

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110121\
 Data File : VN069332.D
 Acq On : 1 Nov 2021 20:24
 Operator : JC/MD
 Sample : M4407-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 02 05:51:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

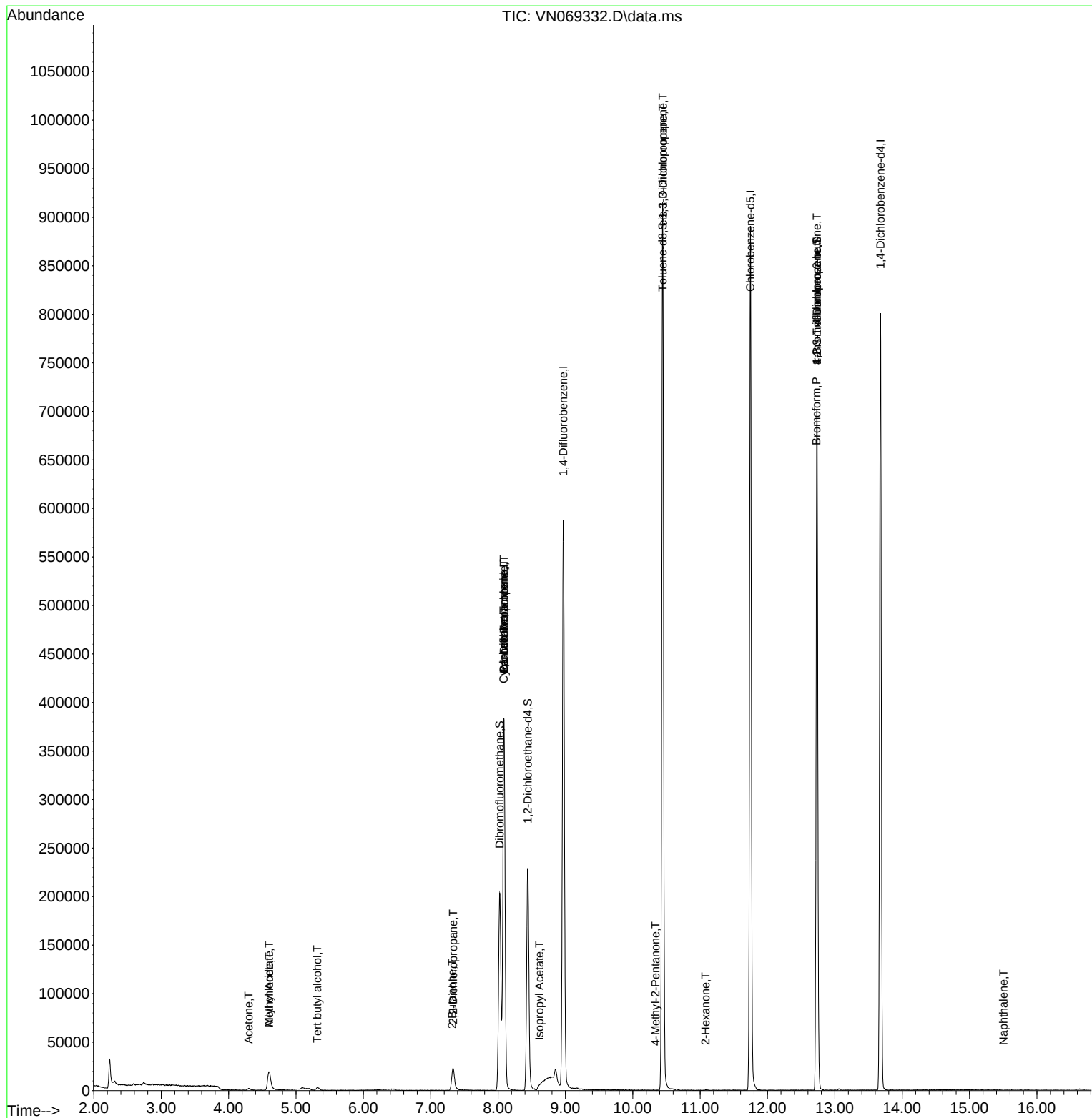
Internal Standards						
1) Pentafluorobenzene	8.086	168	285623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	522499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	524943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	213816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	200363	48.595	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.200%		
35) Dibromofluoromethane	8.024	113	150738	46.280	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.560%		
50) Toluene-d8	10.443	98	653486	50.180	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.360%		
62) 4-Bromofluorobenzene	12.733	95	249734	50.819	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.640%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.301	50	311	Below Cal	#	42
11) Tert butyl alcohol	5.315	59	2734	16.635	ug/l #	72
14) Allyl chloride	4.599	41	2056	0.452	ug/l #	1
16) Acetone	4.296	43	4007	2.281	ug/l #	80
18) Methyl Acetate	4.599	43	10393	1.741	ug/l #	52
25) 2-Butanone	7.318	43	619	1.863	ug/l #	48
26) 2,2-Dichloropropane	7.332	77	1484	1.111	ug/l #	53
31) Cyclohexane	8.083	56	6704	1.215	ug/l #	10
36) 1,1-Dichloropropene	8.086	75	24163	5.364	ug/l #	44
38) Carbon Tetrachloride	8.086	117	30551	6.853	ug/l #	16
43) Isopropyl Acetate	8.614	43	3454	0.841	ug/l #	55
51) 4-Methyl-2-Pentanone	10.338	43	169	6.431	ug/l #	36
53) t-1,3-Dichloropropene	10.448	75	63	1.949	ug/l	90
54) cis-1,3-Dichloropropene	10.448	75	63	1.538	ug/l	93
59) 2-Hexanone	11.081	43	227	8.049	ug/l #	25
71) Bromoform	12.728	173	747	3.090	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	133421	23.725	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	133421	68.169	ug/l #	12
95) Naphthalene	15.504	128	204	3.326	ug/l #	69

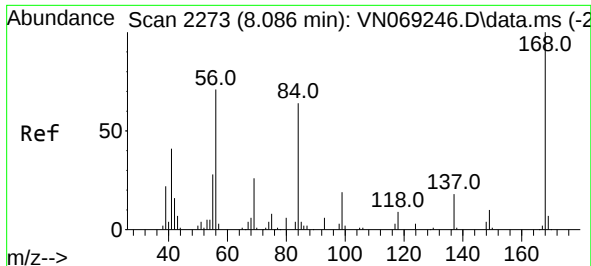
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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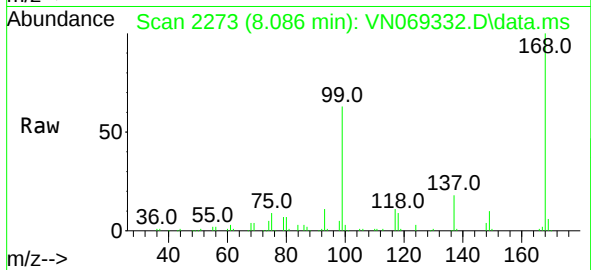
Quant Time: Nov 02 05:51:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
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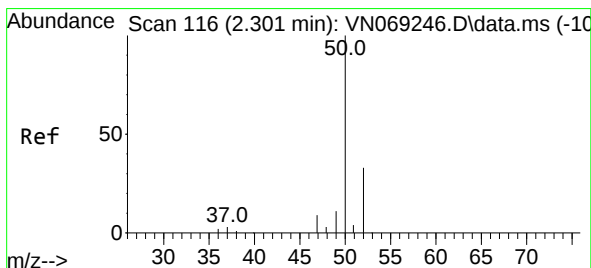
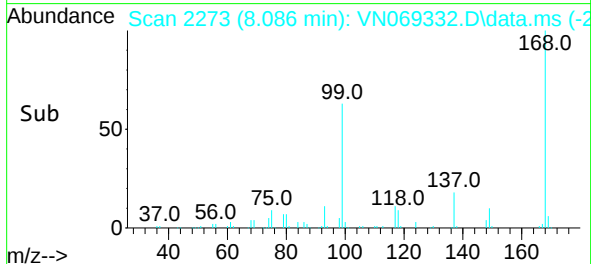
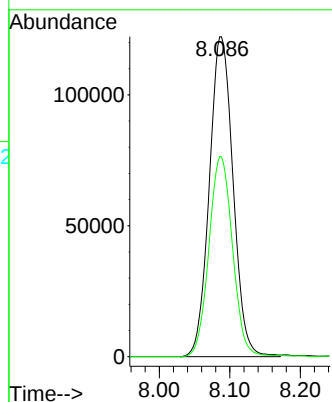


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069332.D
Acq: 1 Nov 2021 20:24

Instrument :
MSVOA_N
ClientSampleId :

