

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069205.D
 Acq On : 27 Oct 2021 00:19
 Operator : JC/MD
 Sample : M4337-17
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 27 09:25:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

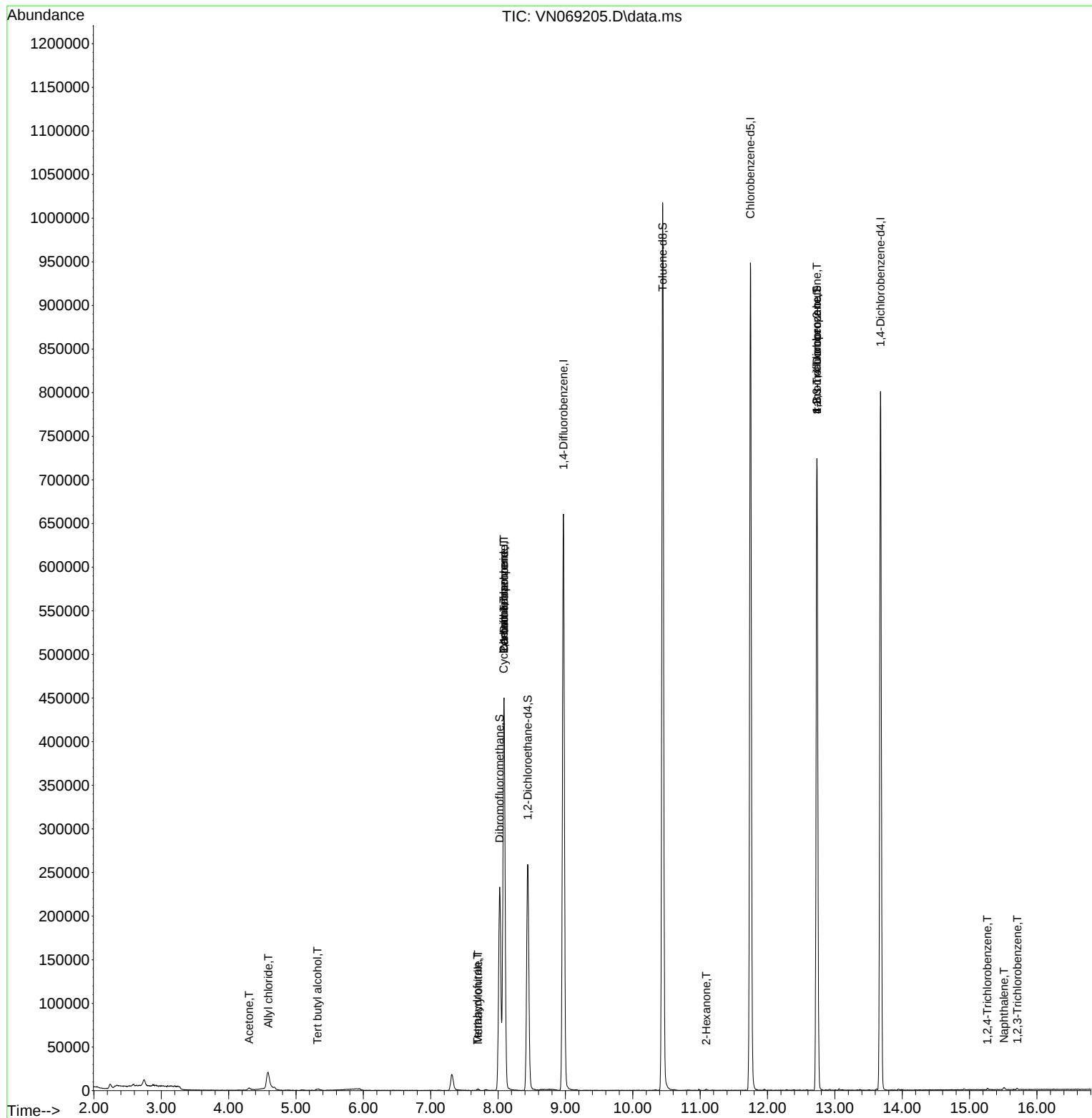
Internal Standards						
1) Pentafluorobenzene	8.088	168	336556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	592063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	562682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	209955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	223483	50.364	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 100.720%		
35) Dibromofluoromethane	8.024	113	171471	49.779	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 99.560%		
50) Toluene-d8	10.443	98	730216	52.981	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 105.960%		
62) 4-Bromofluorobenzene	12.733	95	262332	50.448	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 100.900%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.318	59	181	0.223	ug/l #	72
14) Allyl chloride	4.588	41	1780	0.305	ug/l #	24
16) Acetone	4.301	43	4418	2.668	ug/l	93
29) Tetrahydrofuran	7.694	42	532	0.328	ug/l #	36
31) Cyclohexane	8.083	56	7975	1.156	ug/l #	16
36) 1,1-Dichloropropene	8.088	75	28501	5.636	ug/l #	50
38) Carbon Tetrachloride	8.088	117	35422	6.378	ug/l #	16
41) Methacrylonitrile	7.705	41	527	0.200	ug/l #	33
59) 2-Hexanone	11.089	43	1135	0.296	ug/l	77
76) 1,2,3-Trichloropropane	12.733	75	137374	30.751	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	137374	73.571	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.265	180	575	2.756	ug/l #	73
95) Naphthalene	15.509	128	3597	4.153	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.708	180	758	2.728	ug/l #	89

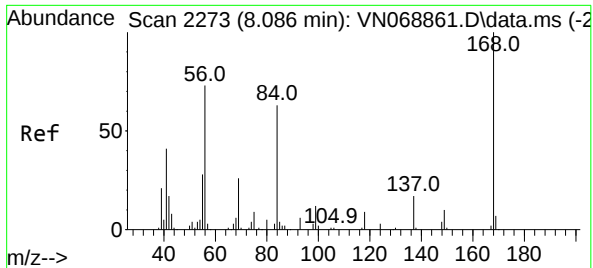
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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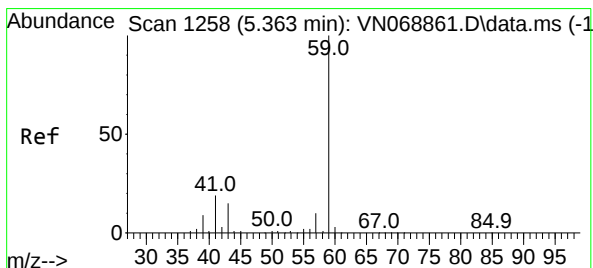
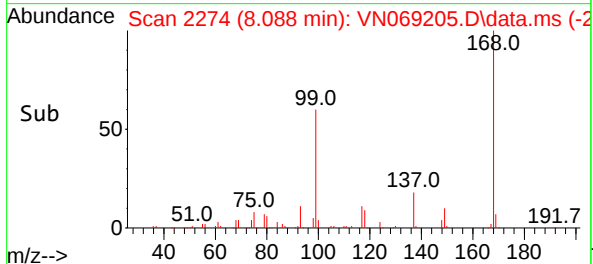
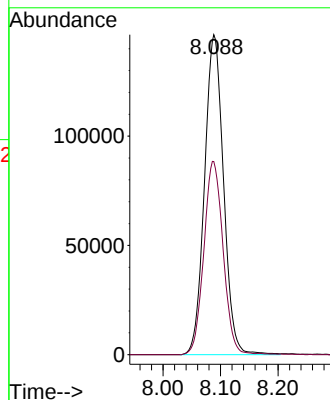
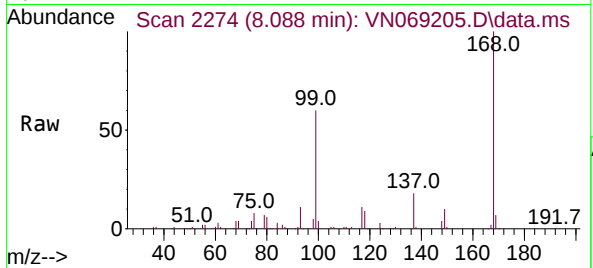




