

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102921\
 Data File : VN069299.D
 Acq On : 29 Oct 2021 14:21
 Operator : JC/MD
 Sample : M4390-02 200X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 30 05:41:35 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	296899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	524707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	519446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	195706	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	202366	47.217	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.440%
35) Dibromofluoromethane	8.024	113	153534	46.940	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.880%
50) Toluene-d8	10.443	98	656727	50.217	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.440%
62) 4-Bromofluorobenzene	12.733	95	238722	48.374	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.740%

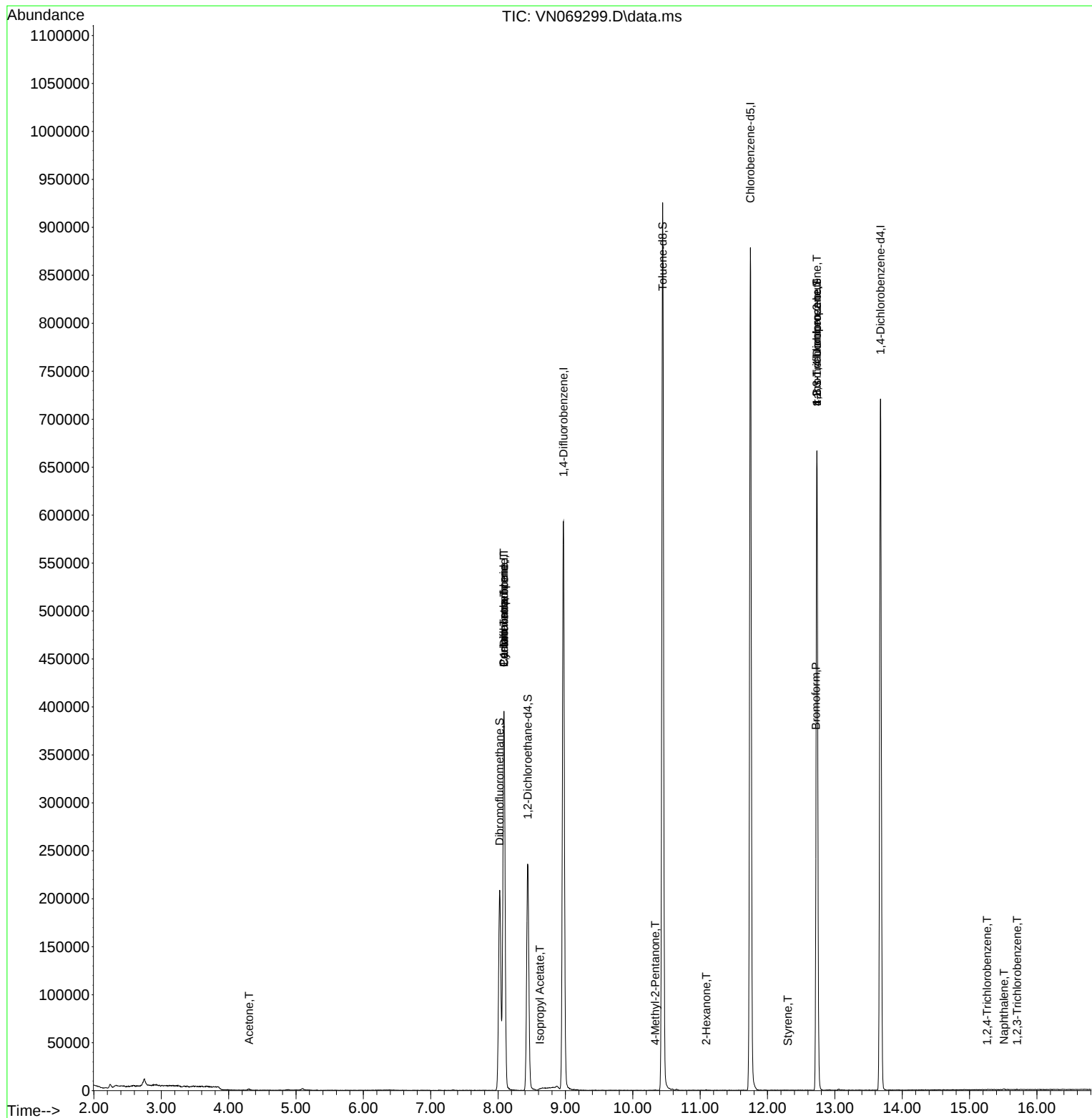
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.303	50	354	Below Cal	#	42
16) Acetone	4.301	43	1287	0.705	ug/l #	85
31) Cyclohexane	8.086	56	7238	1.262	ug/l #	13
36) 1,1-Dichloropropene	8.086	75	24605	5.439	ug/l #	50
38) Carbon Tetrachloride	8.086	117	31300	6.970	ug/l #	16
43) Isopropyl Acetate	8.622	43	820	0.549	ug/l #	55
51) 4-Methyl-2-Pentanone	10.333	43	190	6.434	ug/l #	36
59) 2-Hexanone	11.092	43	363	8.079	ug/l #	25
70) Styrene	12.302	104	24	1.458	ug/l #	24
71) Bromoform	12.720	173	277	2.954	ug/l #	29
76) 1,2,3-Trichloropropane	12.733	75	126066	24.492	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	126066	70.235	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.263	180	293	2.575	ug/l #	34
95) Naphthalene	15.512	128	1161	3.419	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.705	180	74	2.230	ug/l #	71

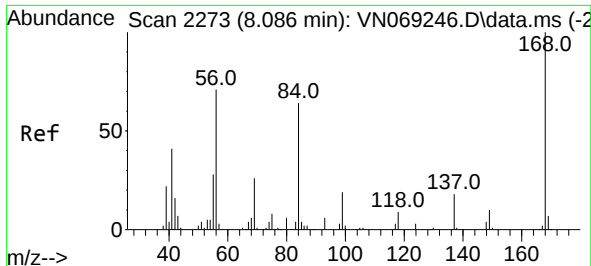
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00mL/MSVOA_N/WATER
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MSVOA_N
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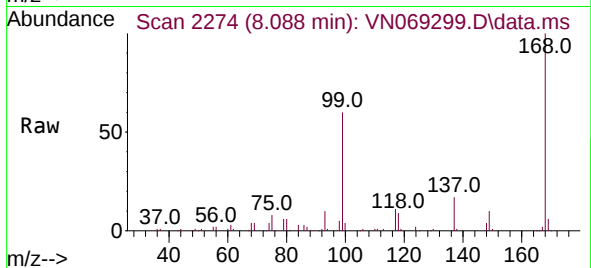
Quant Time: Oct 30 05:41:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 28 16:09:15 2021
Response via : Initial Calibration



