

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110121\
 Data File : VN069327.D
 Acq On : 1 Nov 2021 18:15
 Operator : JC/MD
 Sample : I.BLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 02 05:50:33 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)

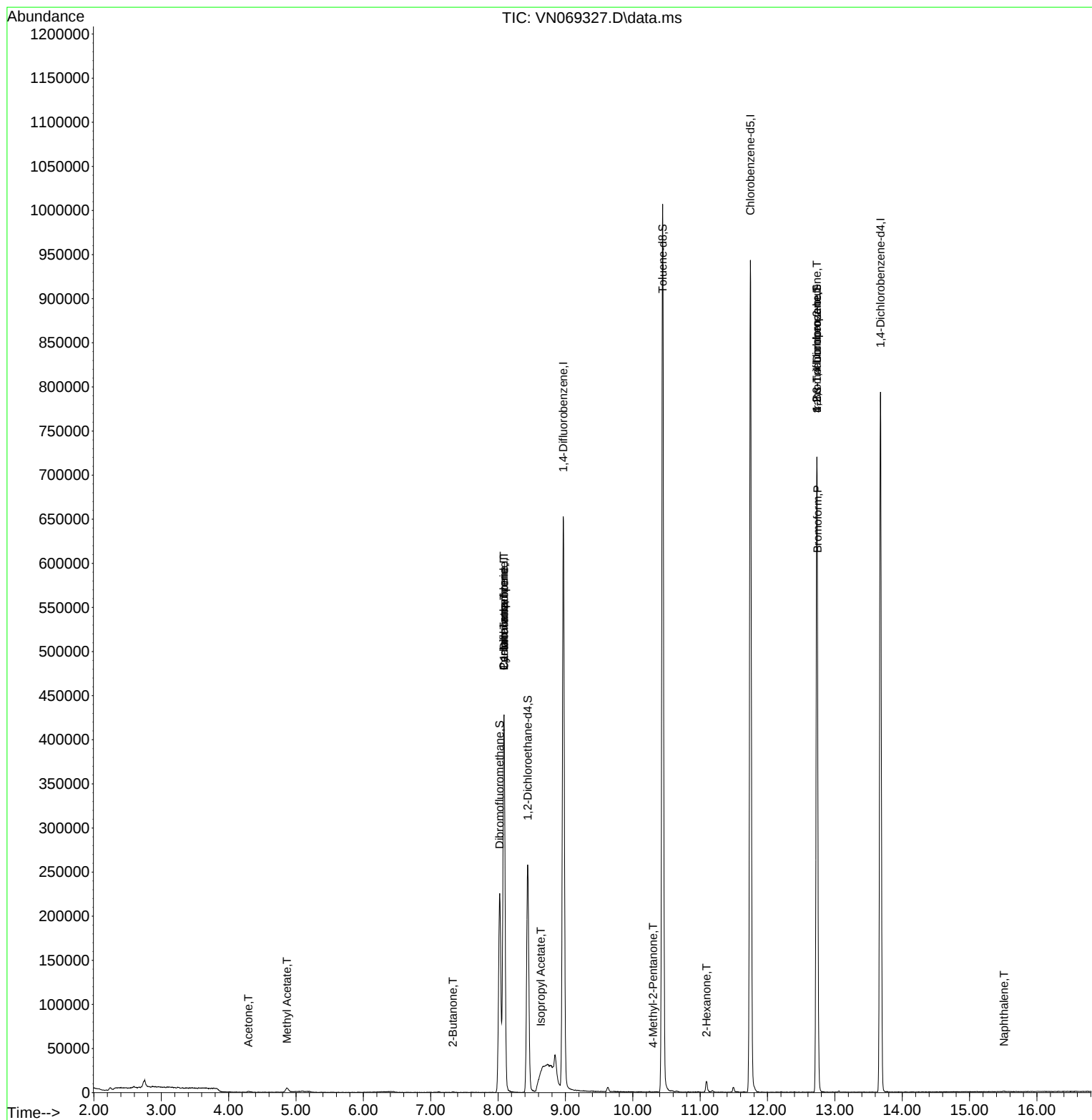
Internal Standards						
1) Pentafluorobenzene	8.088	168	318042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	575128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	555146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	213461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	219911	47.900	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.800%		
35) Dibromofluoromethane	8.024	113	164747	45.953	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.900%		
50) Toluene-d8	10.443	98	711872	49.661	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.320%		
62) 4-Bromofluorobenzene	12.733	95	256715	47.459	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.920%		
Target Compounds			Qvalue			
3) Chloromethane	2.306	50	386	Below Cal	#	42
16) Acetone	4.293	43	1577	0.806	ug/l #	44
18) Methyl Acetate	4.867	43	9924	1.493	ug/l	95
25) 2-Butanone	7.329	43	48	1.650	ug/l #	48
31) Cyclohexane	8.088	56	7516	1.223	ug/l #	2
36) 1,1-Dichloropropene	8.088	75	26344	5.313	ug/l #	46
38) Carbon Tetrachloride	8.088	117	33945	6.907	ug/l #	16
43) Isopropyl Acetate	8.635	43	22457	2.717	ug/l #	55
51) 4-Methyl-2-Pentanone	10.304	43	373	6.459	ug/l #	36
59) 2-Hexanone	11.095	43	2403	8.474	ug/l #	49
71) Bromoform	12.741	173	363	2.973	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	137439	24.480	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	137439	70.204	ug/l #	12
95) Naphthalene	15.512	128	1085	3.403	ug/l #	69

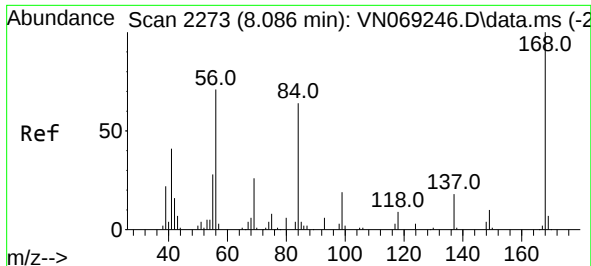
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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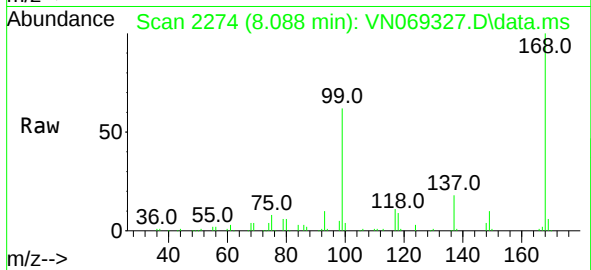
Quant Time: Nov 02 05:50:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 28 16:09:15 2021
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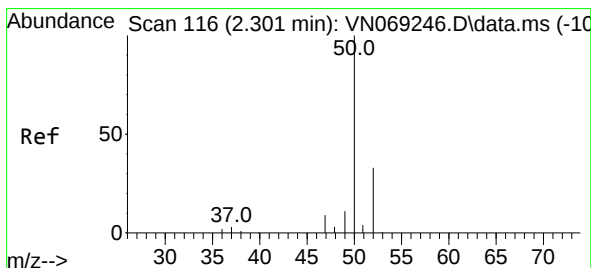
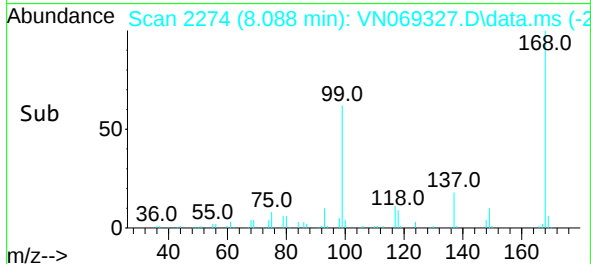
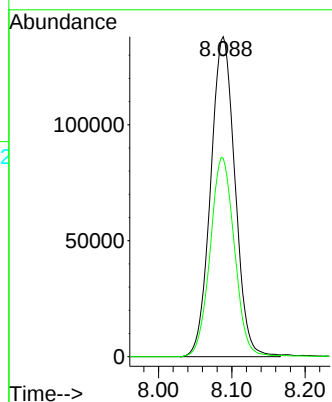