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069205.D
Acq: 27 Oct 2021 00:19

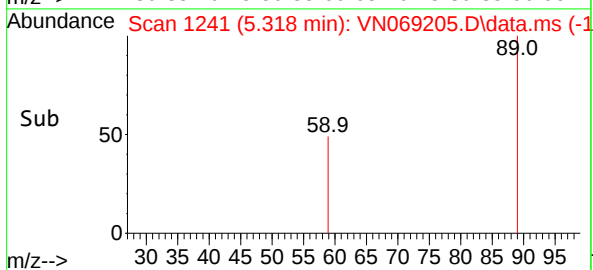
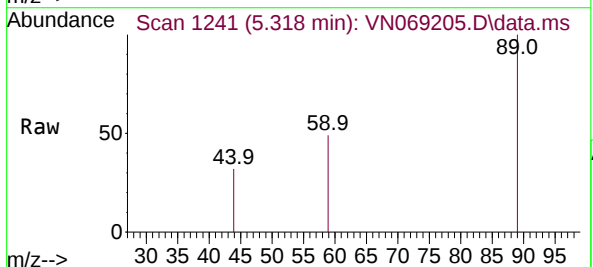
Instrument :
MSVOA_N
ClientSampled :

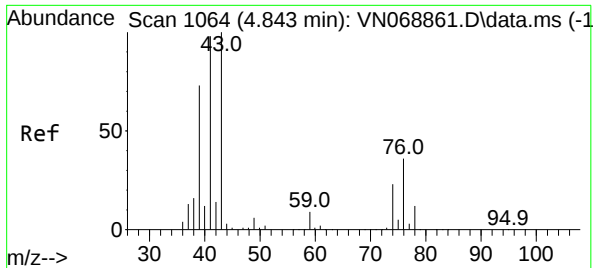
Tgt Ion:168 Resp: 336556
Ion Ratio Lower Upper
168 100
99 60.4 48.9 73.3



#11
Tert butyl alcohol
Concen: 0.223 ug/l
RT: 5.318 min Scan# 1241
Delta R.T. -0.046 min
Lab File: VN069205.D
Acq: 27 Oct 2021 00:19

Tgt Ion: 59 Resp: 181
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.305 ug/l

RT: 4.588 min Scan# 969

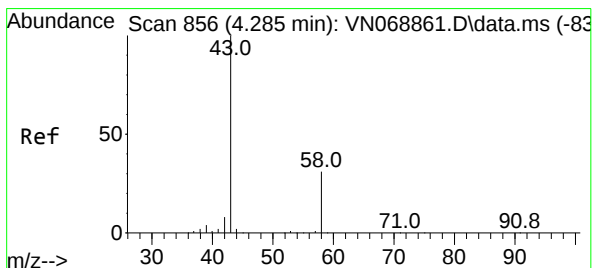
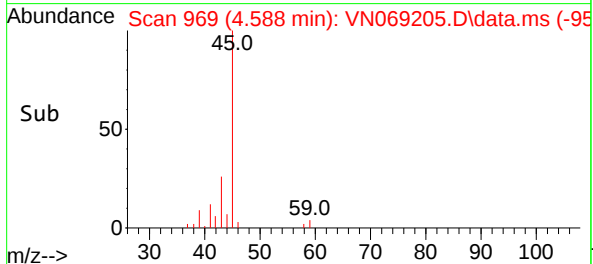
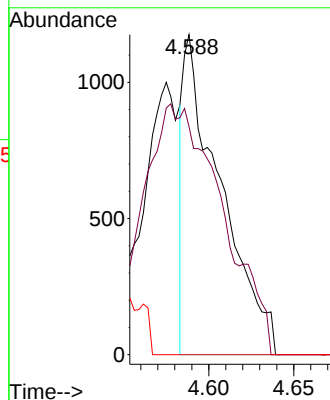
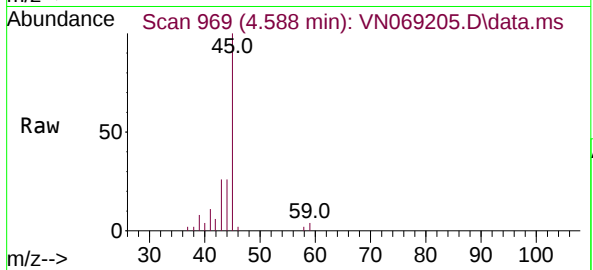
Delta R.T. -0.255 min

Lab File: VN069205.D

Acq: 27 Oct 2021 00:19

Tgt Ion:	41	Resp:	1780
Ion	Ratio	Lower	Upper
41	100		
39	0.0	55.6	83.4#
76	0.0	26.4	39.6#

Instrument :
MSVOA_N
ClientSampleId :



#16

Acetone

Concen: 2.668 ug/l

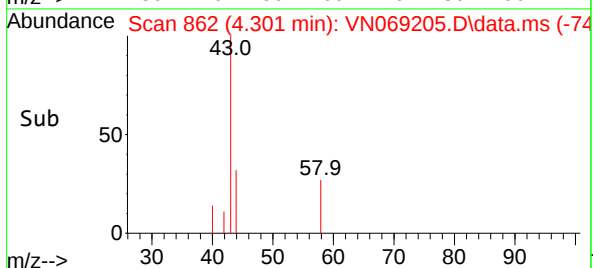
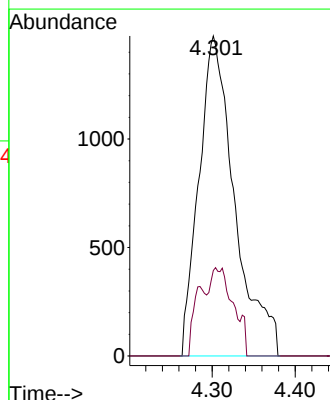
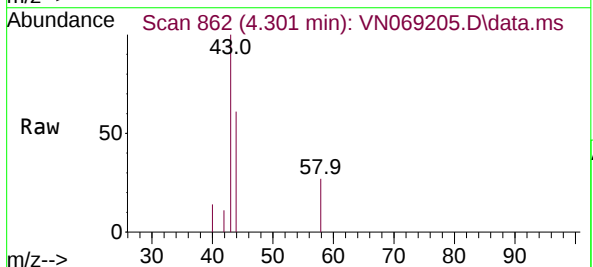
RT: 4.301 min Scan# 862