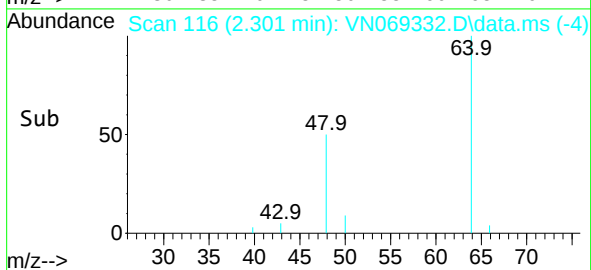
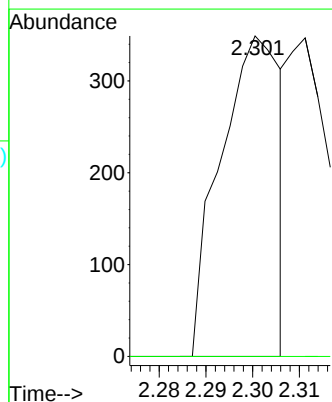
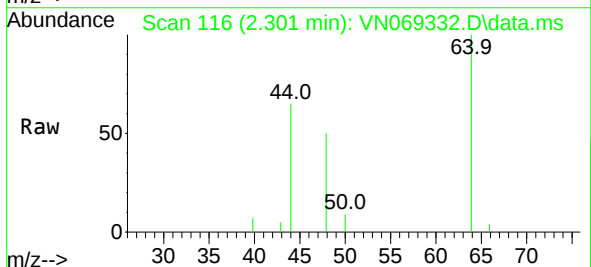


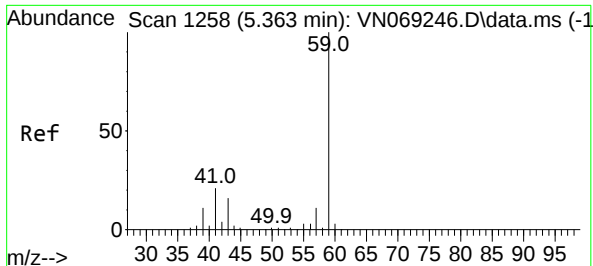
Tgt Ion:168 Resp: 285623
Ion Ratio Lower Upper
168 100
99 62.6 48.9 73.3



#3
Chloromethane
Concen: Below Cal
RT: 2.301 min Scan# 116
Delta R.T. -0.001 min
Lab File: VN069332.D
Acq: 1 Nov 2021 20:24

Tgt Ion: 50 Resp: 311
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#





#11

Tert butyl alcohol

Concen: 16.635 ug/l

RT: 5.315 min Scan# 11

Delta R.T. -0.048 min

Lab File: VN069332.D

Acq: 1 Nov 2021 20:24

Instrument :

MSVOA_N

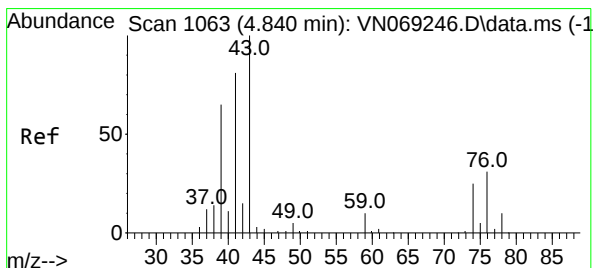
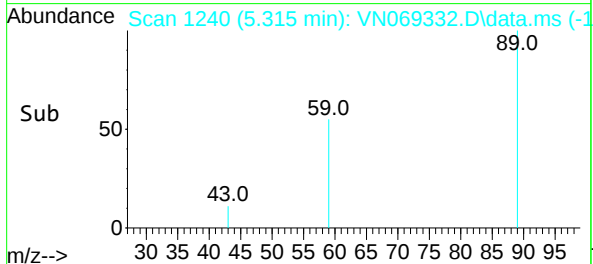
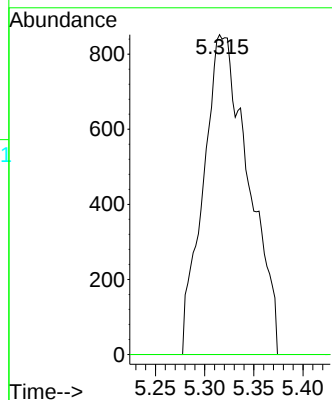
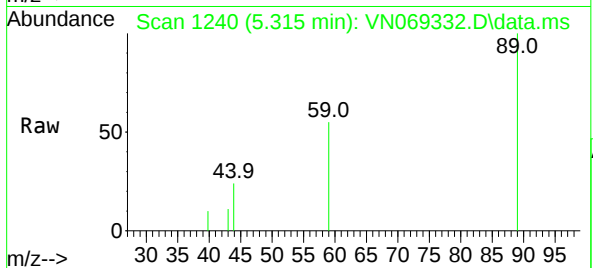
ClientSampleId :

Tgt Ion: 59 Resp: 2734

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.452 ug/l

RT: 4.599 min Scan# 973

Delta R.T. -0.241 min

Lab File: VN069332.D

Acq: 1 Nov 2021 20:24

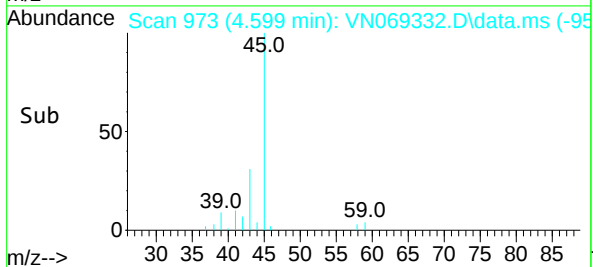
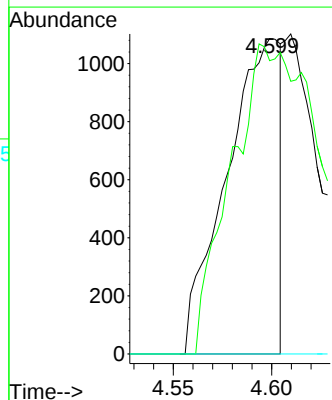
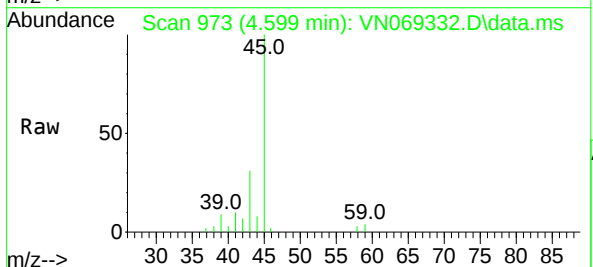
Tgt Ion: 41 Resp: 2056

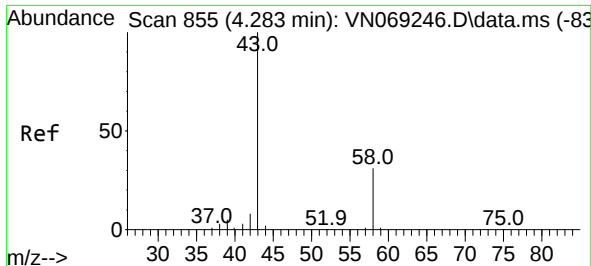
Ion Ratio Lower Upper

41 100

39 170.8 55.6 83.4#

76 0.0 26.4 39.6#

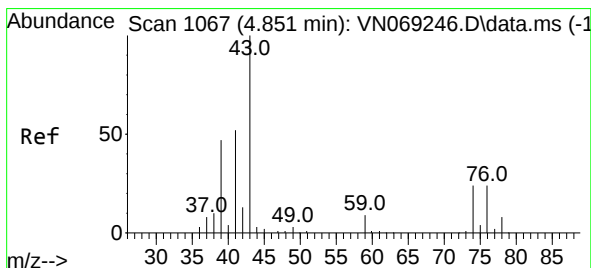
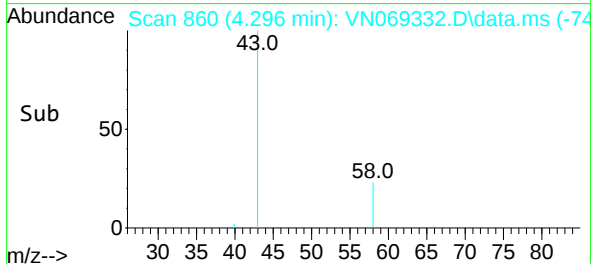
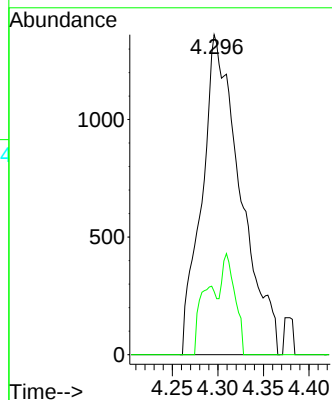
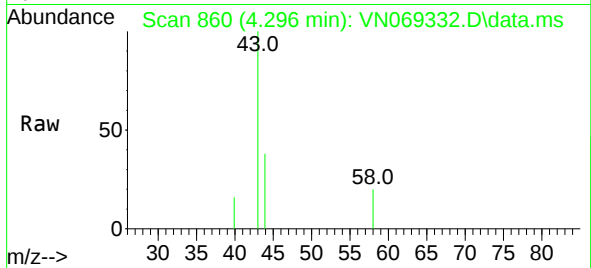