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069327.D
Acq: 1 Nov 2021 18:15

Instrument :
MSVOA_N
ClientSampleId :

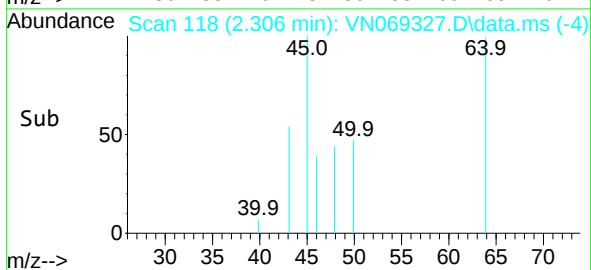
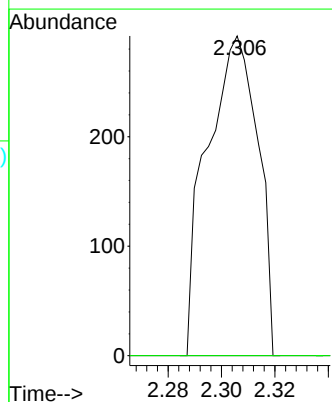
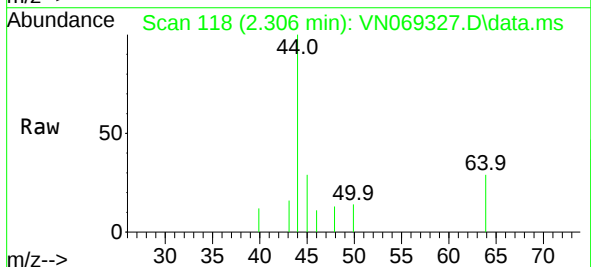


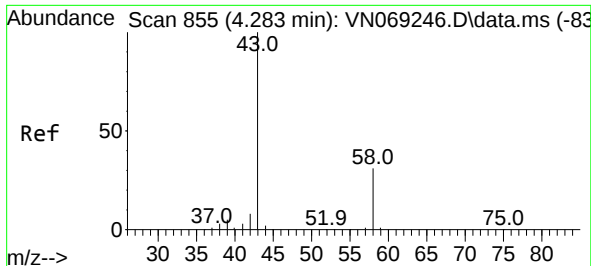
Tgt Ion:168 Resp: 318042
Ion Ratio Lower Upper
168 100
99 62.0 48.9 73.3



#3
Chloromethane
Concen: Below Cal
RT: 2.306 min Scan# 118
Delta R.T. 0.005 min
Lab File: VN069327.D
Acq: 1 Nov 2021 18:15

Tgt Ion: 50 Resp: 386
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

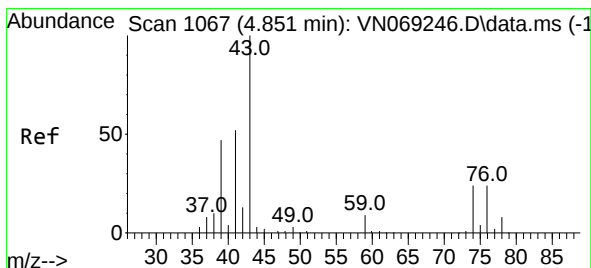
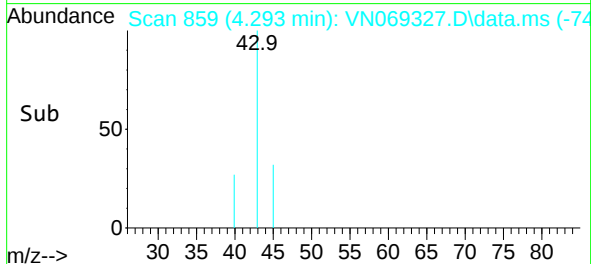
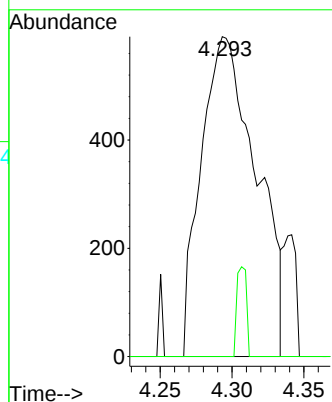
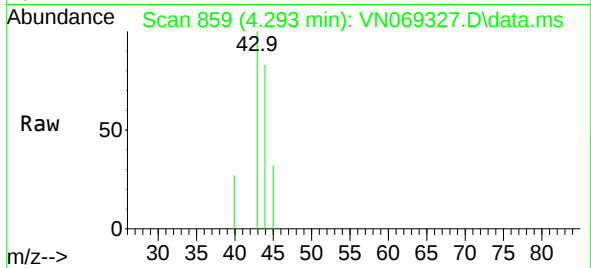




#16
Acetone
Concen: 0.806 ug/l
RT: 4.293 min Scan# 81
Delta R.T. 0.010 min
Lab File: VN069327.D
Acq: 1 Nov 2021 18:15

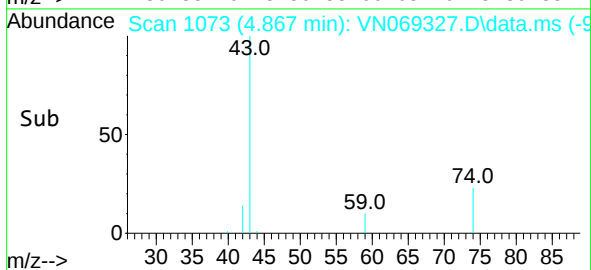
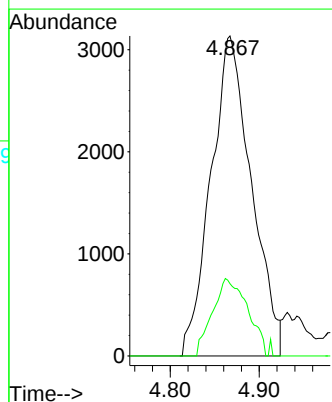
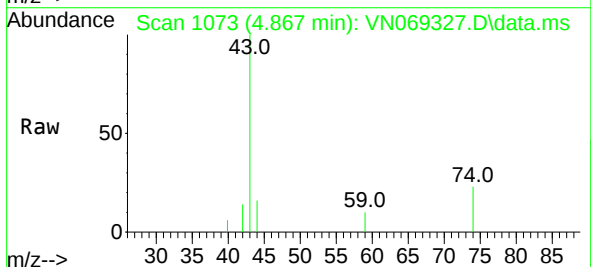
Instrument :
MSVOA_N
ClientSampleId :