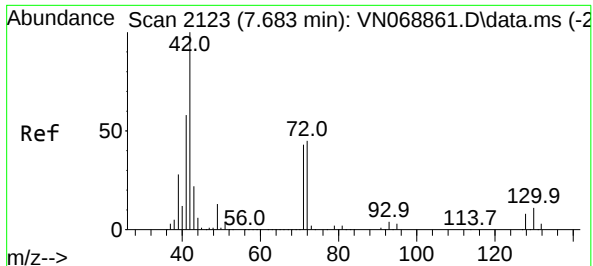
Delta R.T. 0.016 min

Lab File: VN069205.D

Acq: 27 Oct 2021 00:19

Tgt Ion:	43	Resp:	4418
Ion	Ratio	Lower	Upper
43	100		
58	26.7	24.5	36.7





#29

Tetrahydrofuran

Concen: 0.328 ug/l

RT: 7.694 min Scan# 2127

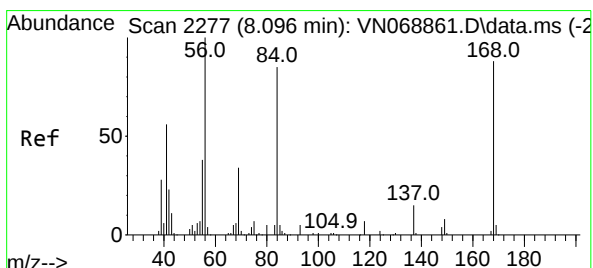
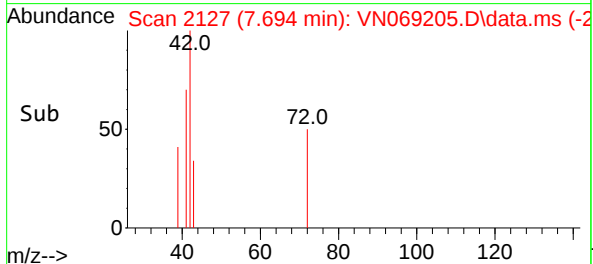
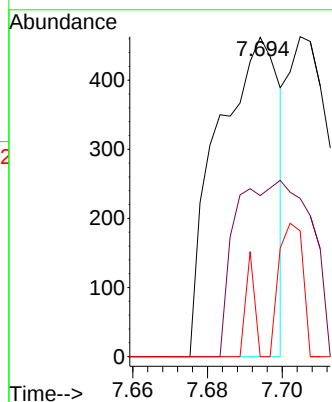
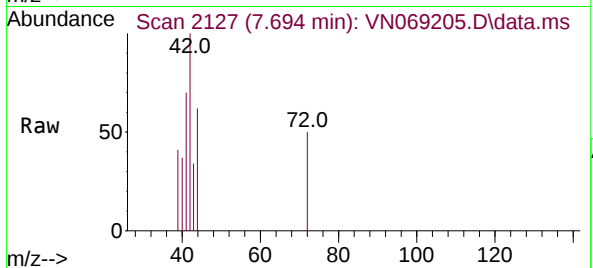
Delta R.T. 0.011 min

Lab File: VN069205.D

Acq: 27 Oct 2021 00:19

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:	42	Resp:	532
Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.4	53.2#
71	4.5	33.8	50.6#



#31

Cyclohexane

Concen: 1.156 ug/l

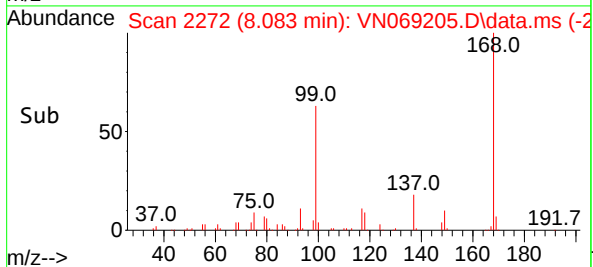
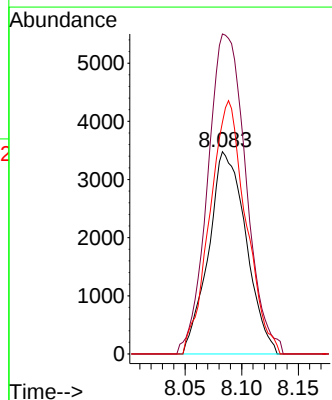
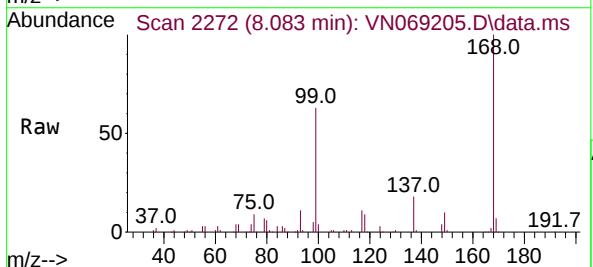
RT: 8.083 min Scan# 2272

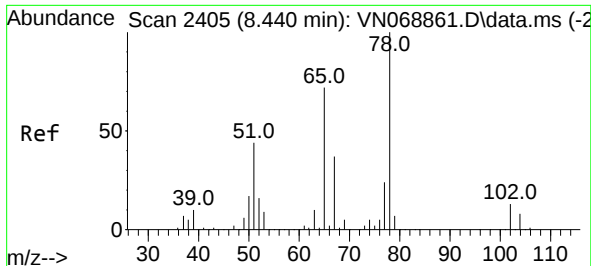
Delta R.T. -0.013 min

Lab File: VN069205.D

Acq: 27 Oct 2021 00:19

Tgt Ion:	56	Resp:	7975
Ion	Ratio	Lower	Upper
56	100		
69	153.5	26.9	40.3#
84	114.7	67.6	101.4#