#16
Acetone
Concen: 2.281 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.013 min
Lab File: VN069332.D
Acq: 1 Nov 2021 20:24

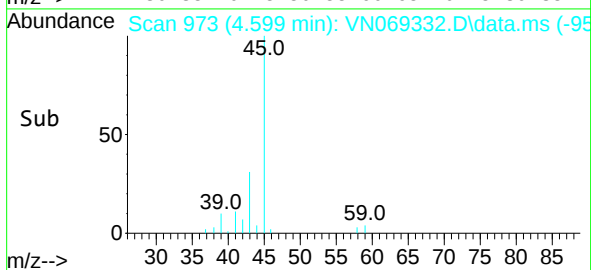
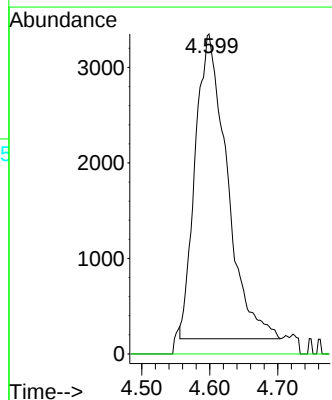
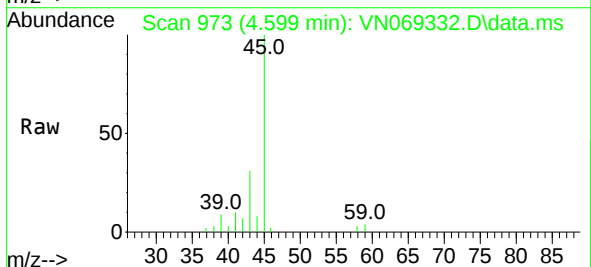
Instrument :
MSVOA_N
ClientSampleId :

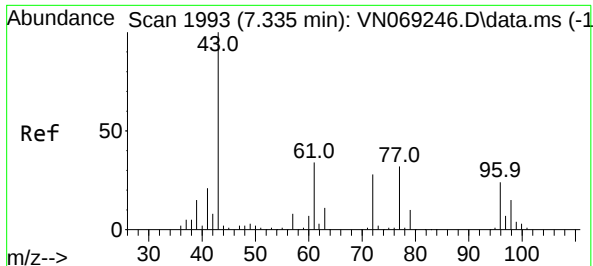
Tgt Ion: 43 Resp: 4007
Ion Ratio Lower Upper
43 100
58 19.8 24.5 36.7#



#18
Methyl Acetate
Concen: 1.741 ug/l
RT: 4.599 min Scan# 973
Delta R.T. -0.252 min
Lab File: VN069332.D
Acq: 1 Nov 2021 20:24

Tgt Ion: 43 Resp: 10393
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#





#25

2-Butanone

Concen: 1.863 ug/l

RT: 7.318 min Scan# 19

Delta R.T. -0.017 min

Lab File: VN069332.D

Acq: 1 Nov 2021 20:24

Instrument :

MSVOA_N

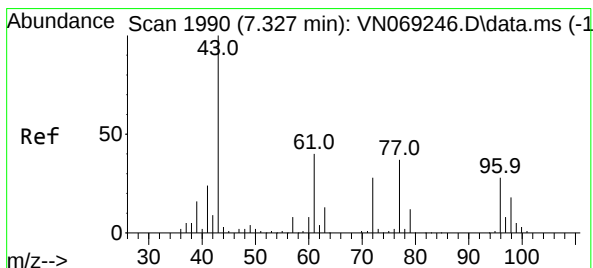
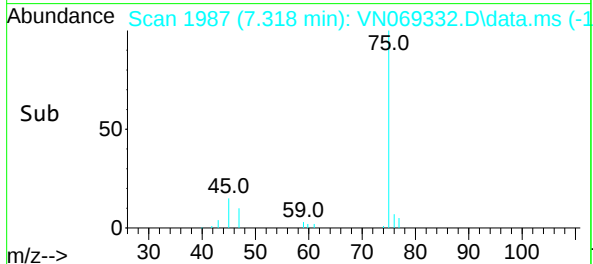
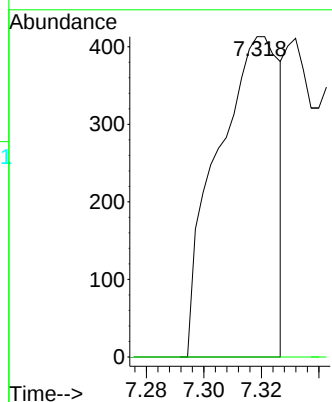
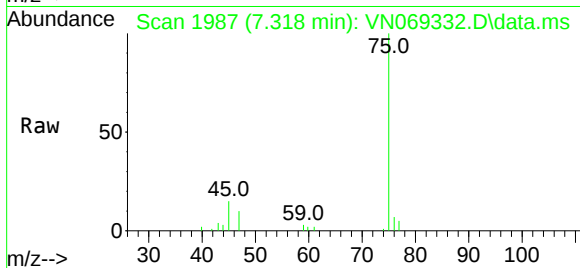
ClientSampleId :

Tgt Ion: 43 Resp: 619

Ion Ratio Lower Upper

43 100

72 0.0 21.2 31.8#



#26

2,2-Dichloropropane

Concen: 1.111 ug/l

RT: 7.332 min Scan# 1992

Delta R.T. 0.005 min

Lab File: VN069332.D

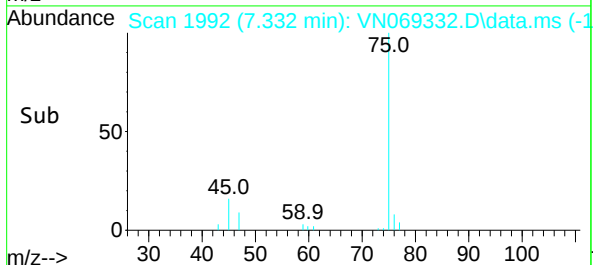
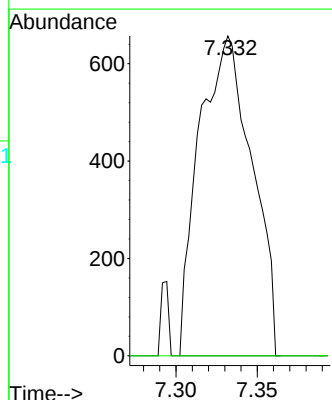
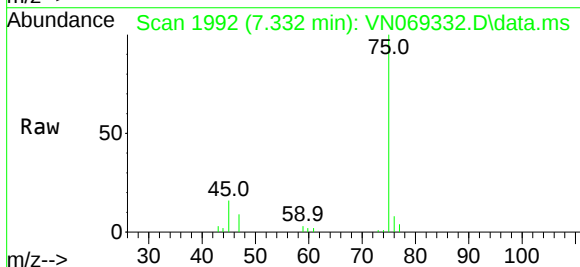
Acq: 1 Nov 2021 20:24