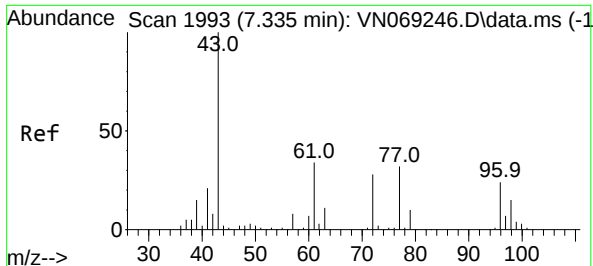
Tgt Ion: 43 Resp: 1577
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#18
Methyl Acetate
Concen: 1.493 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.016 min
Lab File: VN069327.D
Acq: 1 Nov 2021 18:15

Tgt Ion: 43 Resp: 9924
Ion Ratio Lower Upper
43 100
74 20.9 18.9 28.3





#25

2-Butanone

Concen: 1.650 ug/l

RT: 7.329 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VN069327.D

Acq: 1 Nov 2021 18:15

Instrument :

MSVOA_N

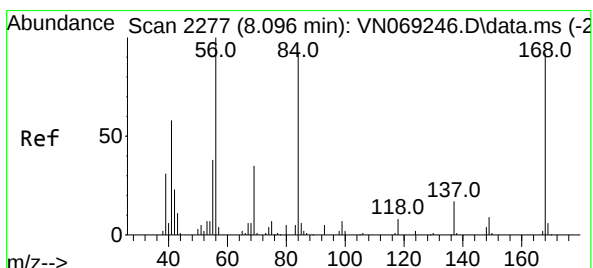
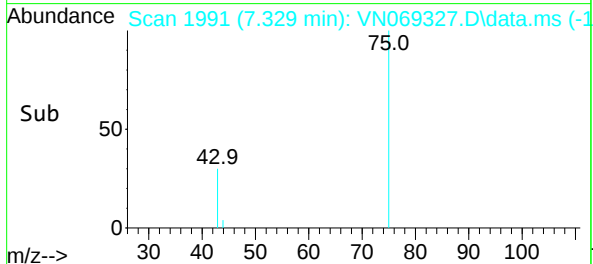
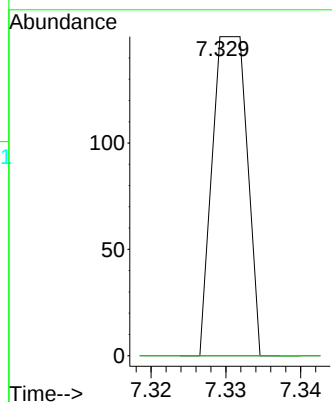
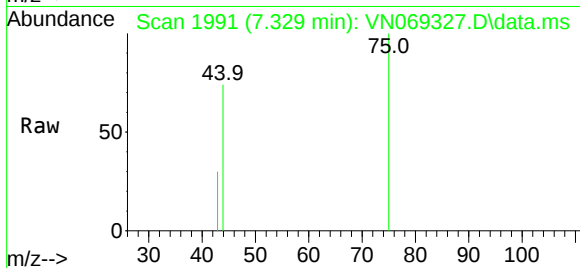
ClientSampleId :

Tgt Ion: 43 Resp: 48

Ion Ratio Lower Upper

43 100

72 0.0 21.2 31.8#



#31

Cyclohexane

Concen: 1.223 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.008 min

Lab File: VN069327.D

Acq: 1 Nov 2021 18:15

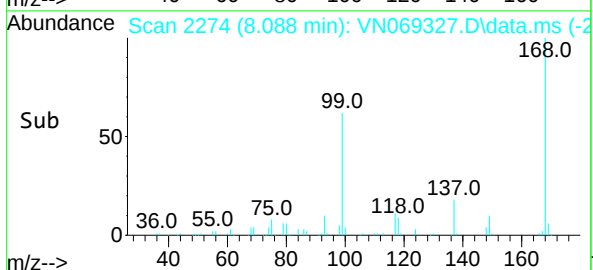
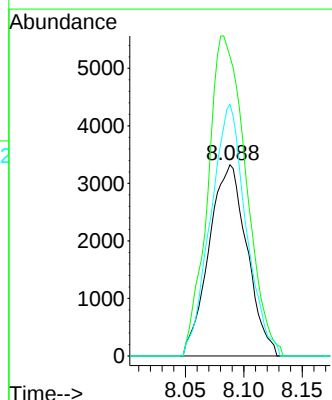
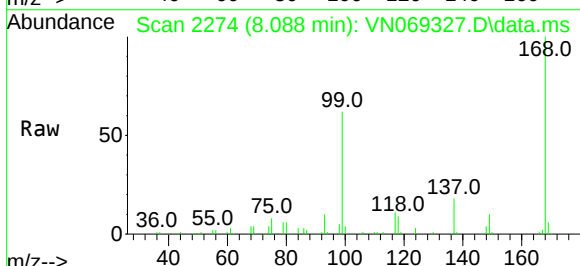
Tgt Ion: 56 Resp: 7516

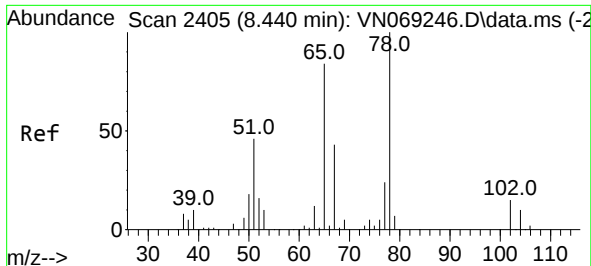
Ion Ratio Lower Upper

56 100

69 156.7 26.9 40.3#

84 131.5 67.6 101.4#





#33

1,2-Dichloroethane-d4

Concen: 47.900 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069327.D

Acq: 1 Nov 2021 18:15

Instrument :