#33

1,2-Dichloroethane-d4

Concen: 50.364 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VN069205.D

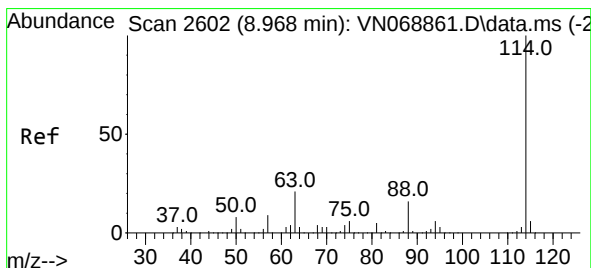
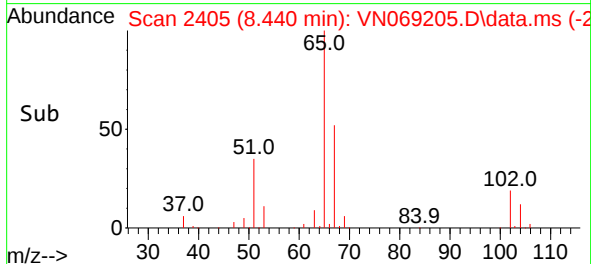
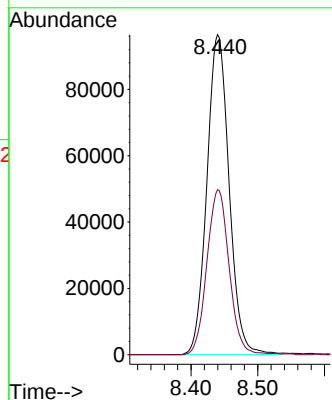
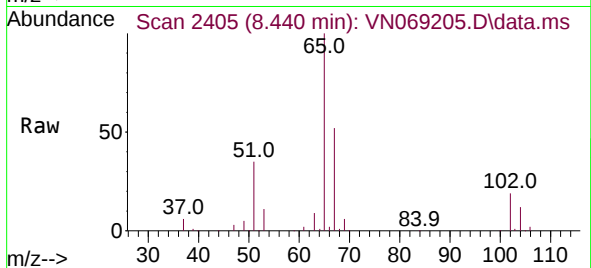
Acq: 27 Oct 2021 00:19

Tgt Ion: 65 Resp: 223483

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN069205.D

Acq: 27 Oct 2021 00:19

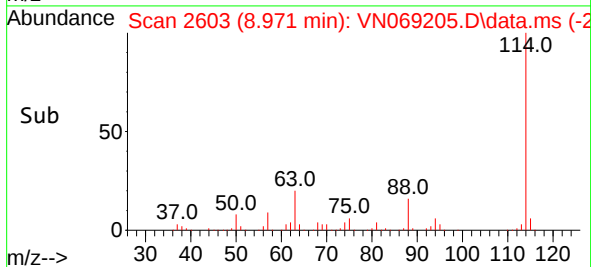
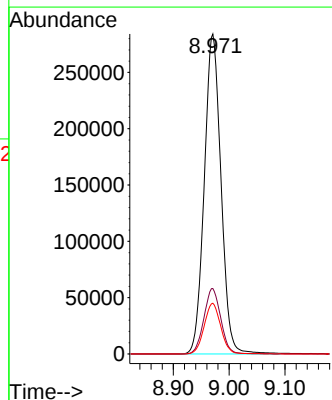
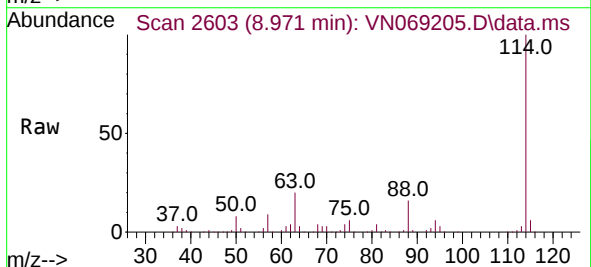
Tgt Ion: 114 Resp: 592063

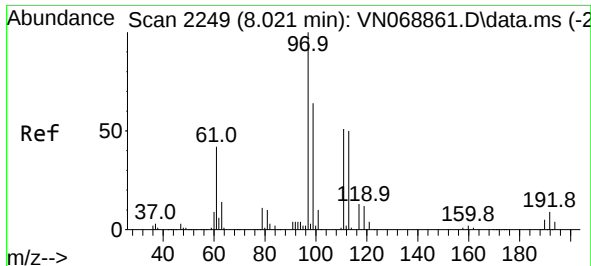
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 15.8 0.0 32.0

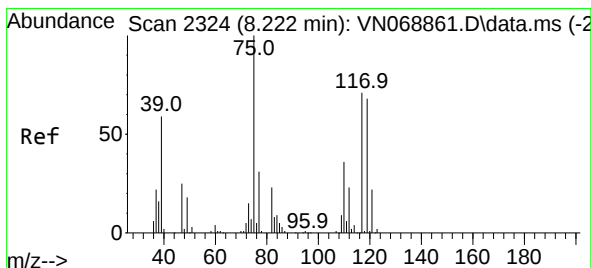
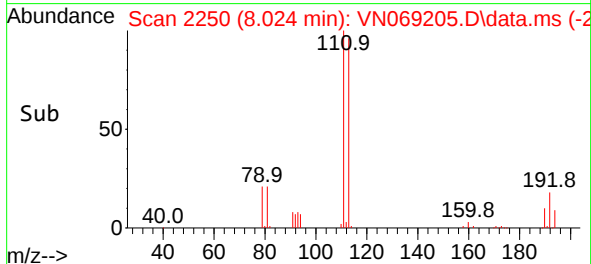
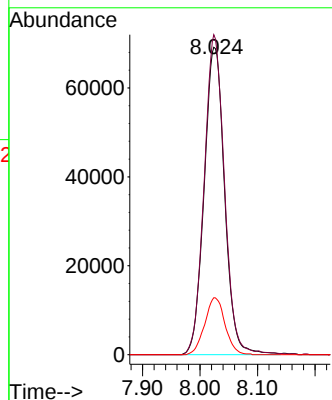
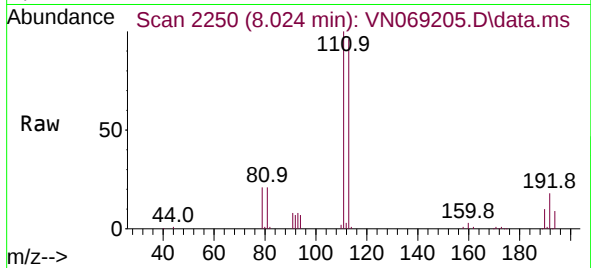




#35
Dibromofluoromethane
Concen: 49.779 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069205.D
Acq: 27 Oct 2021 00:19

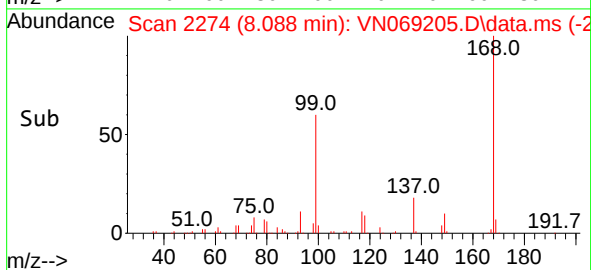
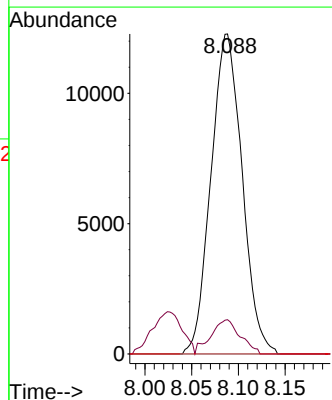
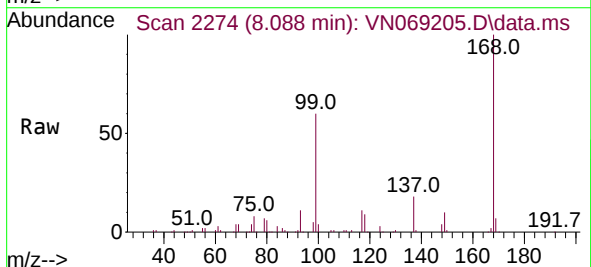
Instrument :
MSVOA_N
ClientSampleId :