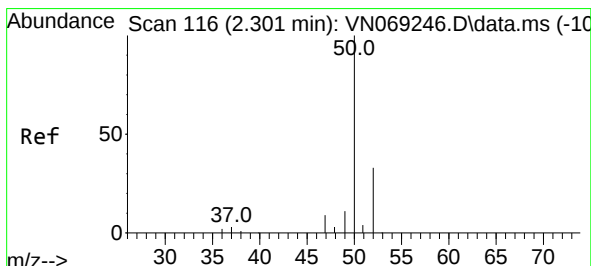
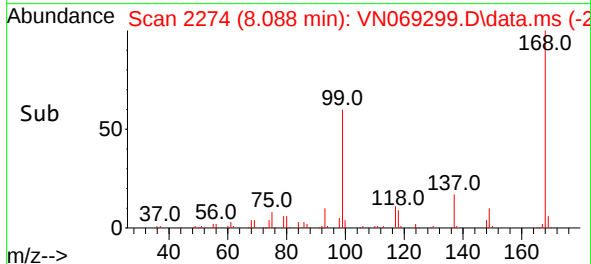
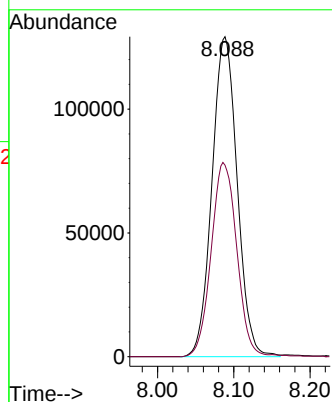


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069299.D
Acq: 29 Oct 2021 14:21

Instrument :
MSVOA_N
ClientSampleId :

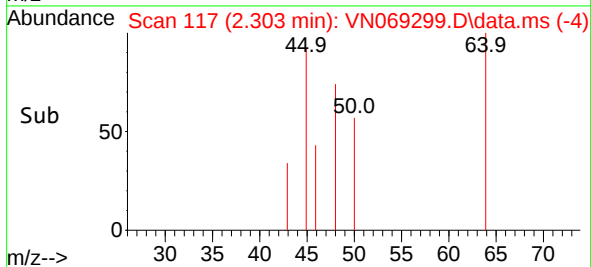
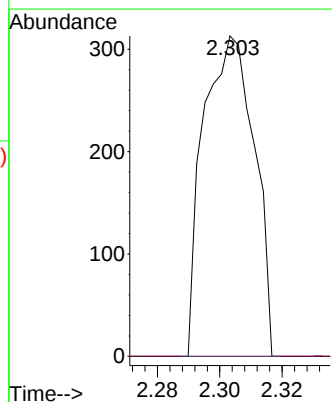
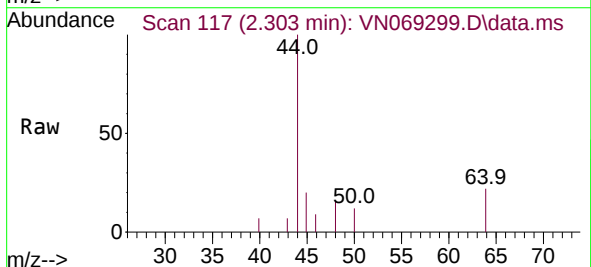


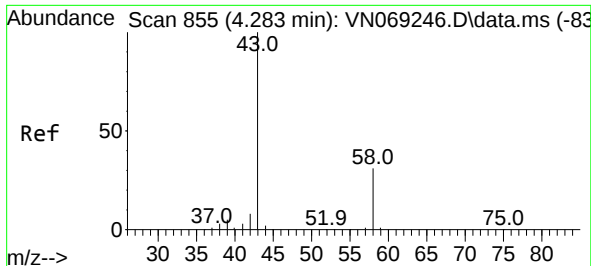
Tgt Ion:168 Resp: 296899
Ion Ratio Lower Upper
168 100
99 59.8 48.9 73.3



#3
Chloromethane
Concen: Below Cal
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN069299.D
Acq: 29 Oct 2021 14:21

Tgt Ion: 50 Resp: 354
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

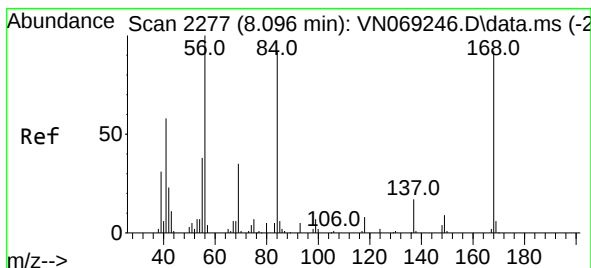
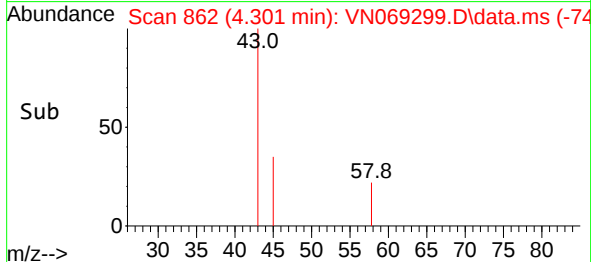
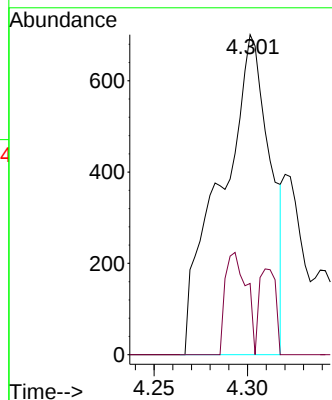
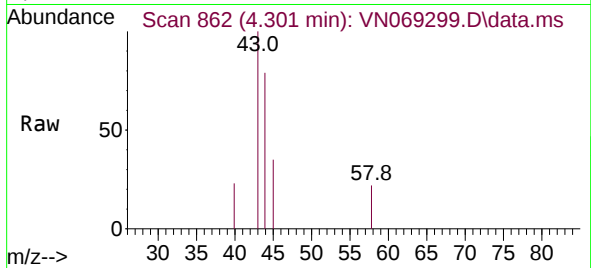




#16
Acetone
Concen: 0.705 ug/l
RT: 4.301 min Scan# 80
Delta R.T. 0.018 min
Lab File: VN069299.D
Acq: 29 Oct 2021 14:21