MSVOA_N

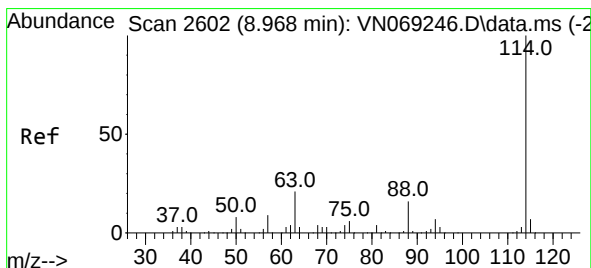
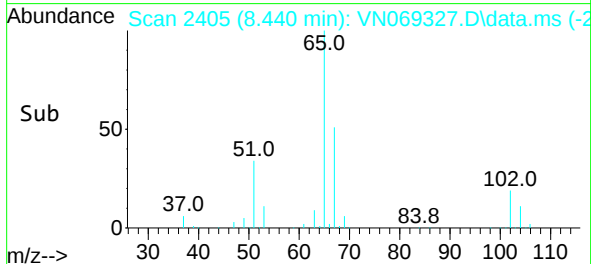
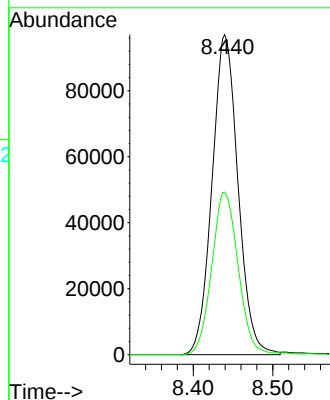
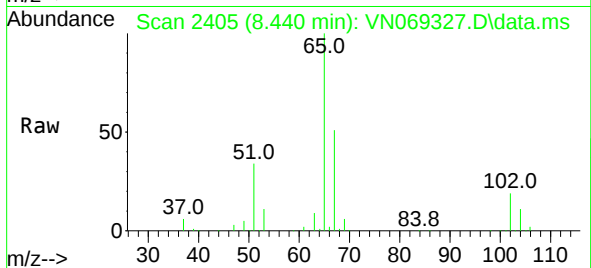
ClientSampleId :

Tgt Ion: 65 Resp: 219911

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069327.D

Acq: 1 Nov 2021 18:15

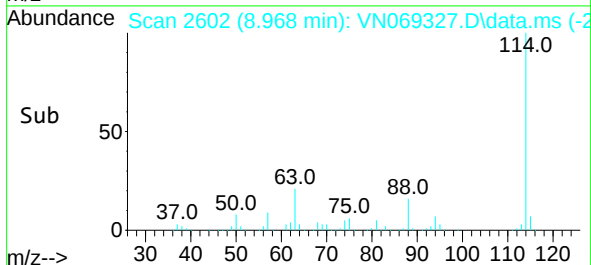
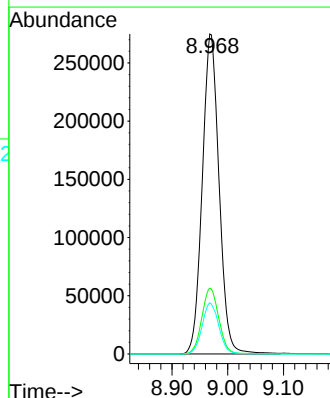
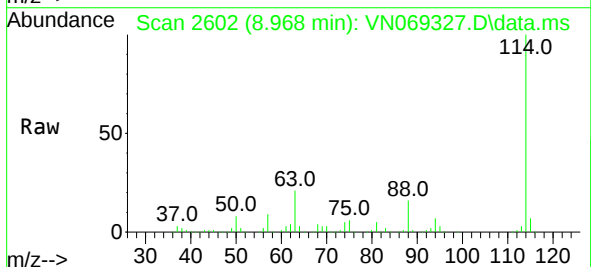
Tgt Ion: 114 Resp: 575128

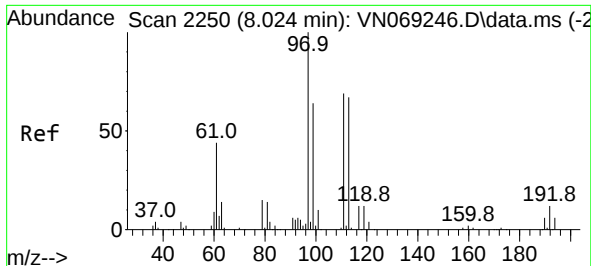
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

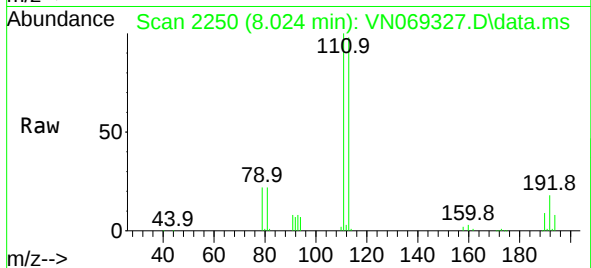
88 16.0 0.0 32.0



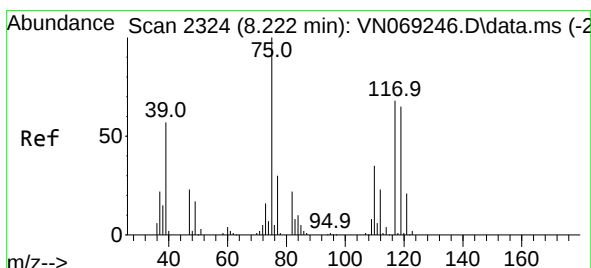
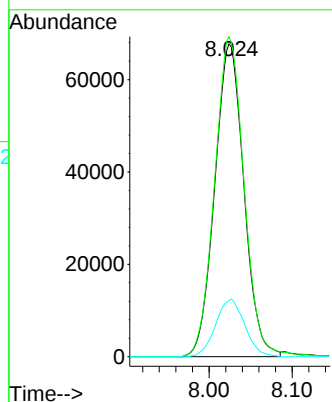
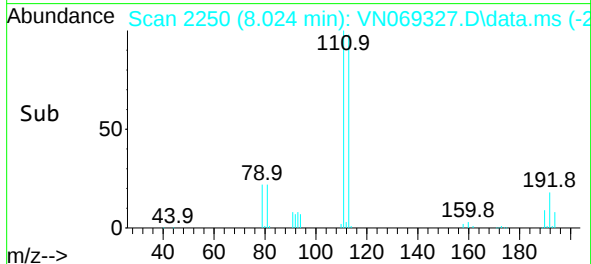


#35
Dibromofluoromethane
Concen: 45.953 ug/l
RT: 8.024 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069327.D
Acq: 1 Nov 2021 18:15

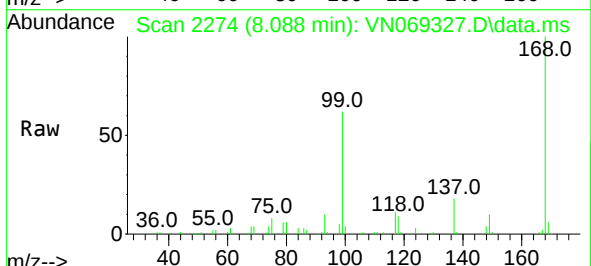
Instrument :
MSVOA_N
ClientSampleId :



