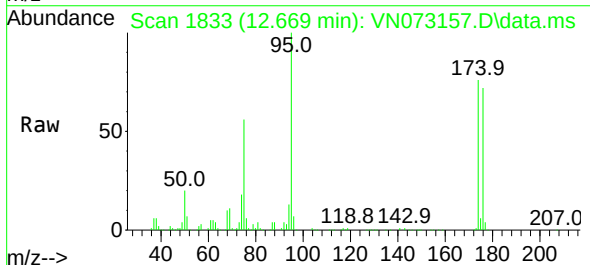
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-3-GR

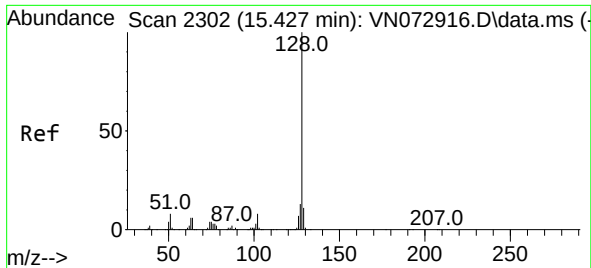
Tgt Ion: 75 Resp: 122198
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.393 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

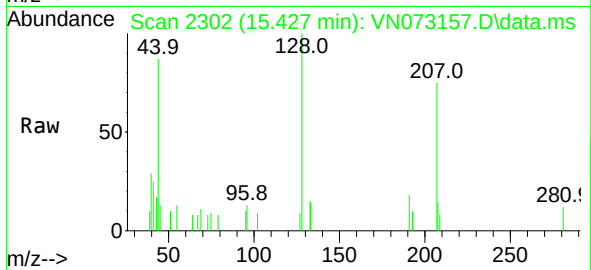
Tgt Ion: 75 Resp: 122198
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 0.225 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073157.D
Acq: 27 Jun 2022 13:11

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-3-GR



Tgt Ion:	128	Resp:	3849
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.3	15.5
129	4.9	8.6	13.0