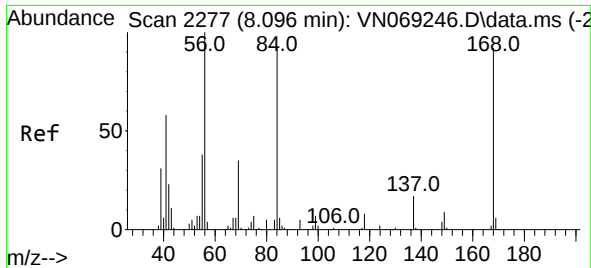
Tgt Ion: 77 Resp: 1484

Ion Ratio Lower Upper

77 100

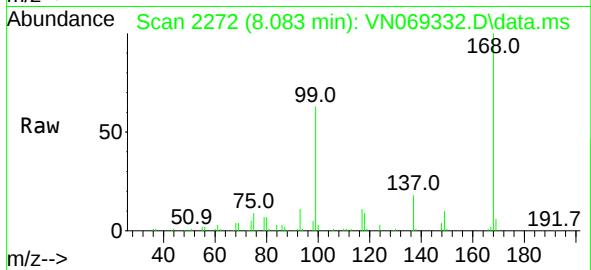
97 0.0 11.2 33.6#



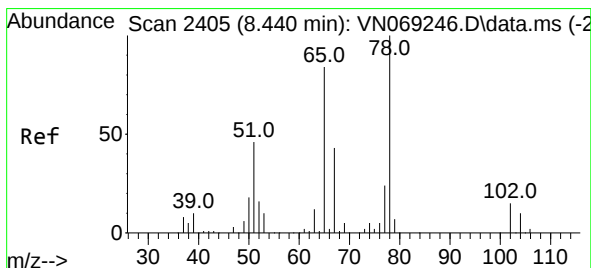
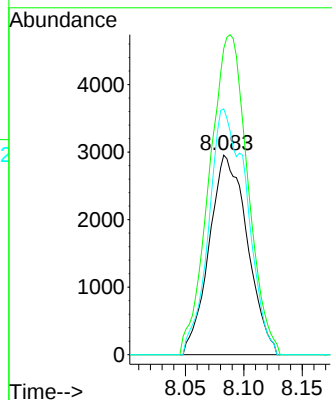
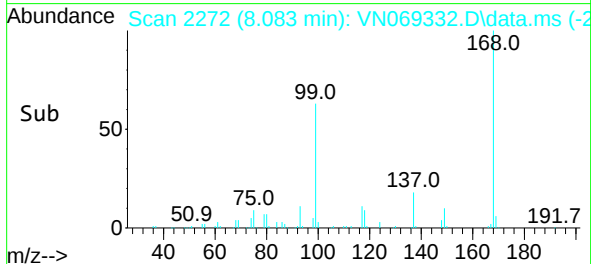


#31
Cyclohexane
Concen: 1.215 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.013 min
Lab File: VN069332.D
Acq: 1 Nov 2021 20:24

Instrument :
MSVOA_N
ClientSampleId :

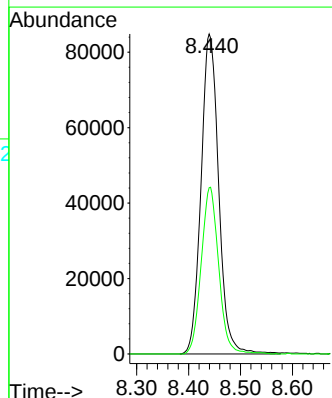
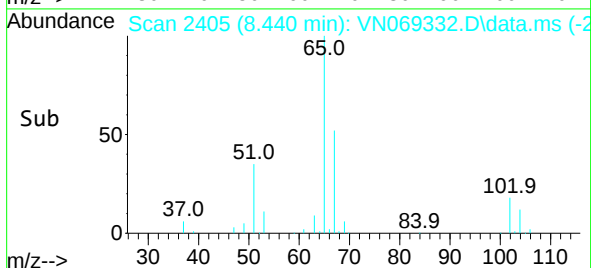
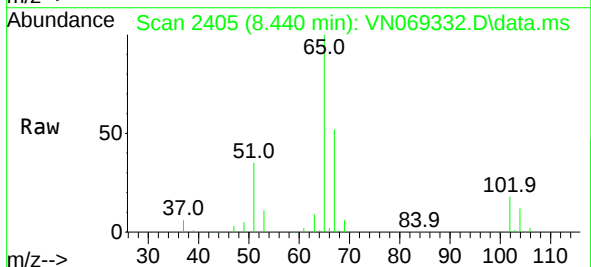


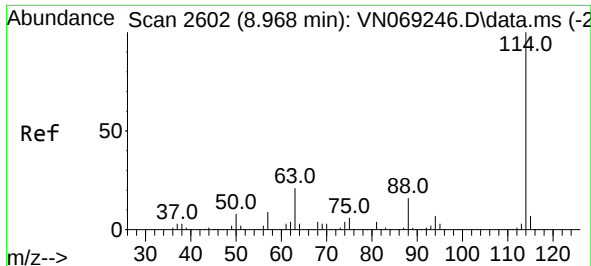
Tgt Ion: 56 Resp: 6704
Ion Ratio Lower Upper
56 100
69 153.5 26.9 40.3#
84 123.2 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 48.595 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069332.D
Acq: 1 Nov 2021 20:24

Tgt Ion: 65 Resp: 200363
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. -0.000 min

Lab File: VN069332.D

Acq: 1 Nov 2021 20:24

Instrument :

MSVOA_N

ClientSampleId :

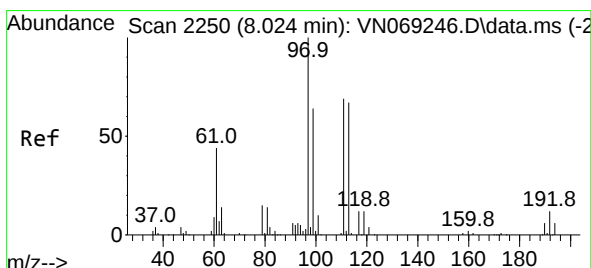
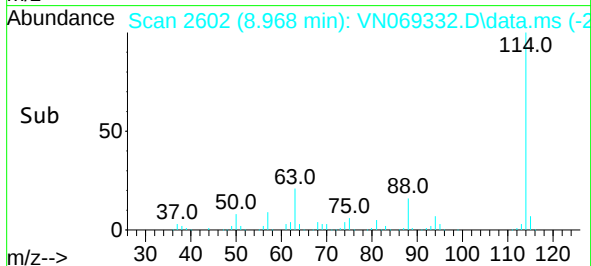
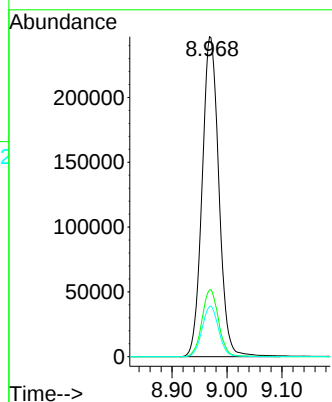
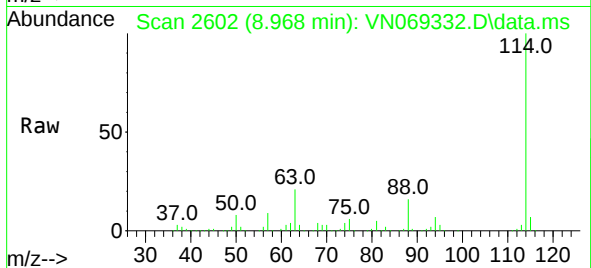
Tgt Ion:114 Resp: 522499

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 15.6 0.0 32.0



#35

Dibromofluoromethane

Concen: 46.280 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN069332.D

Acq: 1 Nov 2021 20:24

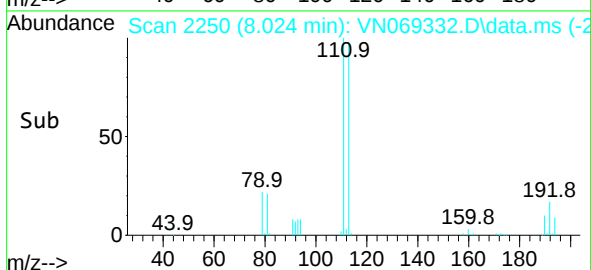
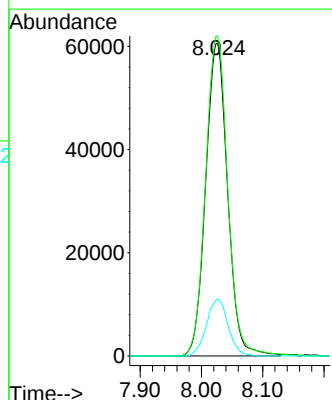
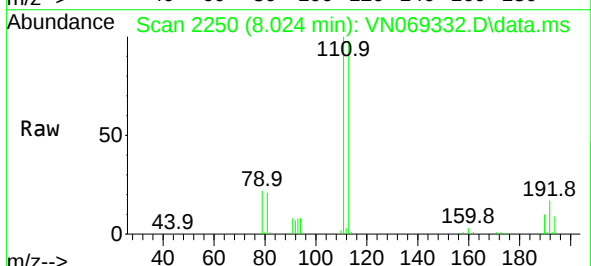
Tgt Ion:113 Resp: 150738