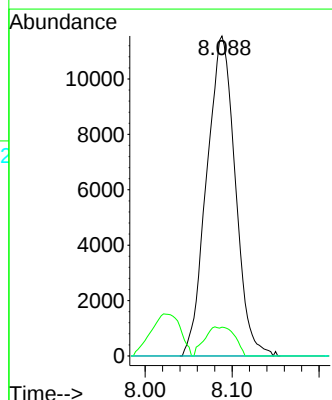
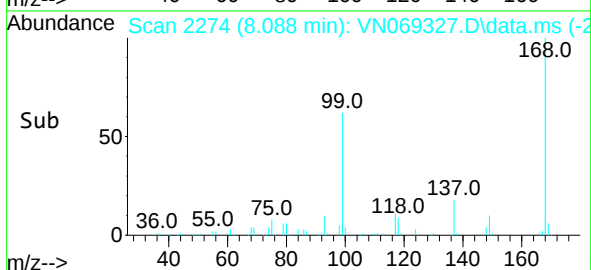
Tgt Ion:113 Resp: 164747
Ion Ratio Lower Upper
113 100
111 104.0 83.2 124.8
192 18.4 15.0 22.4

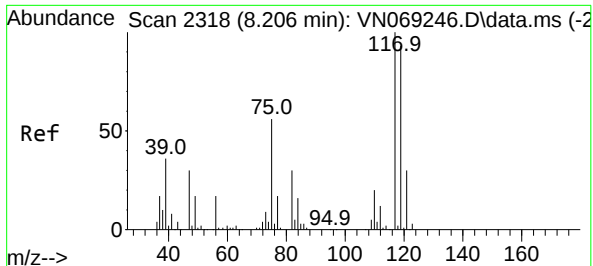


#36
1,1-Dichloropropene
Concen: 5.313 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069327.D
Acq: 1 Nov 2021 18:15



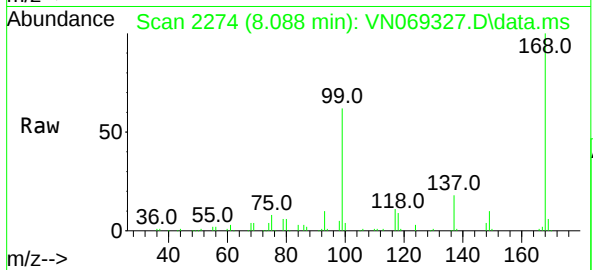
Tgt Ion: 75 Resp: 26344
Ion Ratio Lower Upper
75 100
110 5.0 17.9 53.8#
77 0.0 24.7 37.1#



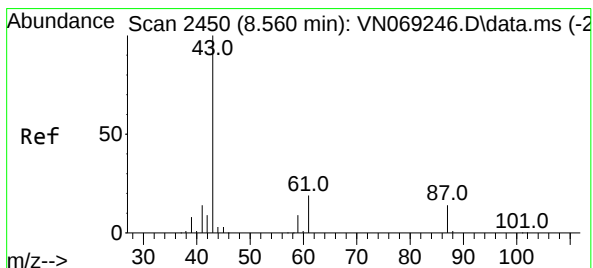
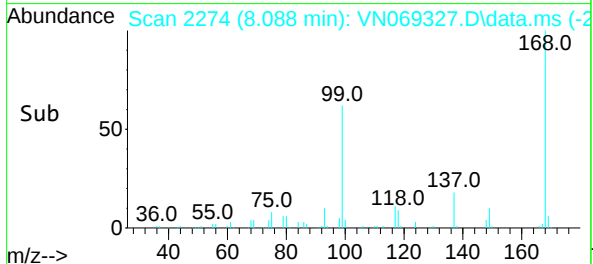
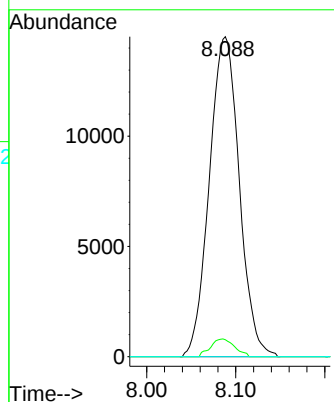


#38
Carbon Tetrachloride
Concen: 6.907 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.118 min
Lab File: VN069327.D
Acq: 1 Nov 2021 18:15

Instrument :
MSVOA_N
ClientSampleId :

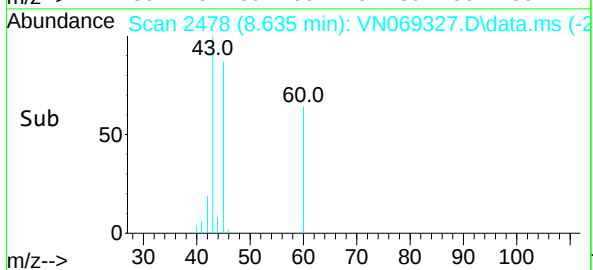
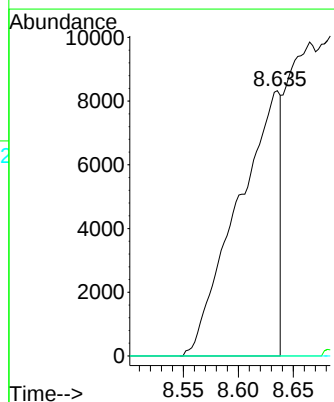
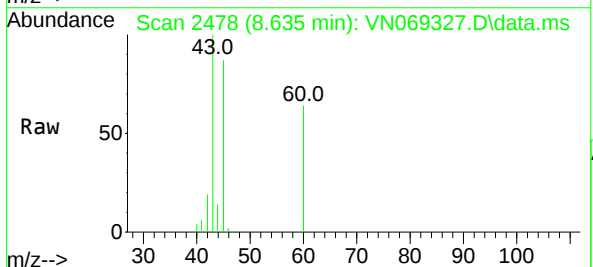


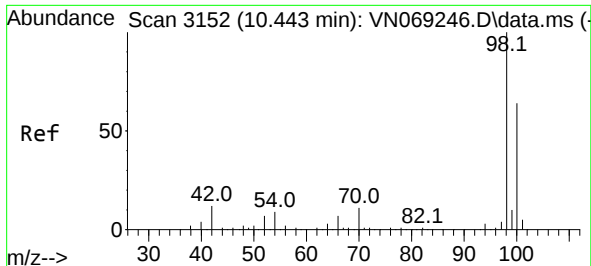
Tgt Ion:117 Resp: 33945
Ion Ratio Lower Upper
117 100
119 5.3 76.9 115.3#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 2.717 ug/l
RT: 8.635 min Scan# 2478
Delta R.T. 0.075 min
Lab File: VN069327.D
Acq: 1 Nov 2021 18:15