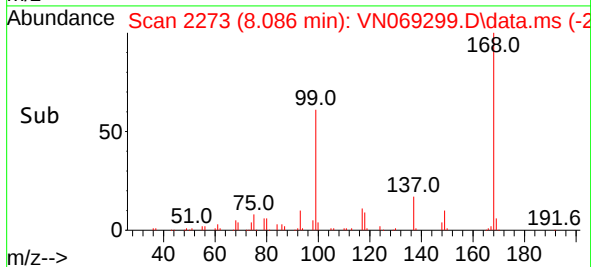
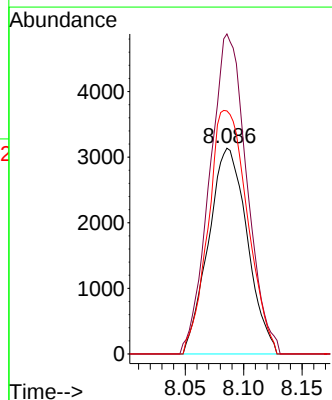
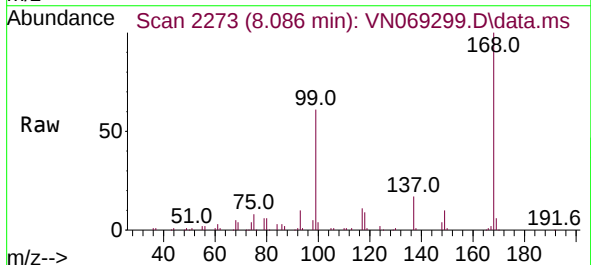
Instrument :
MSVOA_N
ClientSampleId :

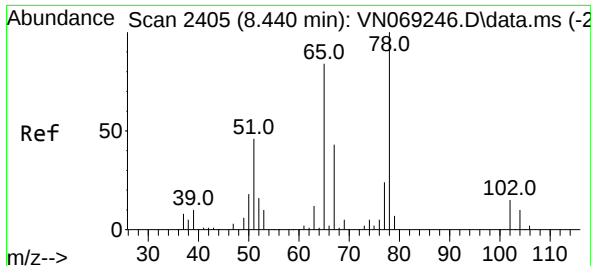
Tgt Ion: 43 Resp: 1287
Ion Ratio Lower Upper
43 100
58 22.3 24.5 36.7#



#31
Cyclohexane
Concen: 1.262 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN069299.D
Acq: 29 Oct 2021 14:21

Tgt Ion: 56 Resp: 7238
Ion Ratio Lower Upper
56 100
69 155.5 26.9 40.3#
84 118.1 67.6 101.4#

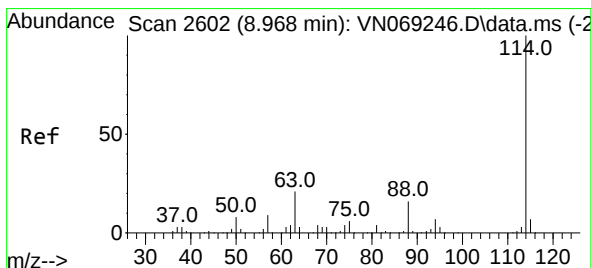
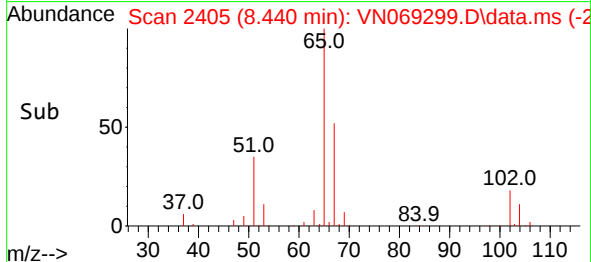
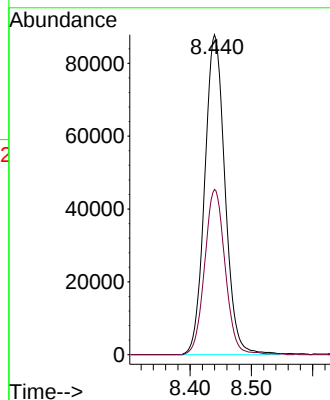
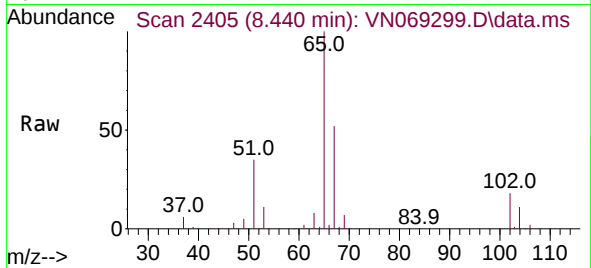




#33
 1,2-Dichloroethane-d4
 Concen: 47.217 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069299.D
 Acq: 29 Oct 2021 14:21

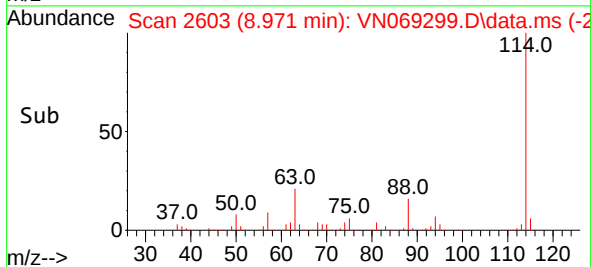
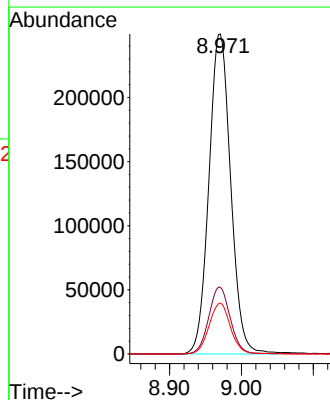
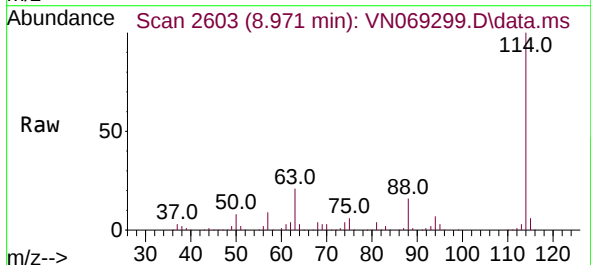
Instrument :
 MSVOA_N
 ClientSampleId :