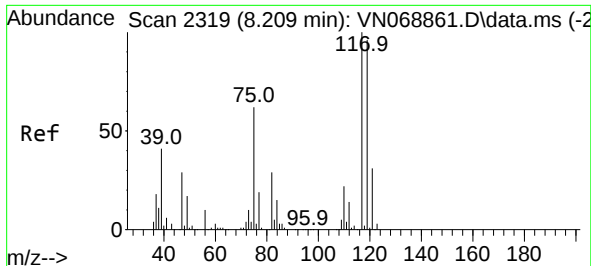
Tgt Ion:113 Resp: 171471
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 18.4 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.636 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069205.D
Acq: 27 Oct 2021 00:19

Tgt Ion: 75 Resp: 28501
Ion Ratio Lower Upper
75 100
110 10.1 17.9 53.8#
77 0.0 24.7 37.1#

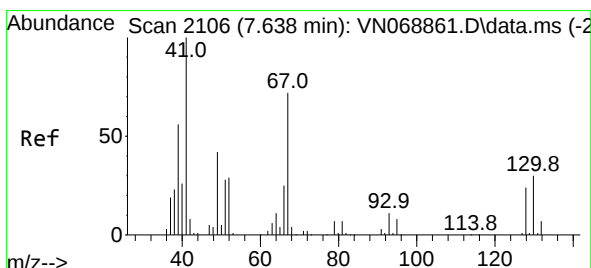
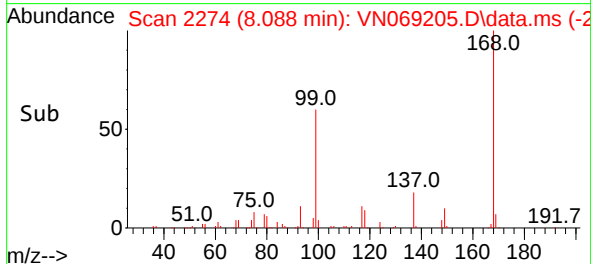
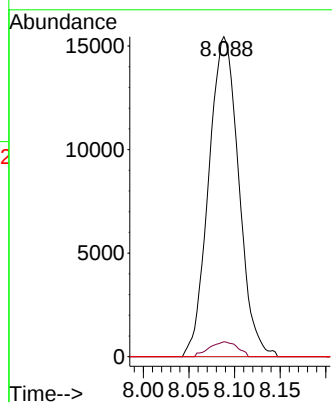
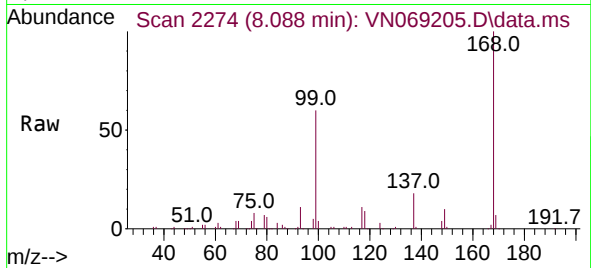




#38
Carbon Tetrachloride
Concen: 6.378 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069205.D
Acq: 27 Oct 2021 00:19

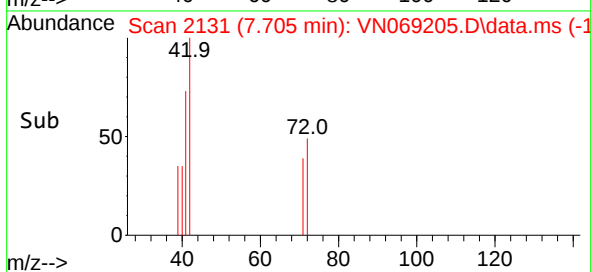
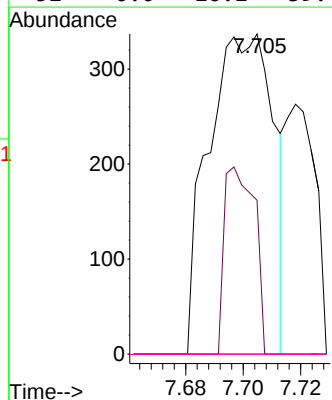
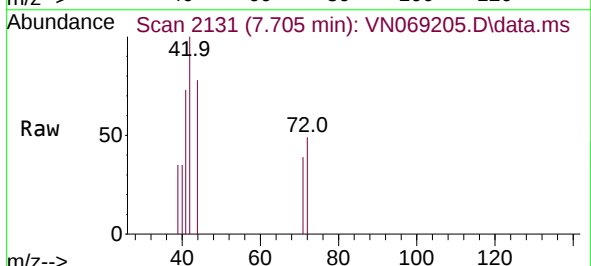
Instrument :
MSVOA_N
ClientSampled :

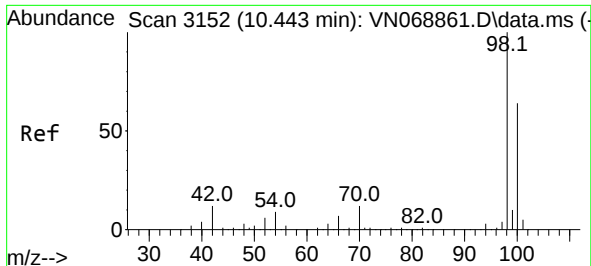
Tgt Ion:117 Resp: 35422
Ion Ratio Lower Upper
117 100
119 4.6 76.9 115.3#
121 0.0 24.6 37.0#



#41
Methacrylonitrile
Concen: 0.200 ug/l
RT: 7.705 min Scan# 2131
Delta R.T. 0.067 min
Lab File: VN069205.D
Acq: 27 Oct 2021 00:19

Tgt Ion: 41 Resp: 527
Ion Ratio Lower Upper
41 100
39 27.3 44.9 67.3#
67 0.0 62.6 93.8#
52 0.0 26.2 39.4#