Tgt Ion: 43 Resp: 22457
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

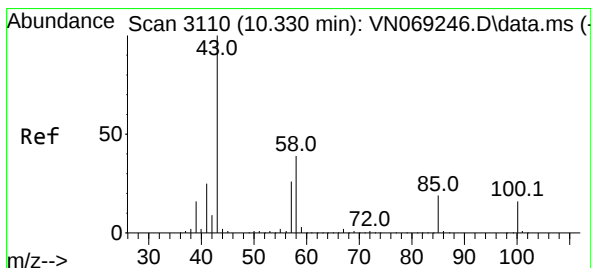
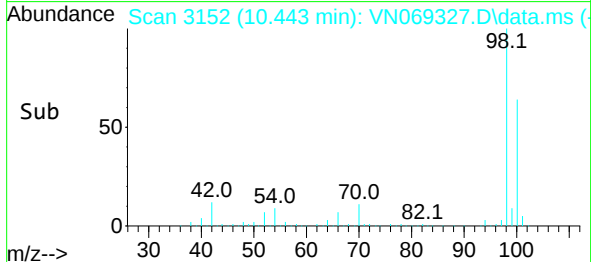
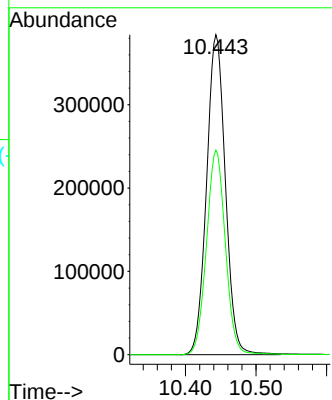
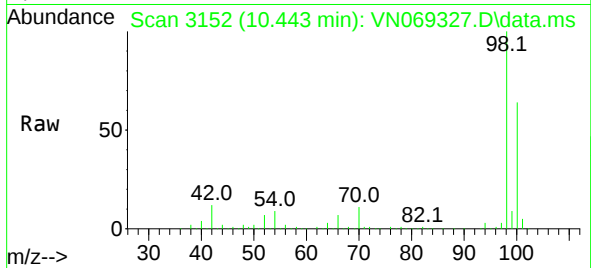




#50
Toluene-d8
Concen: 49.661 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069327.D
Acq: 1 Nov 2021 18:15

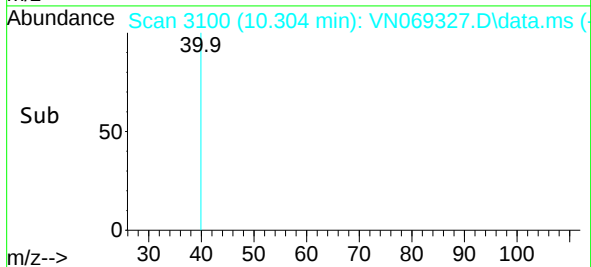
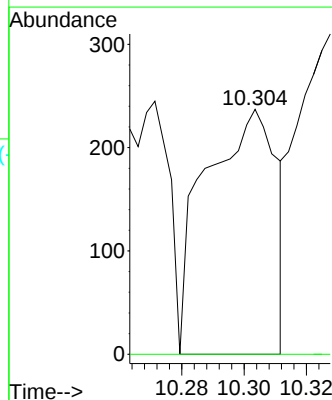
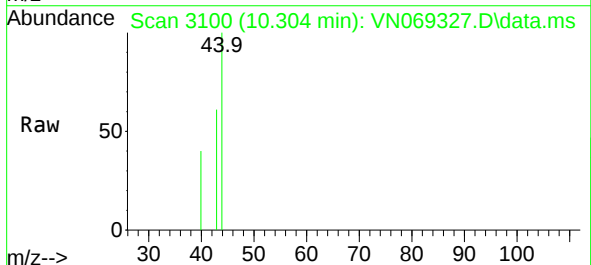
Instrument :
MSVOA_N
ClientSampleId :

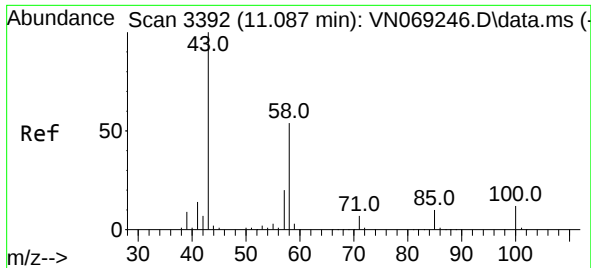
Tgt Ion: 98 Resp: 711872
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 6.459 ug/l
RT: 10.304 min Scan# 3100
Delta R.T. -0.026 min
Lab File: VN069327.D
Acq: 1 Nov 2021 18:15

Tgt Ion: 43 Resp: 373
Ion Ratio Lower Upper
43 100
58 0.0 31.0 46.4#

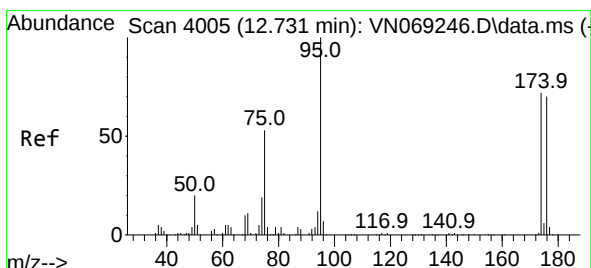
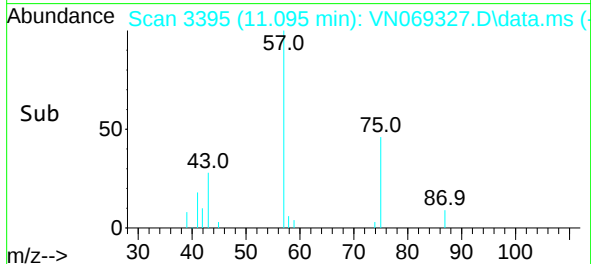
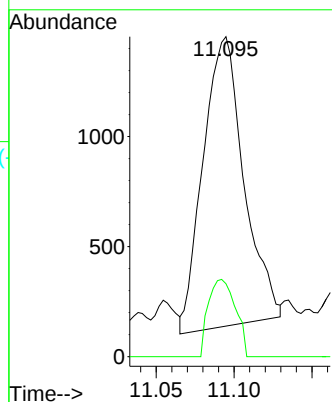
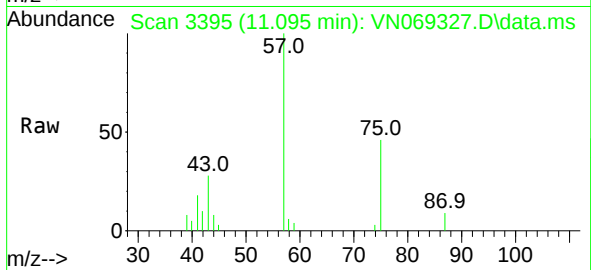




#59
2-Hexanone
Concen: 8.474 ug/l
RT: 11.095 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN069327.D
Acq: 1 Nov 2021 18:15

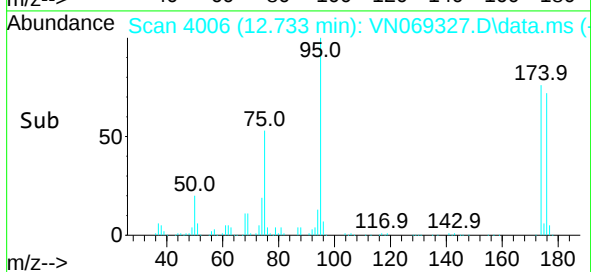
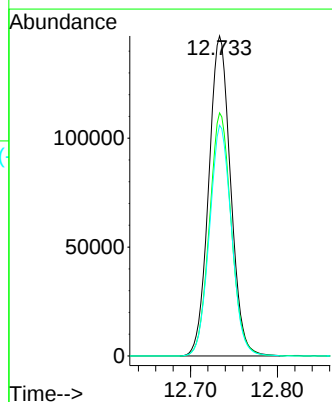
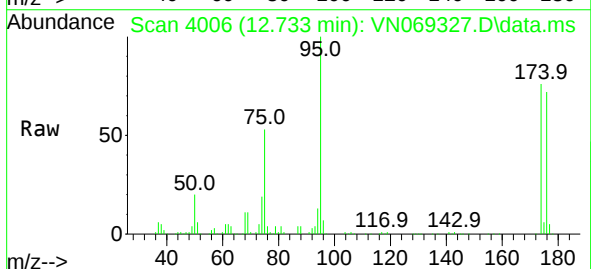
Instrument :
MSVOA_N
ClientSampleId :