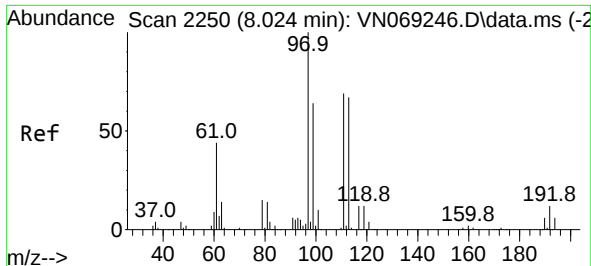
Tgt Ion: 65 Resp: 202366
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069299.D
 Acq: 29 Oct 2021 14:21

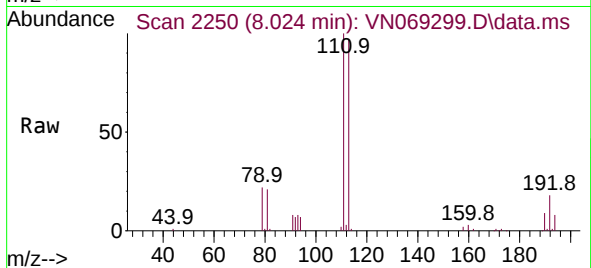
Tgt Ion: 114 Resp: 524707
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.6
 88 15.9 0.0 32.0



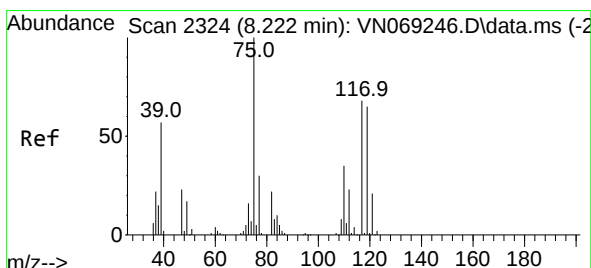
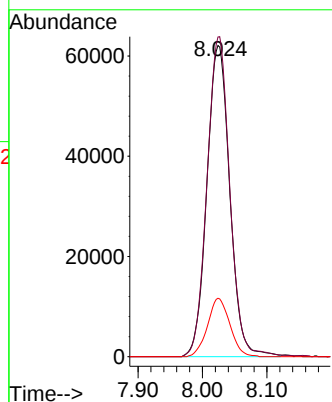
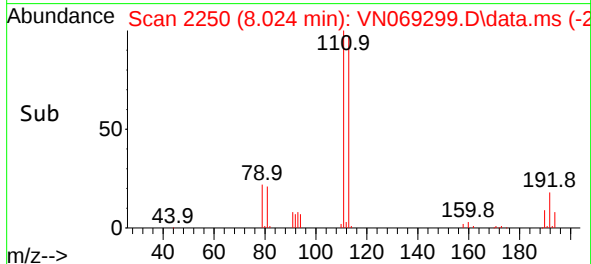


#35
Dibromofluoromethane
Concen: 46.940 ug/l
RT: 8.024 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069299.D
Acq: 29 Oct 2021 14:21

Instrument :
MSVOA_N
ClientSampleId :

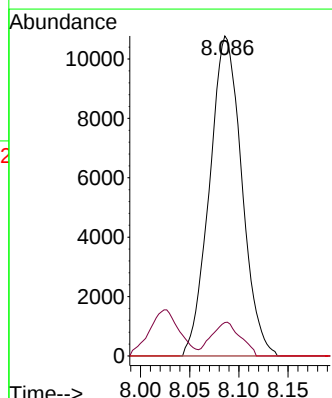
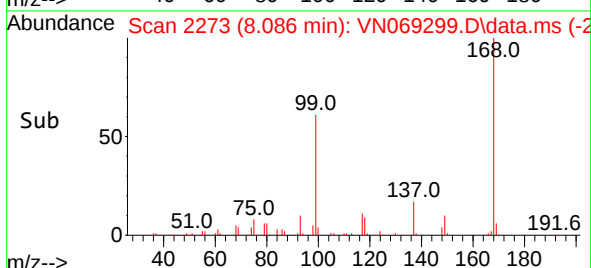
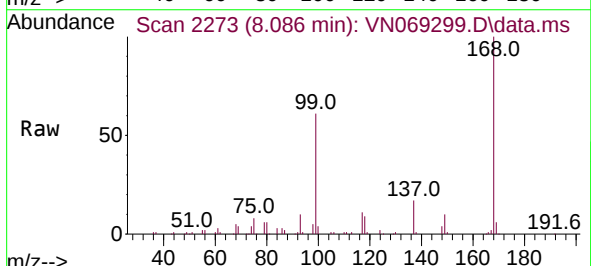


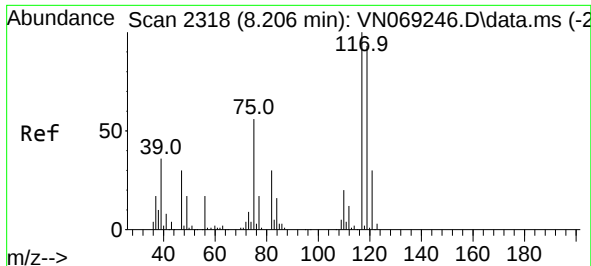
Tgt Ion:113 Resp: 153534
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 18.4 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.439 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN069299.D
Acq: 29 Oct 2021 14:21

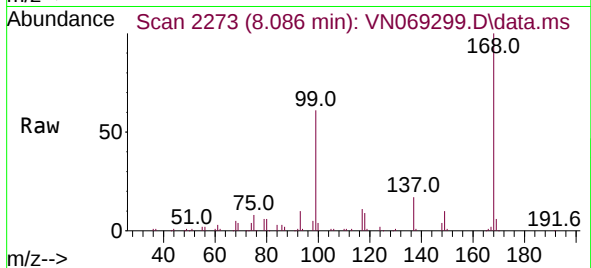
Tgt Ion: 75 Resp: 24605
Ion Ratio Lower Upper
75 100
110 9.5 17.9 53.8#
77 0.0 24.7 37.1#