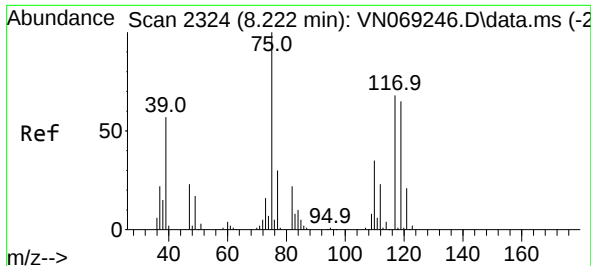
Ion Ratio Lower Upper

113 100

111 103.8 83.2 124.8

192 18.0 15.0 22.4

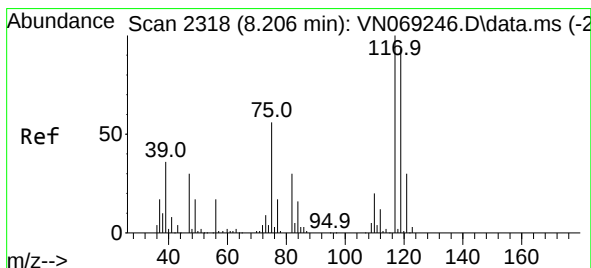
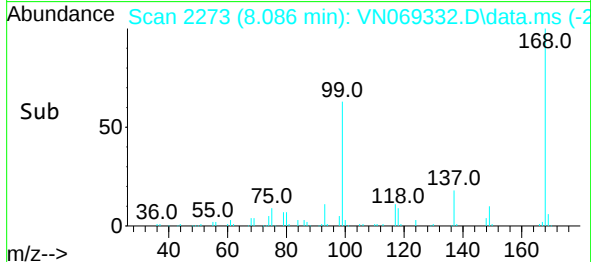
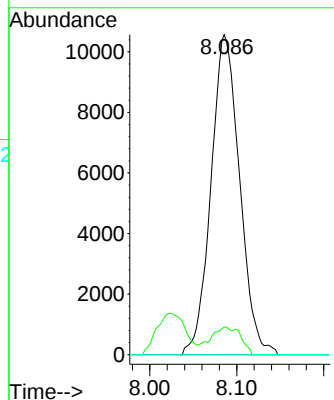
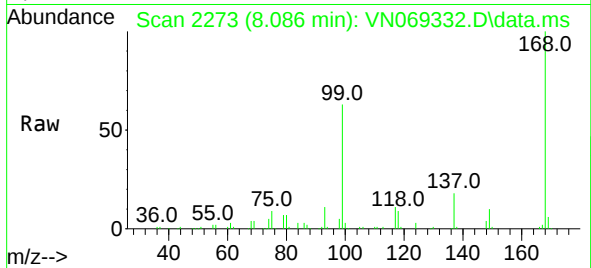




#36
1,1-Dichloropropene
Concen: 5.364 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.136 min
Lab File: VN069332.D
Acq: 1 Nov 2021 20:24

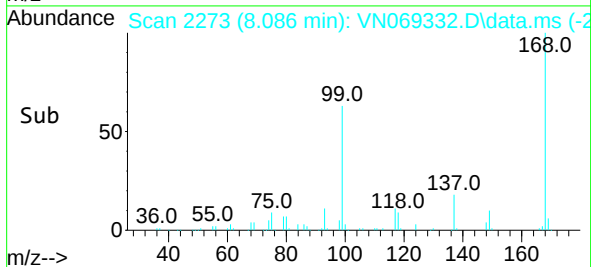
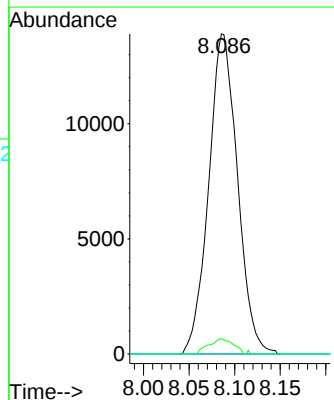
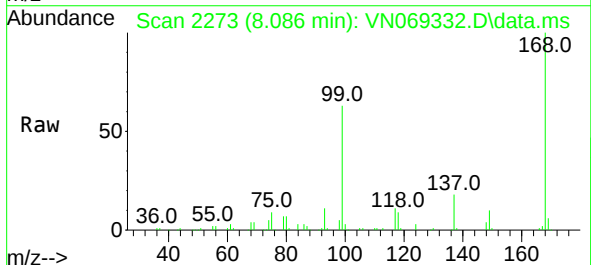
Instrument :
MSVOA_N
ClientSampleId :

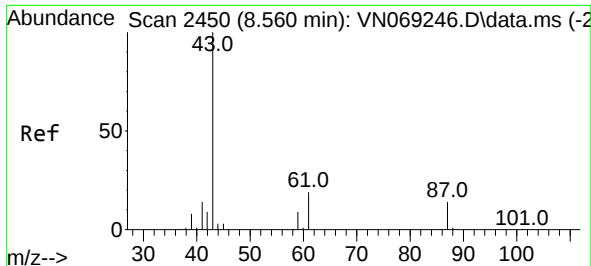
Tgt Ion: 75 Resp: 24163
Ion Ratio Lower Upper
75 100
110 3.2 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.853 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN069332.D
Acq: 1 Nov 2021 20:24

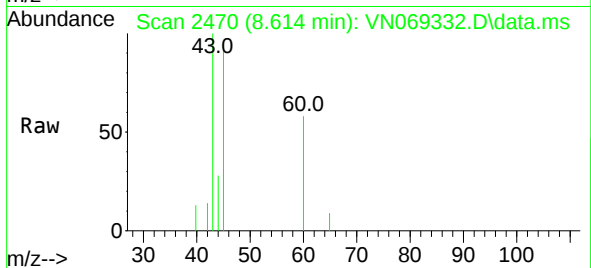
Tgt Ion:117 Resp: 30551
Ion Ratio Lower Upper
117 100
119 4.8 76.9 115.3#
121 0.0 24.6 37.0#



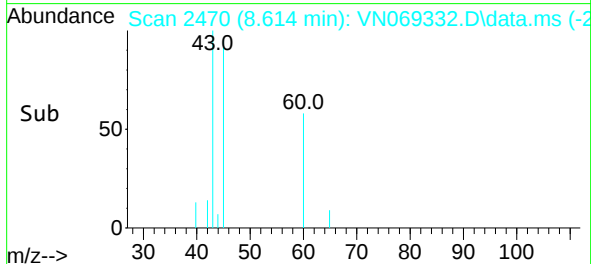
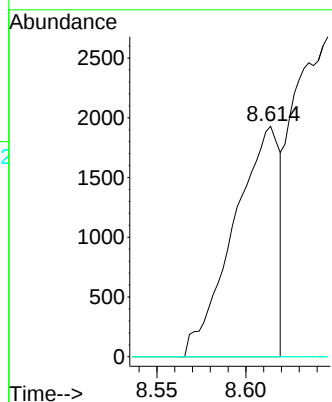


#43
Isopropyl Acetate
Concen: 0.841 ug/l
RT: 8.614 min Scan# 2450
Delta R.T. 0.054 min
Lab File: VN069332.D
Acq: 1 Nov 2021 20:24

Instrument :
MSVOA_N
ClientSampleId :

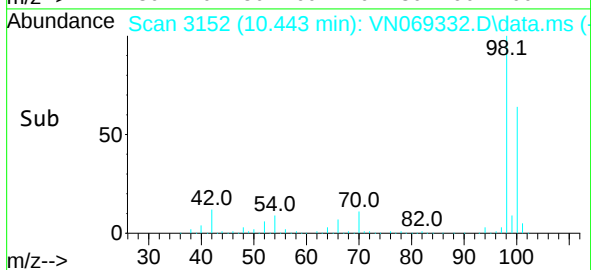
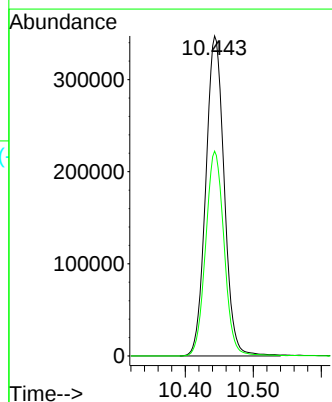
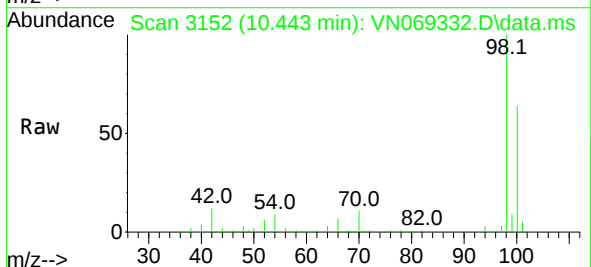
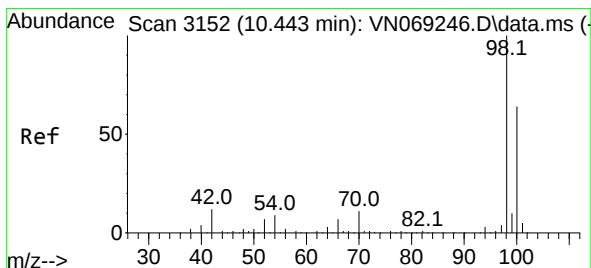