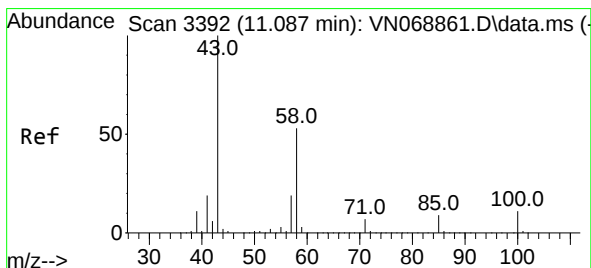
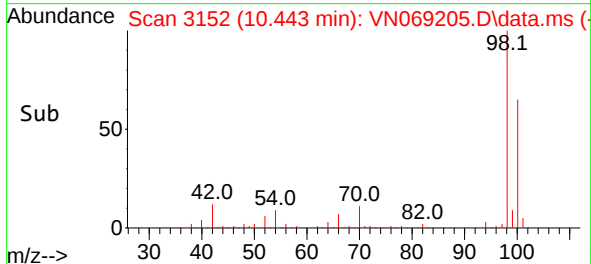
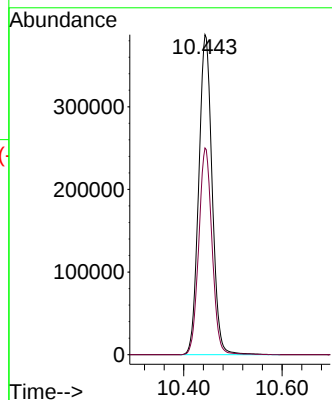
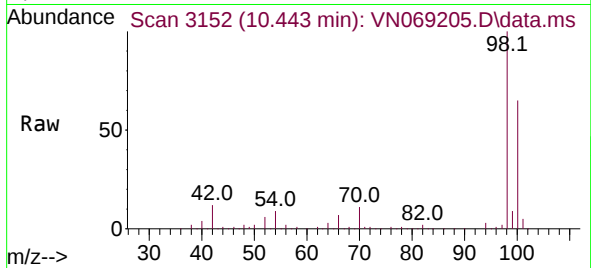




#50
Toluene-d8
Concen: 52.981 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069205.D
Acq: 27 Oct 2021 00:19

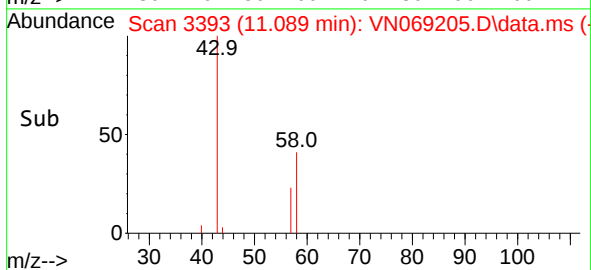
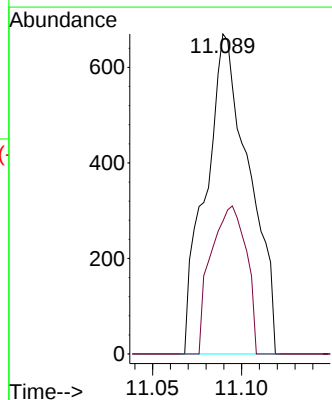
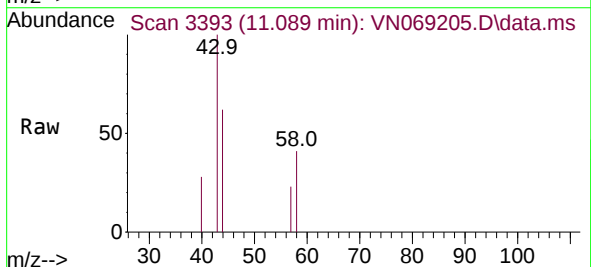
Instrument :
MSVOA_N
ClientSampleId :

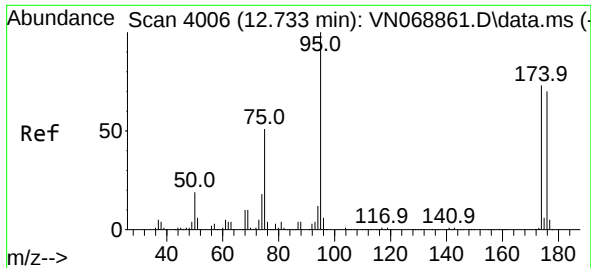
Tgt Ion: 98 Resp: 730216
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#59
2-Hexanone
Concen: 0.296 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN069205.D
Acq: 27 Oct 2021 00:19

Tgt Ion: 43 Resp: 1135
Ion Ratio Lower Upper
43 100
58 37.4 26.9 80.7

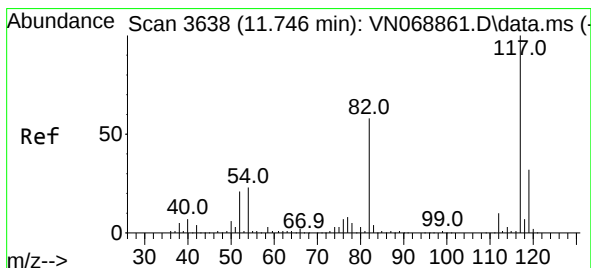
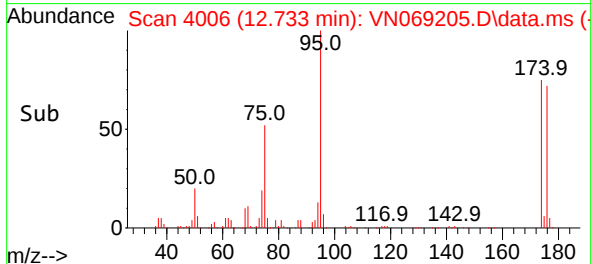
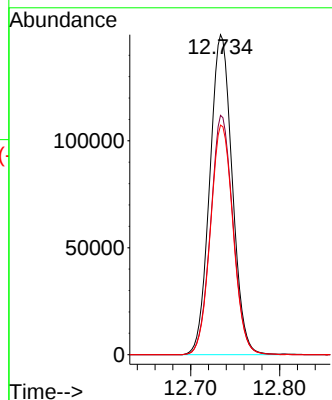
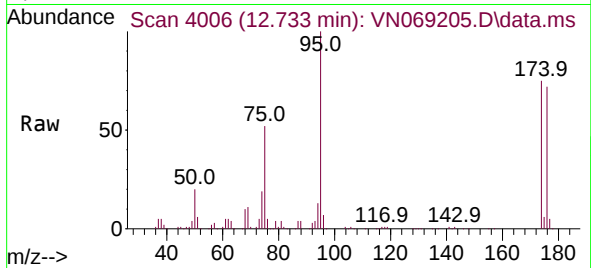




#62
4-Bromofluorobenzene
Concen: 50.448 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069205.D
Acq: 27 Oct 2021 00:19