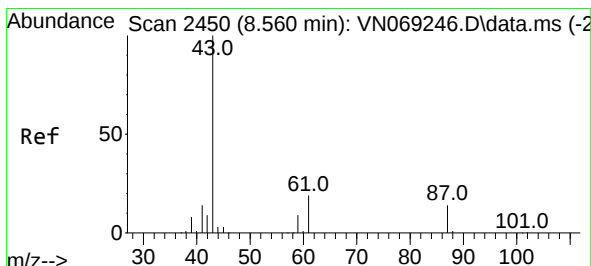
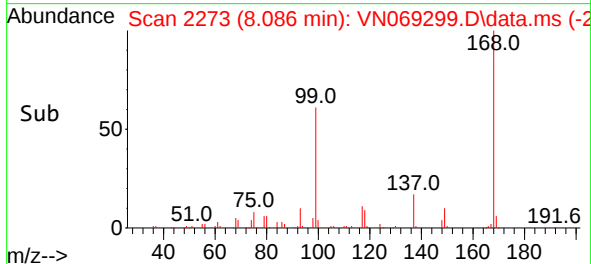
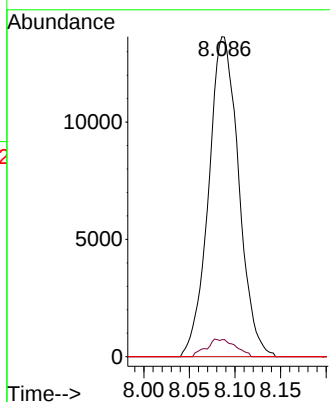


#38
Carbon Tetrachloride
Concen: 6.970 ug/l
RT: 8.086 min Scan# 2117
Delta R.T. -0.120 min
Lab File: VN069299.D
Acq: 29 Oct 2021 14:21

Instrument :
MSVOA_N
ClientSampleId :

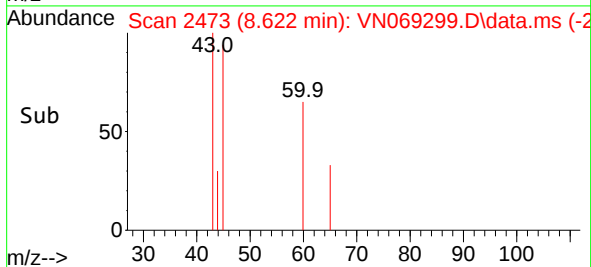
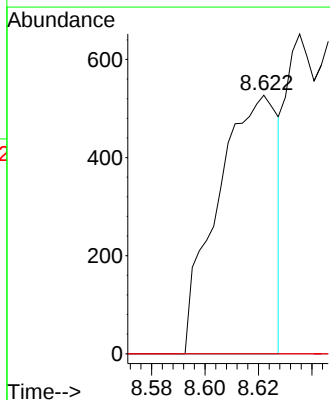
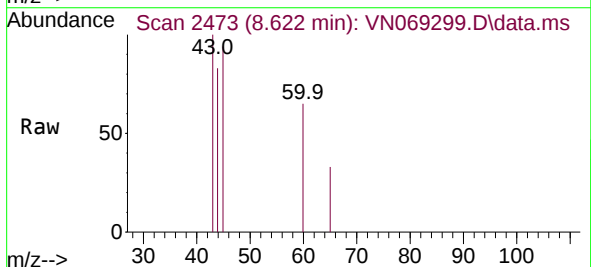


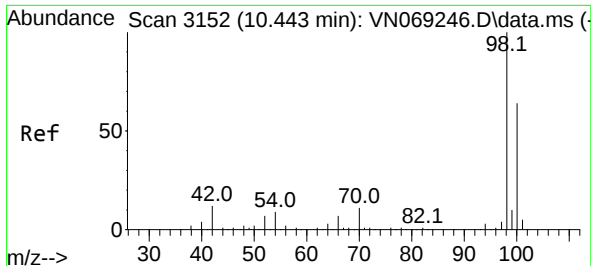
Tgt Ion:117 Resp: 31300
Ion Ratio Lower Upper
117 100
119 5.3 76.9 115.3#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.549 ug/l
RT: 8.622 min Scan# 2473
Delta R.T. 0.062 min
Lab File: VN069299.D
Acq: 29 Oct 2021 14:21

Tgt Ion: 43 Resp: 820
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

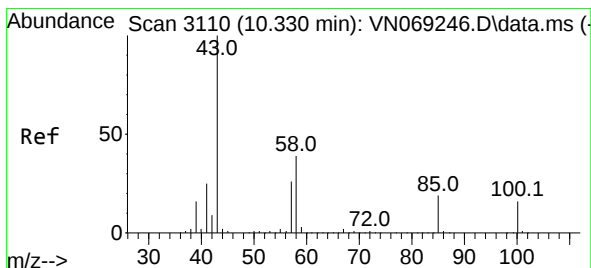
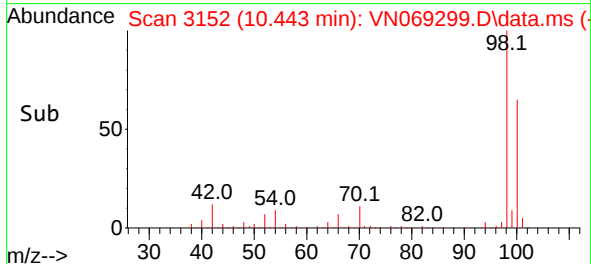
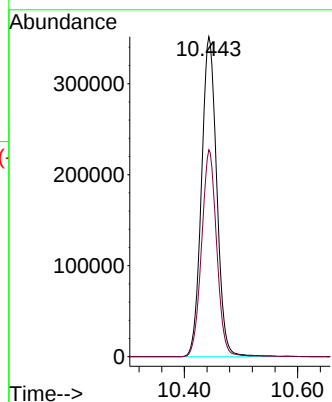
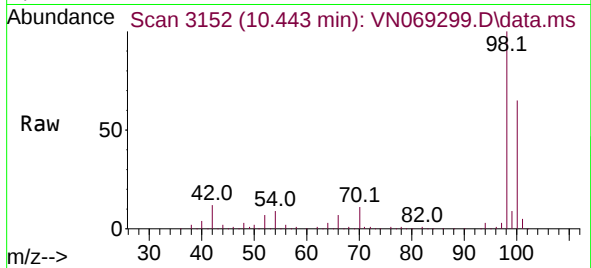




#50
Toluene-d8
Concen: 50.217 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069299.D
Acq: 29 Oct 2021 14:21