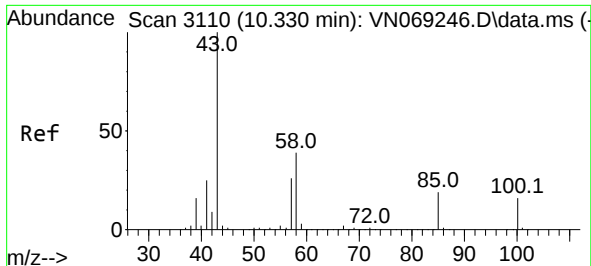
Tgt Ion: 43 Resp: 3454
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 50.180 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069332.D
Acq: 1 Nov 2021 20:24

Tgt Ion: 98 Resp: 653486
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

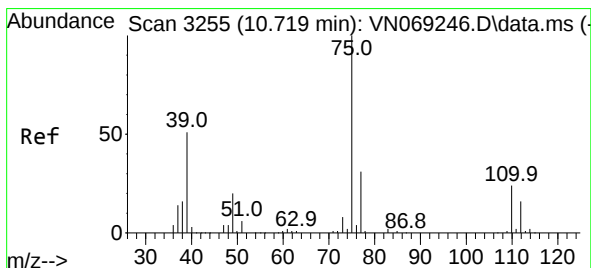
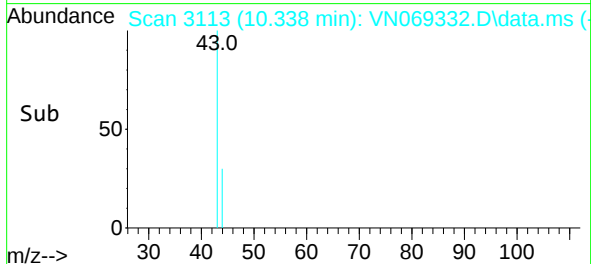
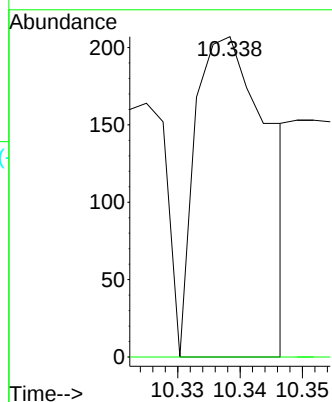
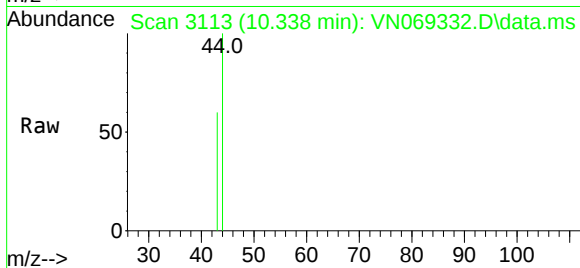




#51
4-Methyl-2-Pentanone
Concen: 6.431 ug/l
RT: 10.338 min Scan# 3113
Delta R.T. 0.008 min
Lab File: VN069332.D
Acq: 1 Nov 2021 20:24

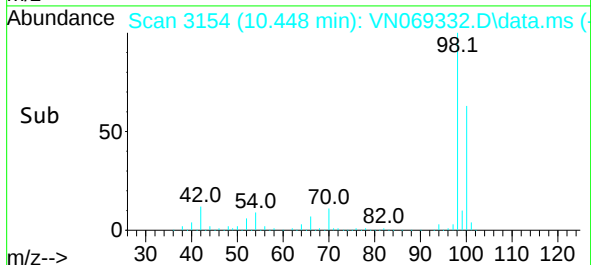
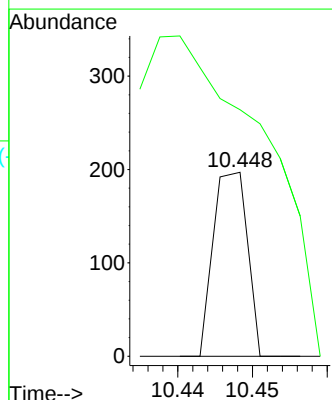
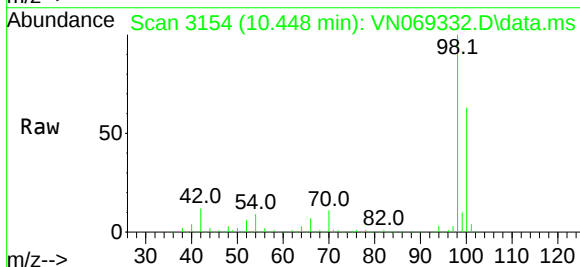
Instrument :
MSVOA_N
ClientSampleId :

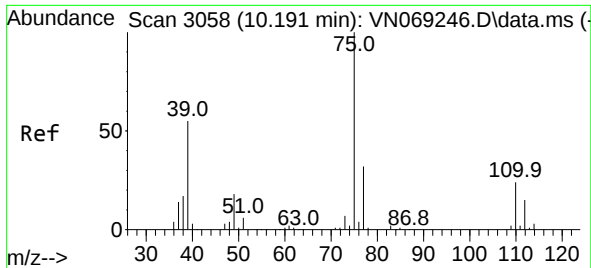
Tgt Ion: 43 Resp: 169
Ion Ratio Lower Upper
43 100
58 0.0 31.0 46.4#



#53
t-1,3-Dichloropropene
Concen: 1.949 ug/l
RT: 10.448 min Scan# 3154
Delta R.T. -0.271 min
Lab File: VN069332.D
Acq: 1 Nov 2021 20:24

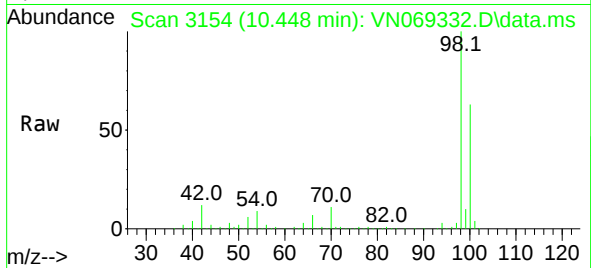
Tgt Ion: 75 Resp: 63
Ion Ratio Lower Upper
75 100
77 26.4 25.4 38.2



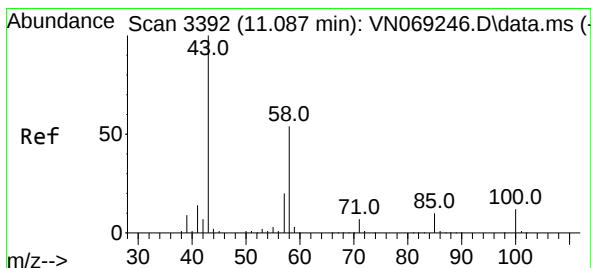
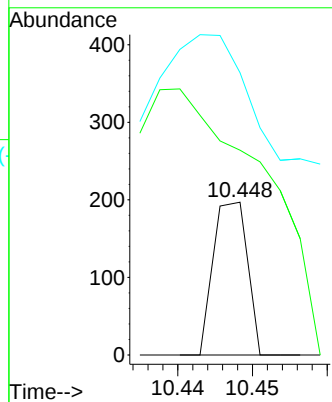
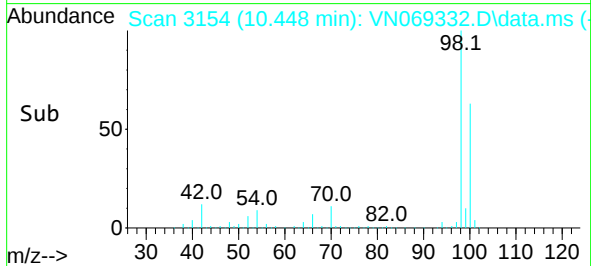


#54
 cis-1,3-Dichloropropene
 Concen: 1.538 ug/l
 RT: 10.448 min Scan# 3154
 Delta R.T. 0.257 min
 Lab File: VN069332.D
 Acq: 1 Nov 2021 20:24

Instrument :
 MSVOA_N
 ClientSampleId :