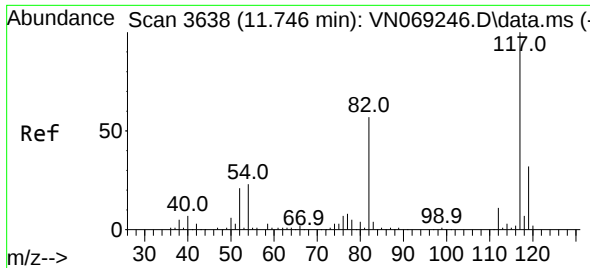
Tgt Ion: 43 Resp: 2403
Ion Ratio Lower Upper
43 100
58 17.7 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 47.459 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069327.D
Acq: 1 Nov 2021 18:15

Tgt Ion: 95 Resp: 256715
Ion Ratio Lower Upper
95 100
174 76.1 0.0 144.8
176 72.6 0.0 140.0

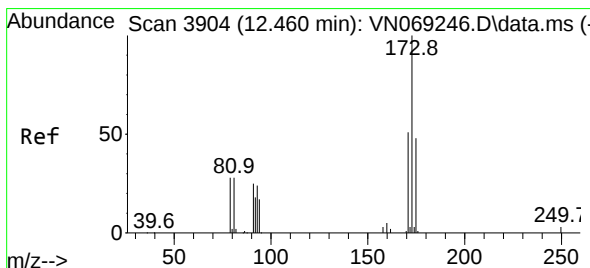
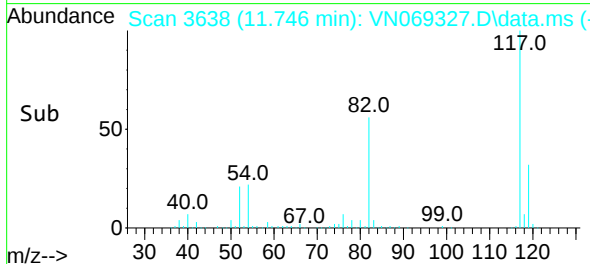
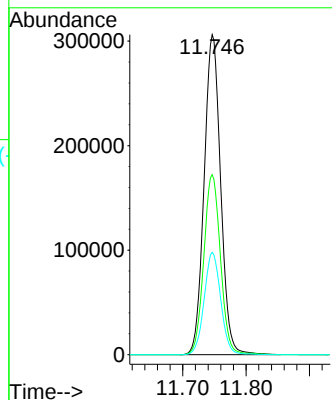
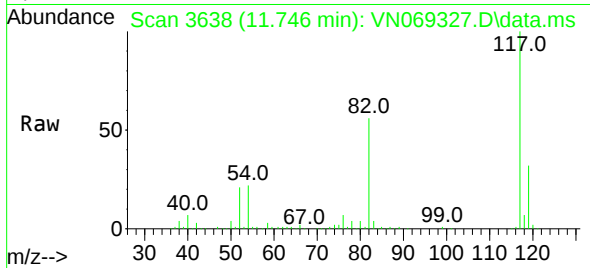




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN069327.D
Acq: 1 Nov 2021 18:15

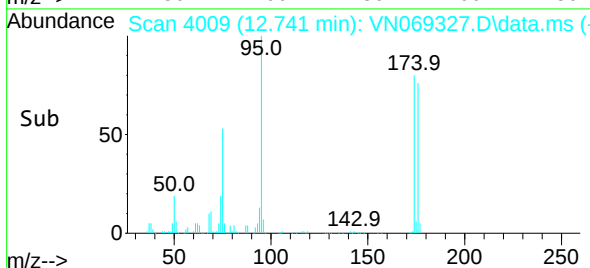
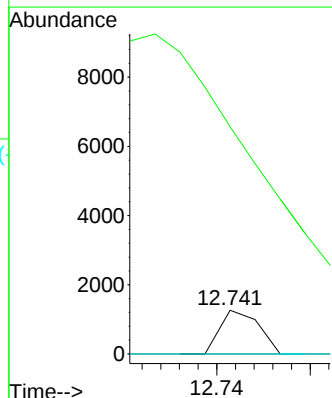
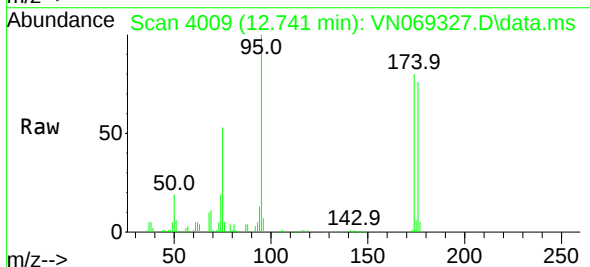
Instrument :
MSVOA_N
ClientSampleId :

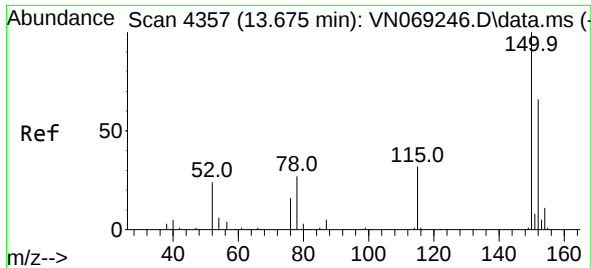
Tgt Ion:117 Resp: 555146
Ion Ratio Lower Upper
117 100
82 56.3 46.4 69.6
119 32.0 26.0 39.0



#71
Bromoform
Concen: 2.973 ug/l
RT: 12.741 min Scan# 4009
Delta R.T. 0.281 min
Lab File: VN069327.D
Acq: 1 Nov 2021 18:15

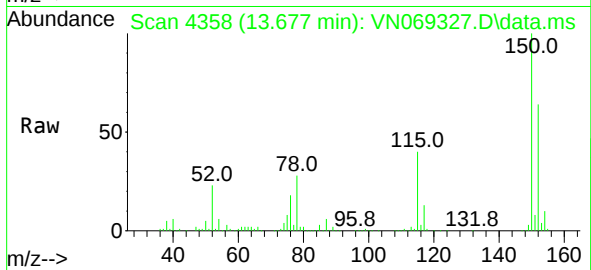
Tgt Ion:173 Resp: 363
Ion Ratio Lower Upper
173 100
175 3847.9 23.8 71.5#
254 0.0 0.0 0.0