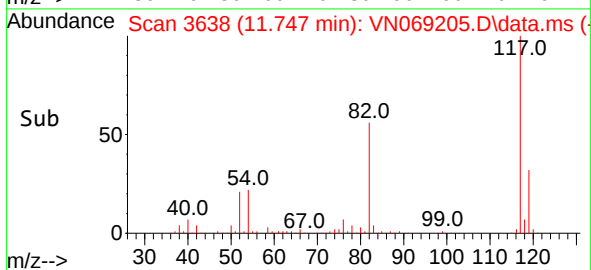
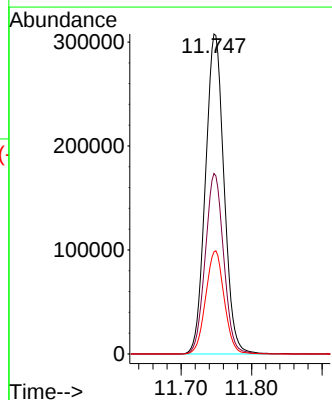
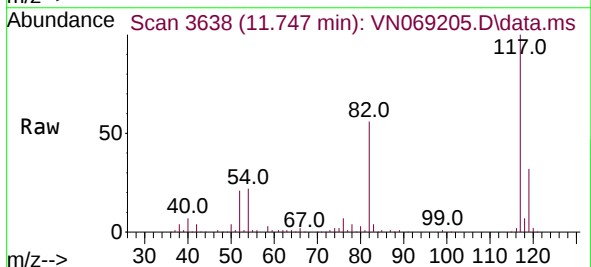
Instrument :
MSVOA_N
ClientSampleId :

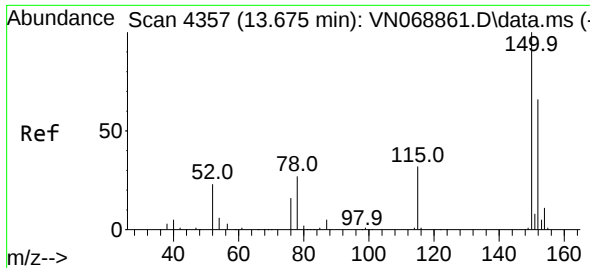
Tgt Ion: 95 Resp: 262332
Ion Ratio Lower Upper
95 100
174 74.6 0.0 144.8
176 72.4 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069205.D
Acq: 27 Oct 2021 00:19

Tgt Ion: 117 Resp: 562682
Ion Ratio Lower Upper
117 100
82 56.4 46.4 69.6
119 31.9 26.0 39.0

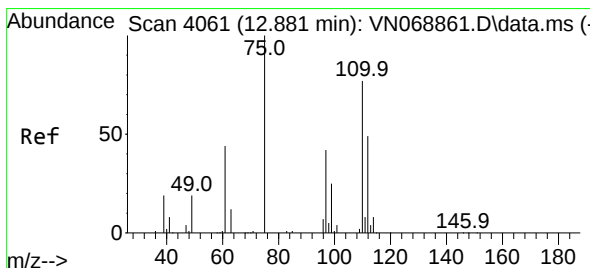
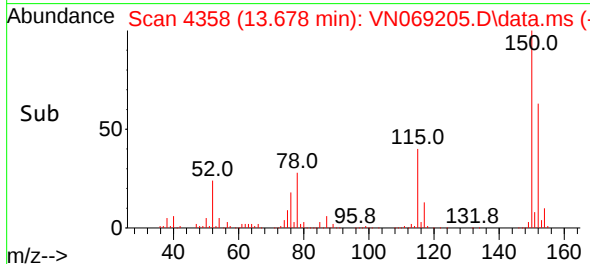
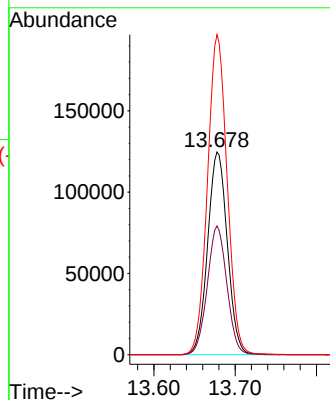
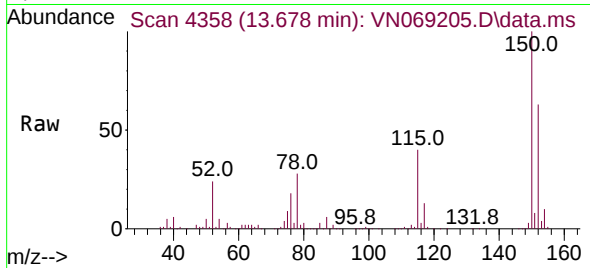




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069205.D
 Acq: 27 Oct 2021 00:19

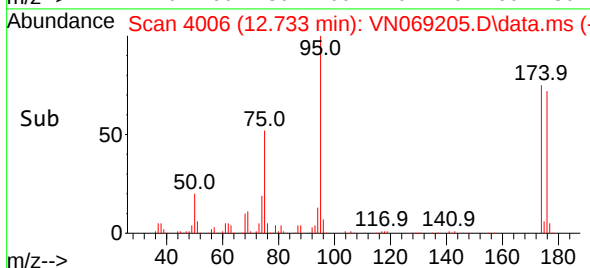
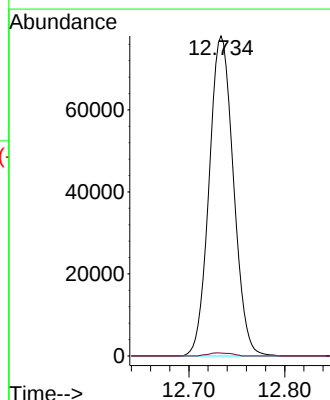
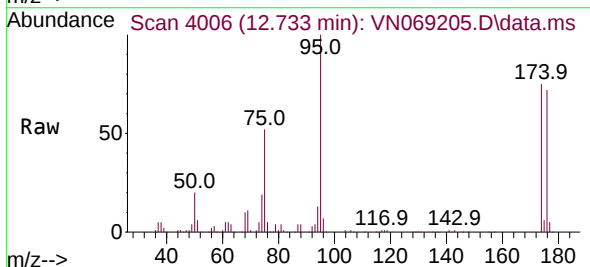
Instrument :
 MSVOA_N
 ClientSampled :

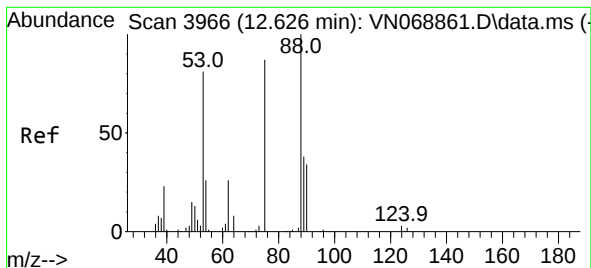
Tgt Ion:152 Resp: 209955
 Ion Ratio Lower Upper
 152 100
 115 63.0 31.4 94.3
 150 157.5 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 30.751 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.147 min
 Lab File: VN069205.D
 Acq: 27 Oct 2021 00:19