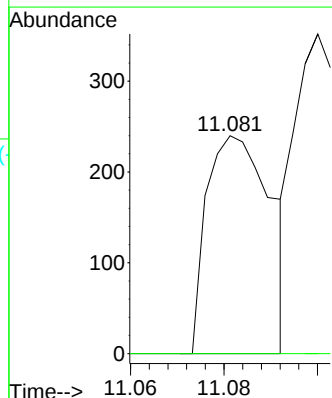
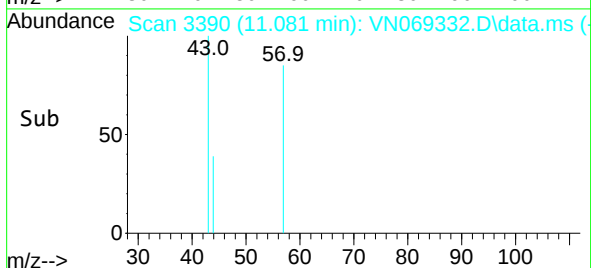
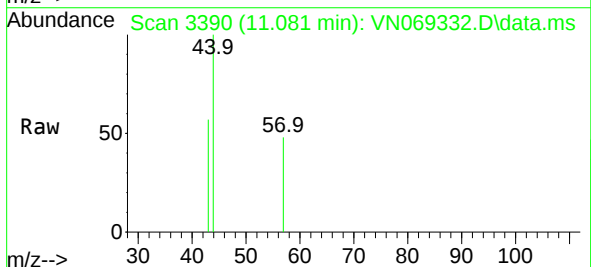


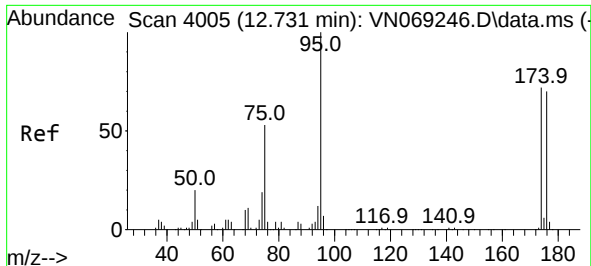
Tgt Ion: 75	Resp: 63
Ion Ratio	Lower Upper
75 100	
77 26.4	25.6 38.4
39 57.4	42.9 64.3



#59
 2-Hexanone
 Concen: 8.049 ug/l
 RT: 11.081 min Scan# 3390
 Delta R.T. -0.006 min
 Lab File: VN069332.D
 Acq: 1 Nov 2021 20:24

Tgt Ion: 43	Resp: 227
Ion Ratio	Lower Upper
43 100	
58 0.0	26.9 80.7#

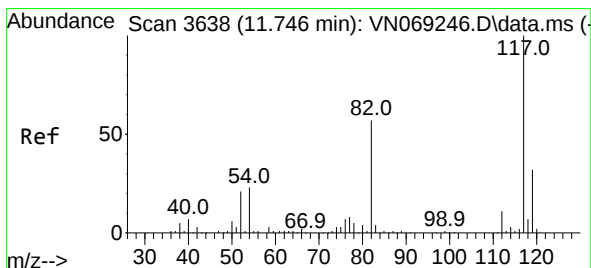
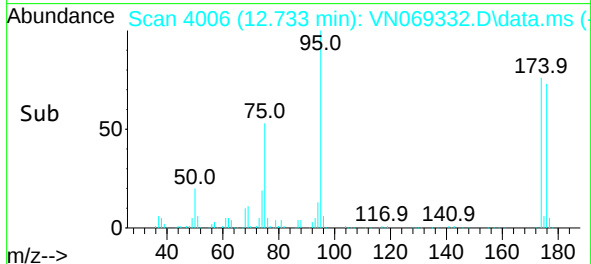
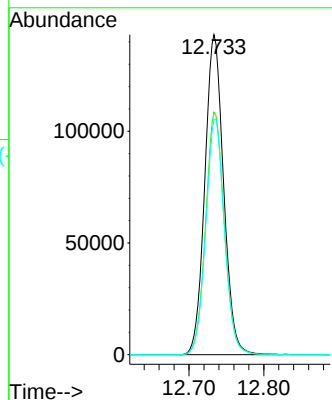
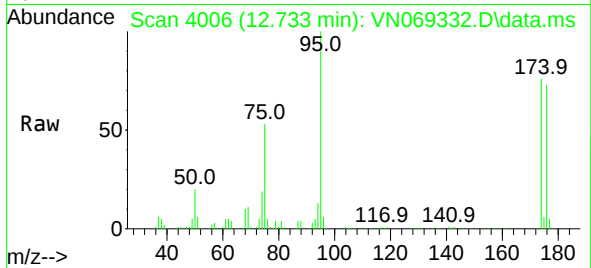




#62
4-Bromofluorobenzene
Concen: 50.819 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN069332.D
Acq: 1 Nov 2021 20:24

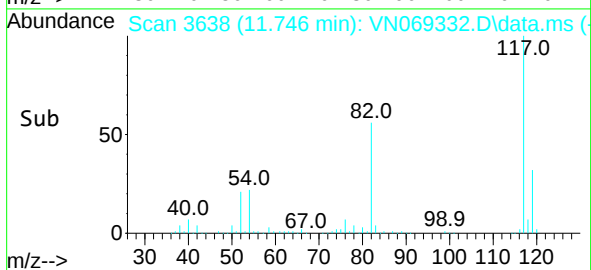
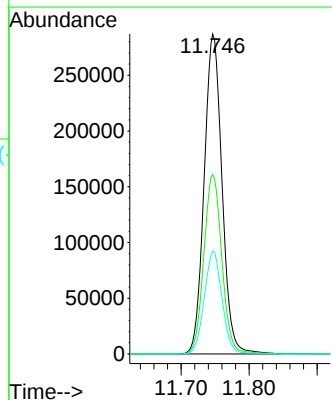
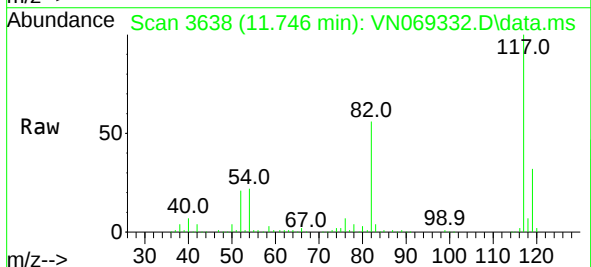
Instrument :
MSVOA_N
ClientSampleId :

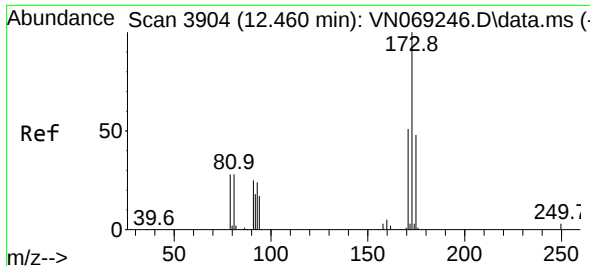
Tgt Ion: 95 Resp: 249734
Ion Ratio Lower Upper
95 100
174 75.6 0.0 144.8
176 73.4 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069332.D
Acq: 1 Nov 2021 20:24

Tgt Ion: 117 Resp: 524943
Ion Ratio Lower Upper
117 100
82 56.1 46.4 69.6
119 32.2 26.0 39.0

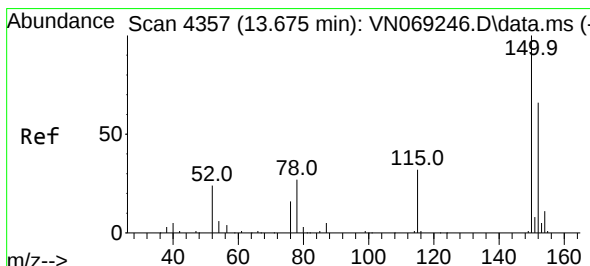
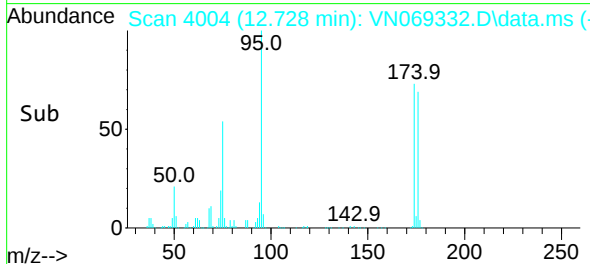
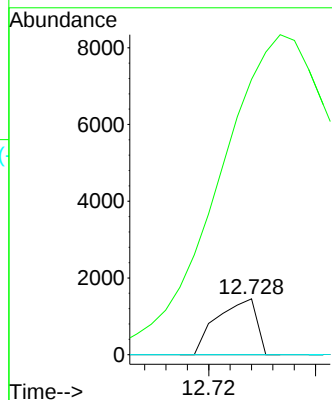
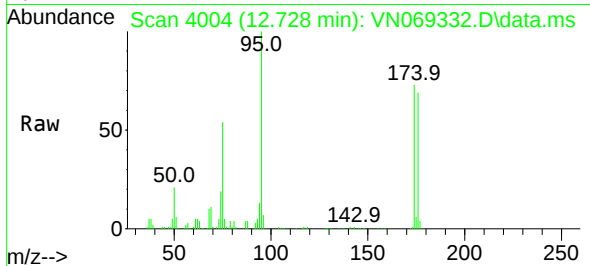