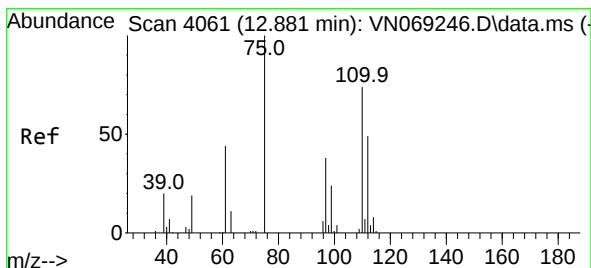
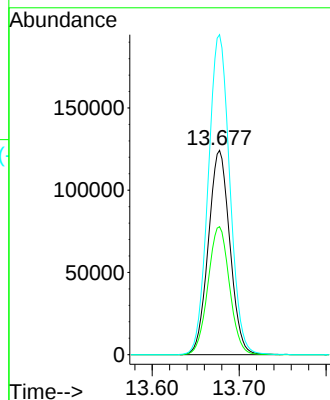
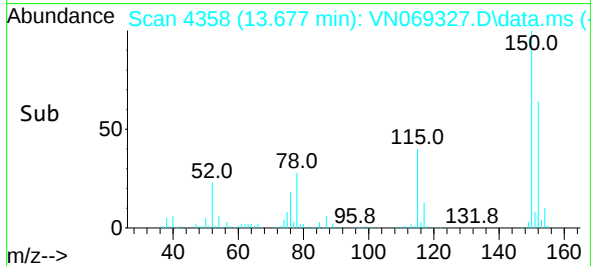


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 41
 Delta R.T. 0.002 min
 Lab File: VN069327.D
 Acq: 1 Nov 2021 18:15

Instrument :
 MSVOA_N
 ClientSampleId :

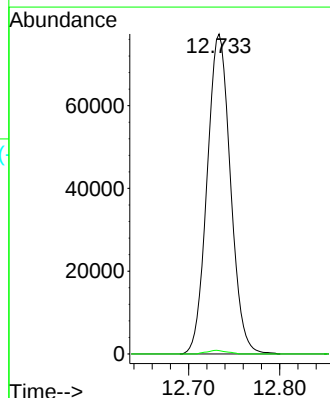
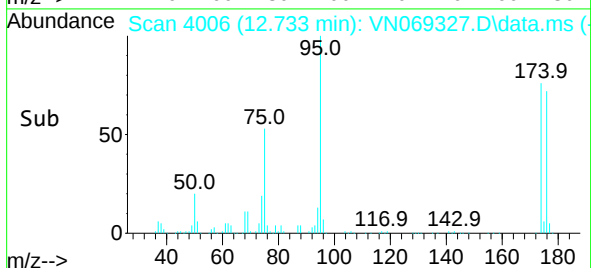
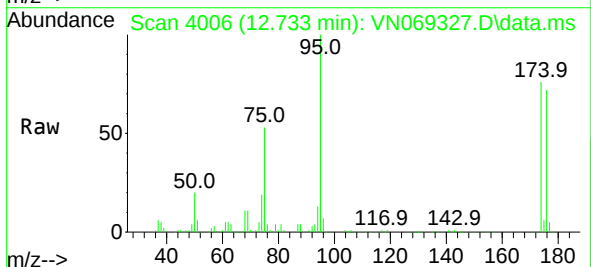


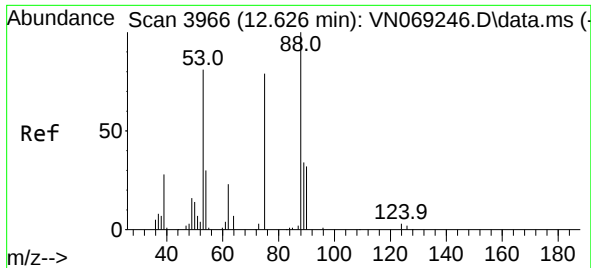
Tgt Ion:152 Resp: 213461
 Ion Ratio Lower Upper
 152 100
 115 62.8 31.4 94.3
 150 157.2 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 24.480 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.148 min
 Lab File: VN069327.D
 Acq: 1 Nov 2021 18:15

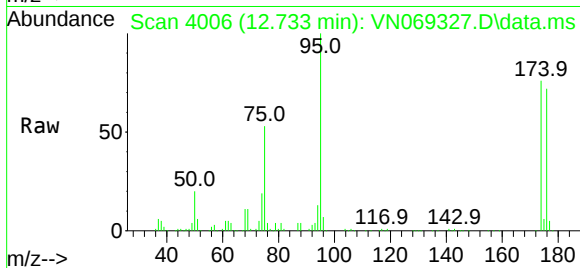
Tgt Ion: 75 Resp: 137439
 Ion Ratio Lower Upper
 75 100
 77 1.0 96.2 288.4#



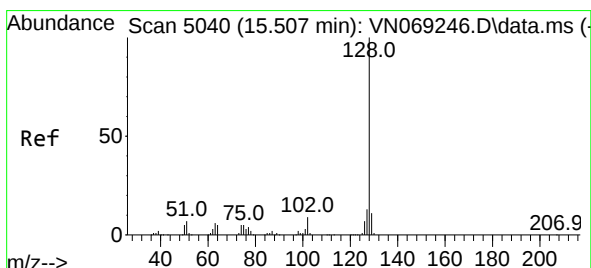
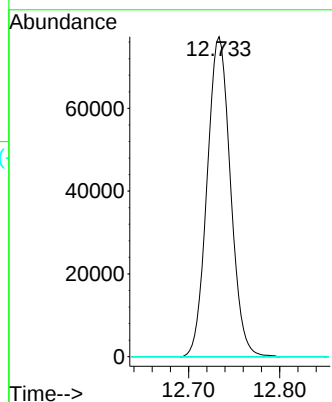
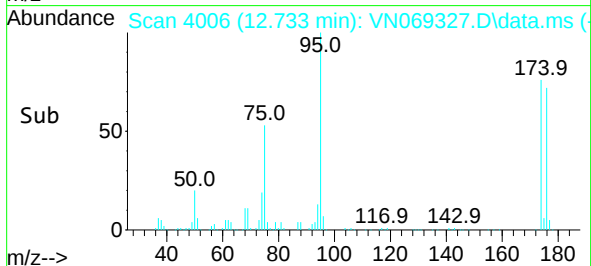


#81
trans-1,4-Dichloro-2-butene
Concen: 70.204 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069327.D
Acq: 1 Nov 2021 18:15

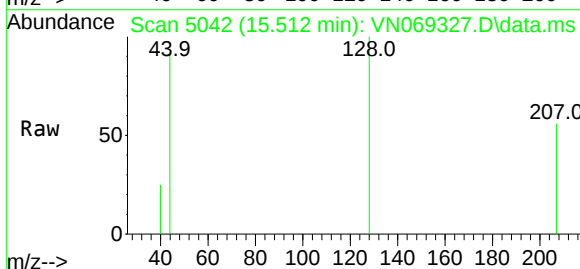
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 137439
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 3.403 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN069327.D
Acq: 1 Nov 2021 18:15



Tgt Ion:128 Resp: 1085
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