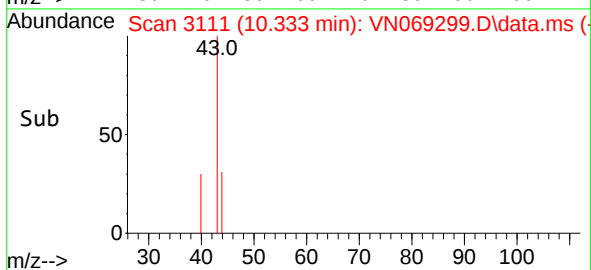
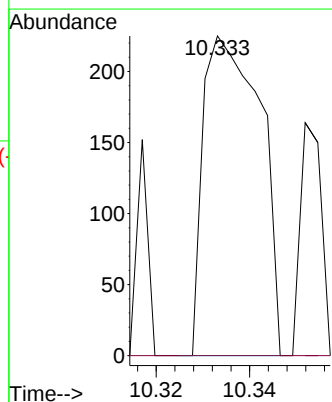
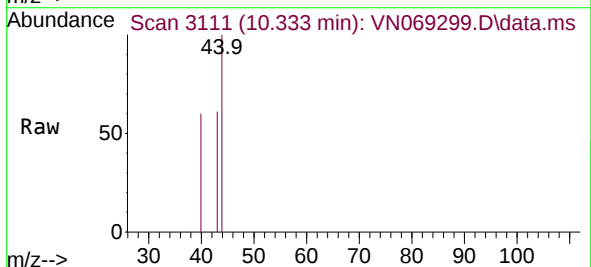
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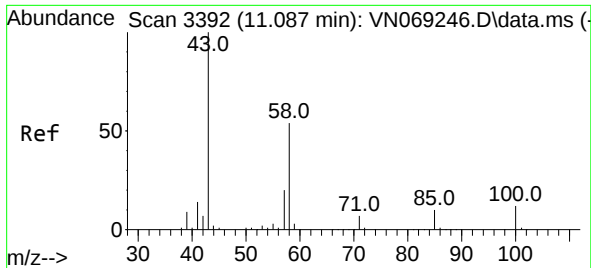
Tgt Ion: 98 Resp: 656727
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 6.434 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN069299.D
Acq: 29 Oct 2021 14:21

Tgt Ion: 43 Resp: 190
Ion Ratio Lower Upper
43 100
58 0.0 31.0 46.4#

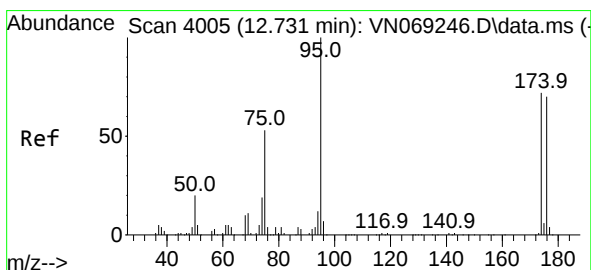
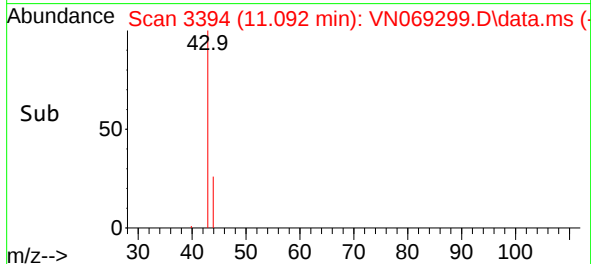
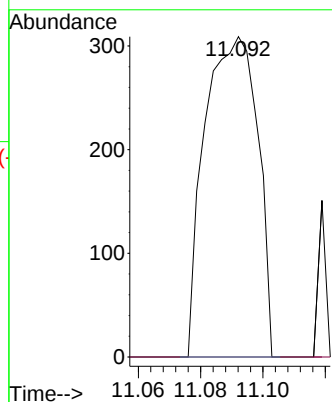
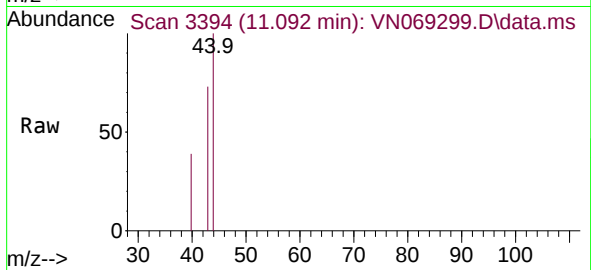




#59
2-Hexanone
Concen: 8.079 ug/l
RT: 11.092 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN069299.D
Acq: 29 Oct 2021 14:21

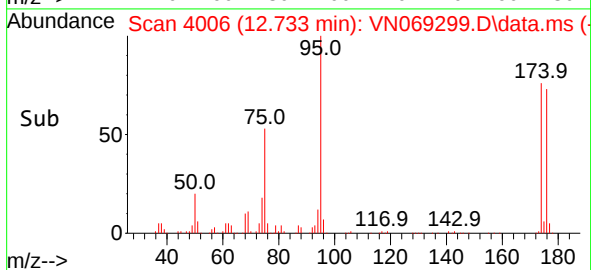
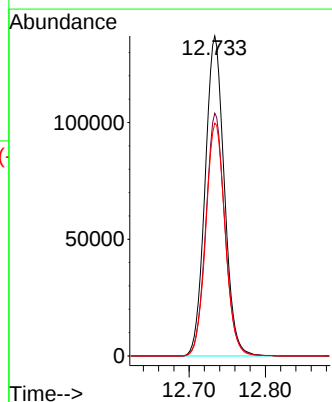
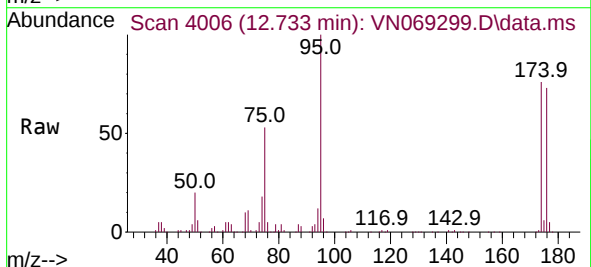
Instrument :
MSVOA_N
ClientSampleId :

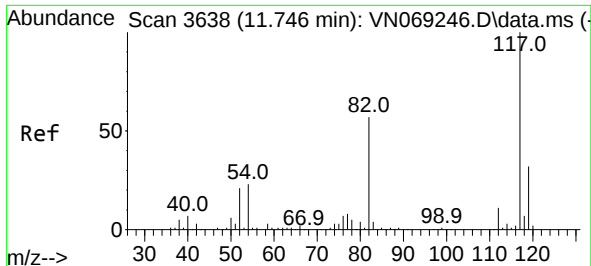
Tgt Ion: 43 Resp: 363
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 48.374 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069299.D
Acq: 29 Oct 2021 14:21

Tgt Ion: 95 Resp: 238722
Ion Ratio Lower Upper
95 100
174 75.6 0.0 144.8
176 73.2 0.0 140.0