Tgt Ion: 75 Resp: 137374
 Ion Ratio Lower Upper
 75 100
 77 0.9 96.2 288.4#

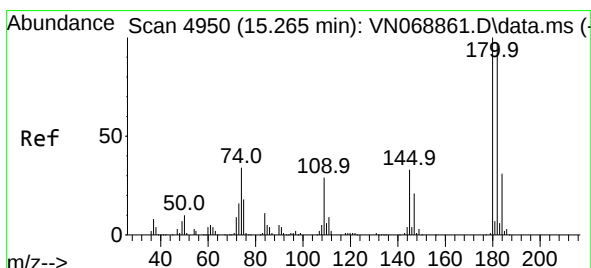
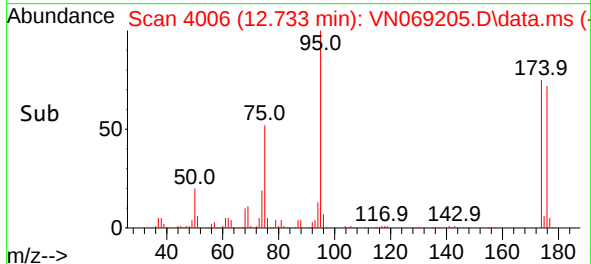
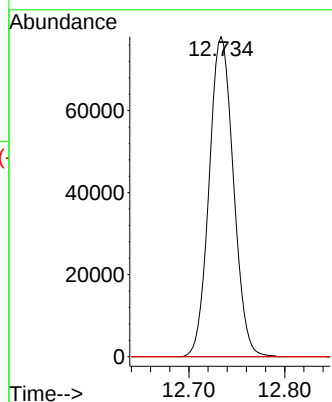
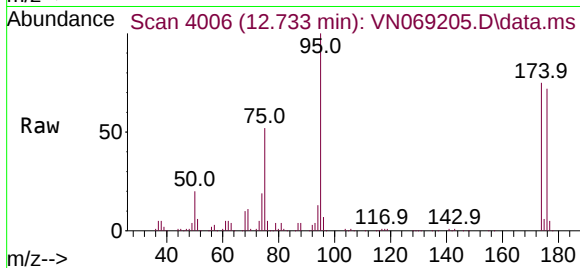




#81
trans-1,4-Dichloro-2-butene
Concen: 73.571 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069205.D
Acq: 27 Oct 2021 00:19

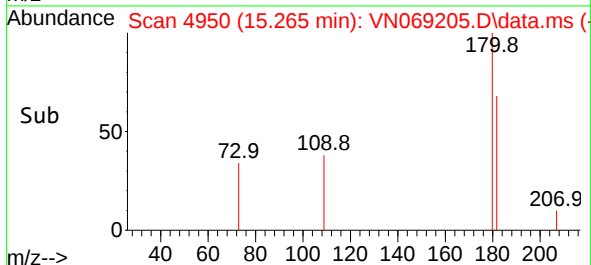
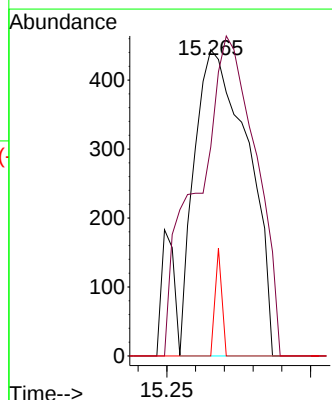
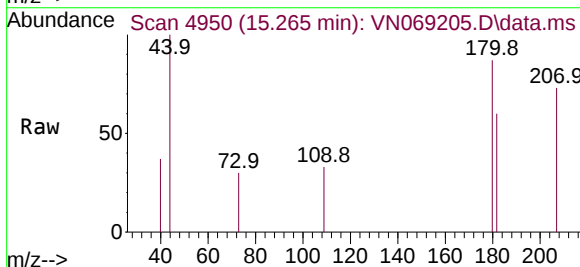
Instrument :
MSVOA_N
ClientSampleId :

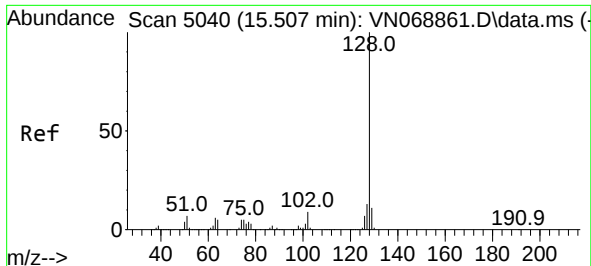
Tgt Ion: 75 Resp: 137374
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.756 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069205.D
Acq: 27 Oct 2021 00:19

Tgt Ion:180 Resp: 575
Ion Ratio Lower Upper
180 100
182 115.0 47.9 143.7
145 4.3 16.4 49.2#

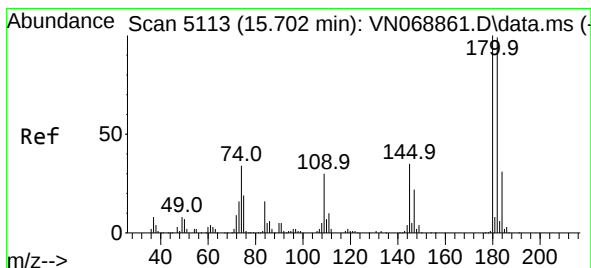
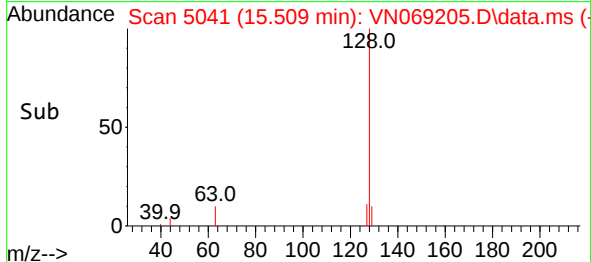
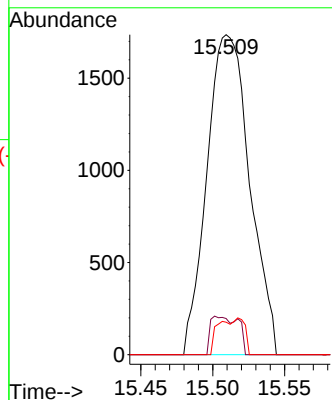
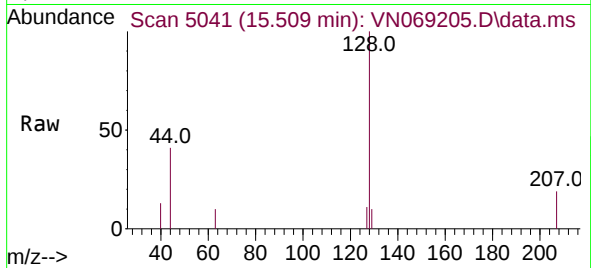




#95
Naphthalene
Concen: 4.153 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069205.D
Acq: 27 Oct 2021 00:19

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 3597
Ion Ratio Lower Upper
128 100
127 5.2 10.5 15.7#
129 3.8 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 2.728 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.006 min
Lab File: VN069205.D
Acq: 27 Oct 2021 00:19

Tgt Ion:180 Resp: 758
Ion Ratio Lower Upper
180 100
182 97.4 48.1 144.3
145 13.6 17.4 52.2#