#71
Bromoform
Concen: 3.090 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.268 min
Lab File: VN069332.D
Acq: 1 Nov 2021 20:24

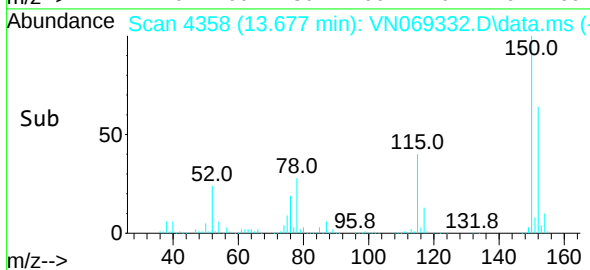
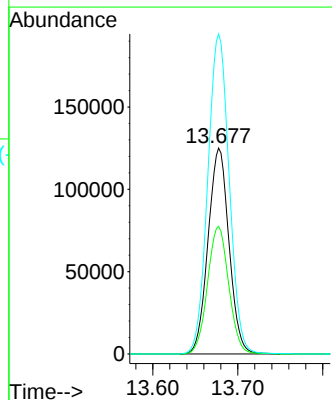
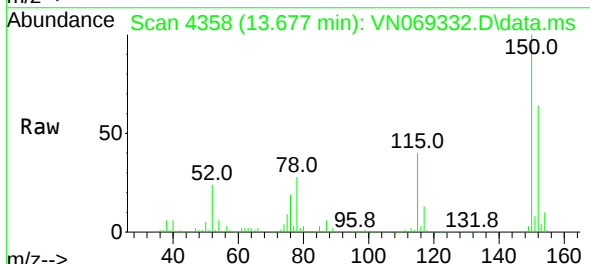
Instrument :
MSVOA_N
ClientSampleId :

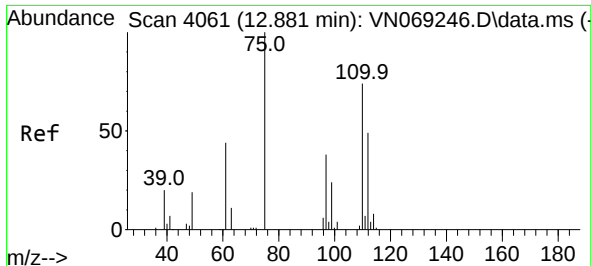
Tgt Ion:173 Resp: 747
Ion Ratio Lower Upper
173 100
175 1756.9 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN069332.D
Acq: 1 Nov 2021 20:24

Tgt Ion:152 Resp: 213816
Ion Ratio Lower Upper
152 100
115 62.7 31.4 94.3
150 158.8 0.0 351.0

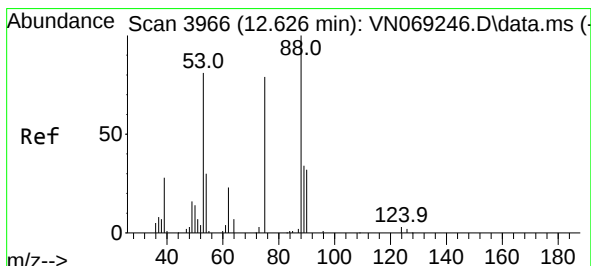
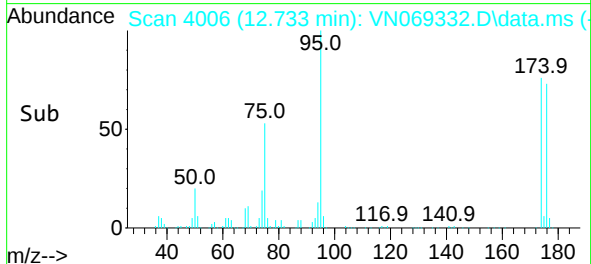
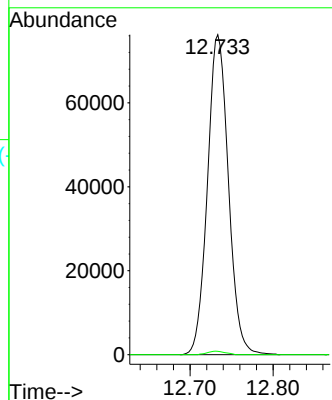
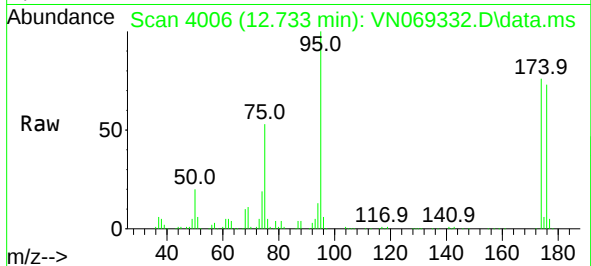




#76
1,2,3-Trichloropropane
Concen: 23.725 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069332.D
Acq: 1 Nov 2021 20:24

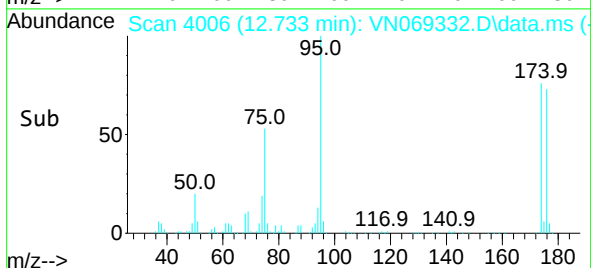
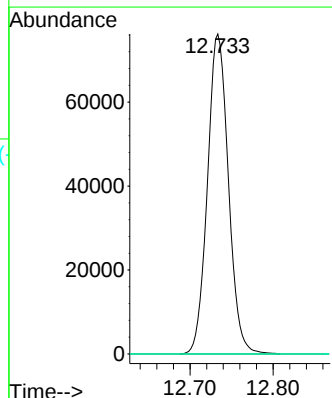
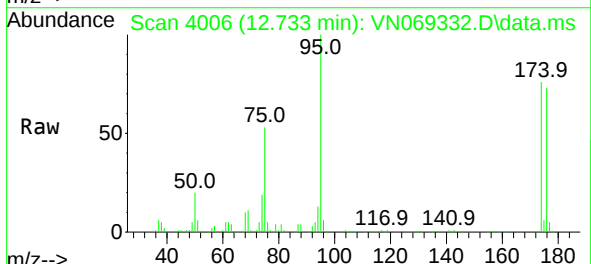
Instrument :
MSVOA_N
ClientSampleId :

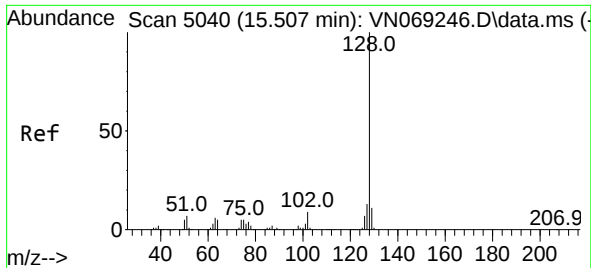
Tgt Ion: 75 Resp: 133421
Ion Ratio Lower Upper
75 100
77 0.9 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.169 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069332.D
Acq: 1 Nov 2021 20:24

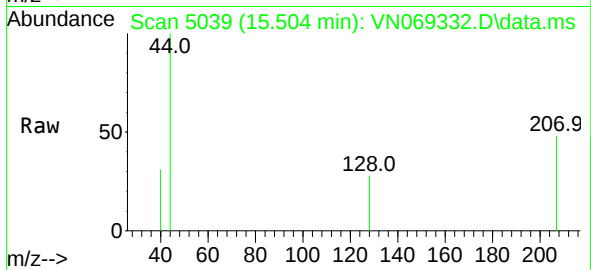
Tgt Ion: 75 Resp: 133421
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 3.326 ug/l
RT: 15.504 min Scan# 50
Delta R.T. -0.003 min
Lab File: VN069332.D
Acq: 1 Nov 2021 20:24

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 204
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