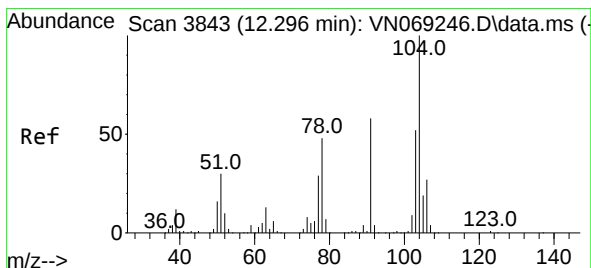
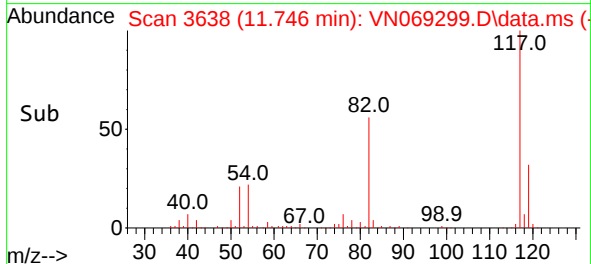
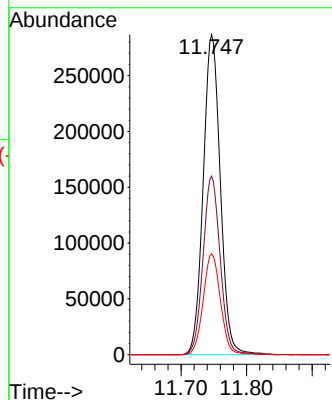
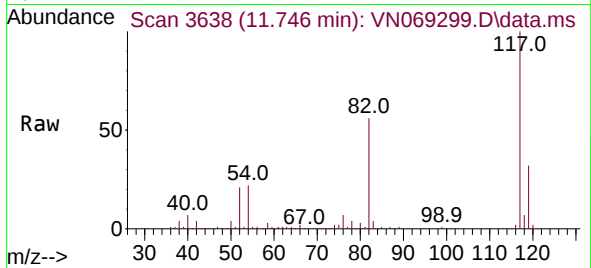




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN069299.D
Acq: 29 Oct 2021 14:21

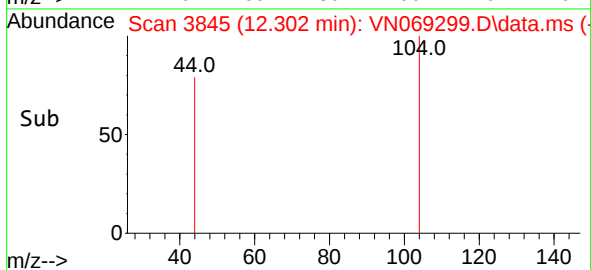
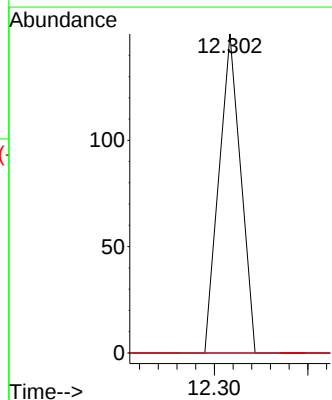
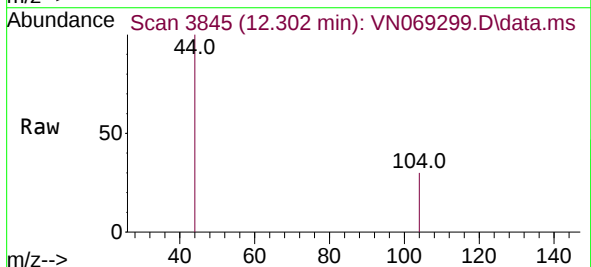
Instrument :
MSVOA_N
ClientSampleId :

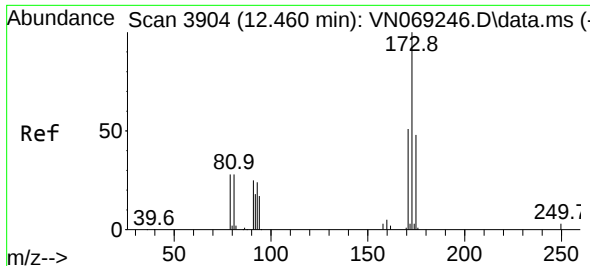
Tgt Ion:117 Resp: 519446
Ion Ratio Lower Upper
117 100
82 55.8 46.4 69.6
119 31.5 26.0 39.0



#70
Styrene
Concen: 1.458 ug/l
RT: 12.302 min Scan# 3845
Delta R.T. 0.006 min
Lab File: VN069299.D
Acq: 29 Oct 2021 14:21

Tgt Ion:104 Resp: 24
Ion Ratio Lower Upper
104 100
78 0.0 42.2 63.4#
103 0.0 44.4 66.6#

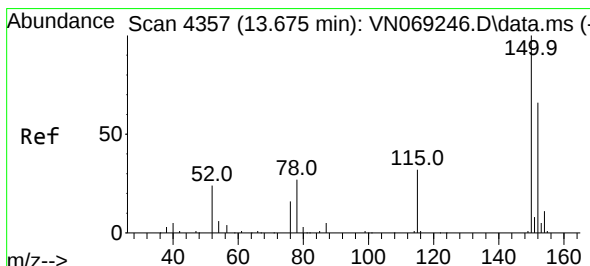
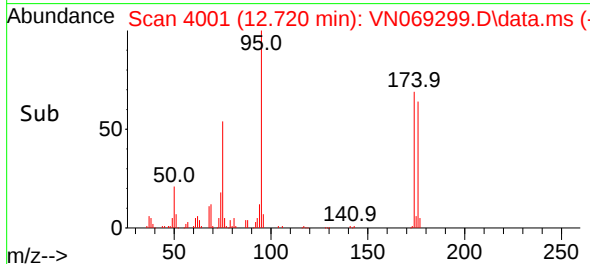
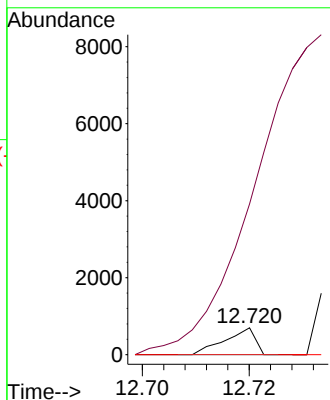
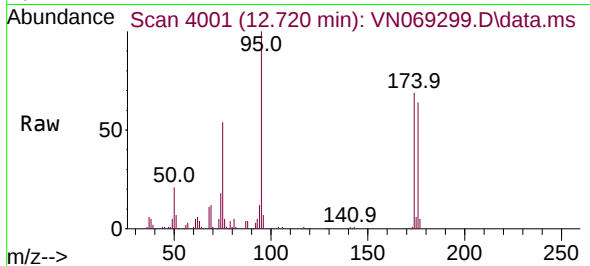




#71
Bromoform
Concen: 2.954 ug/l
RT: 12.720 min Scan# 4001
Delta R.T. 0.260 min
Lab File: VN069299.D
Acq: 29 Oct 2021 14:21

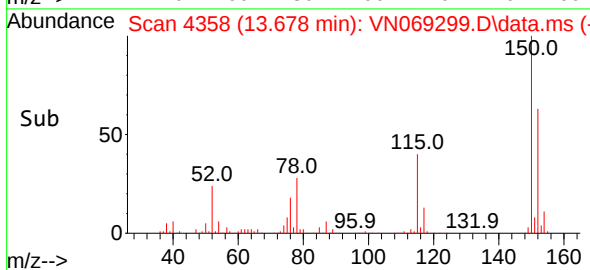
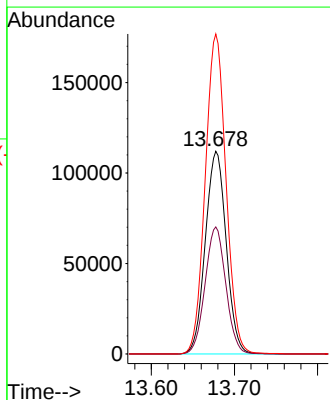
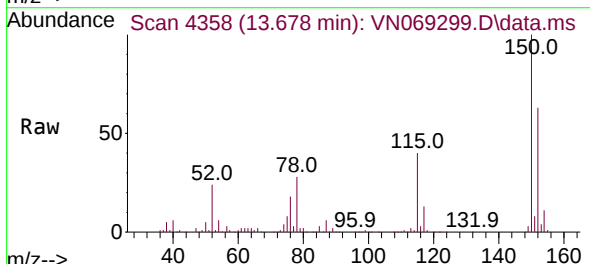
Instrument :
MSVOA_N
ClientSampleId :

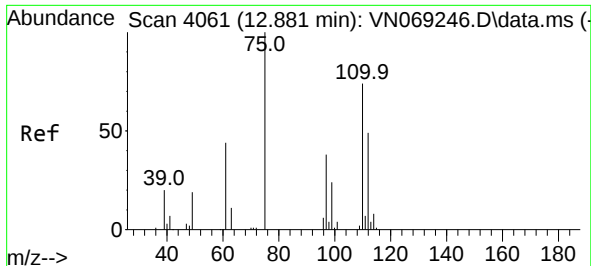
Tgt Ion:173 Resp: 277
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069299.D
Acq: 29 Oct 2021 14:21

Tgt Ion:152 Resp: 195706
Ion Ratio Lower Upper
152 100
115 62.2 31.4 94.3
150 156.6 0.0 351.0

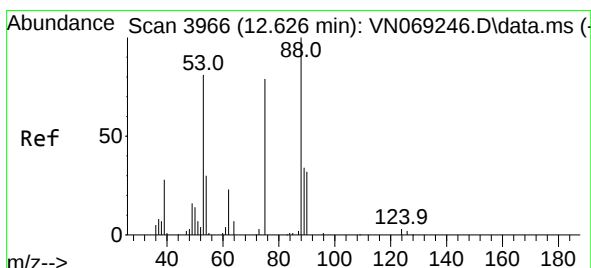
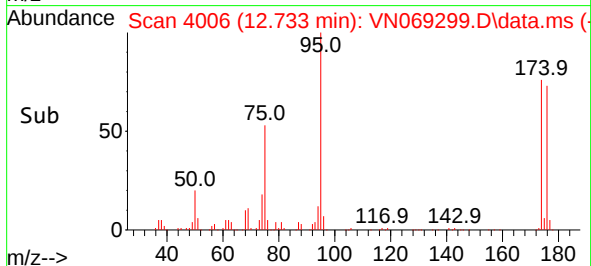
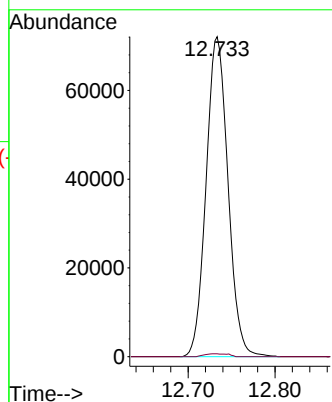
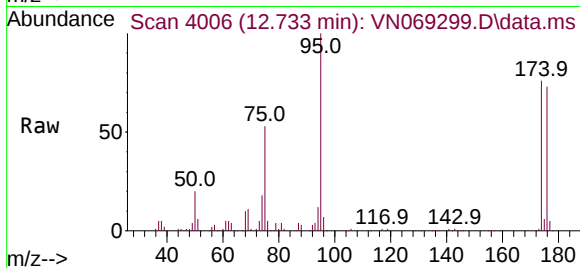




#76
1,2,3-Trichloropropane
Concen: 24.492 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069299.D
Acq: 29 Oct 2021 14:21

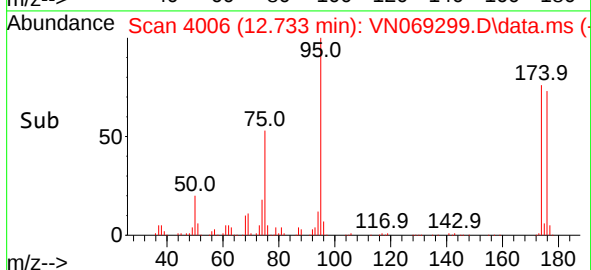
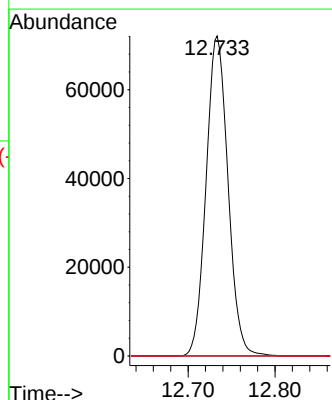
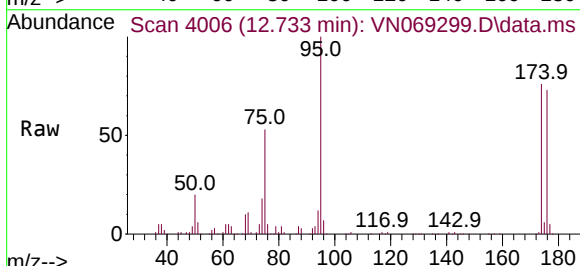
Instrument :
MSVOA_N
ClientSampleId :

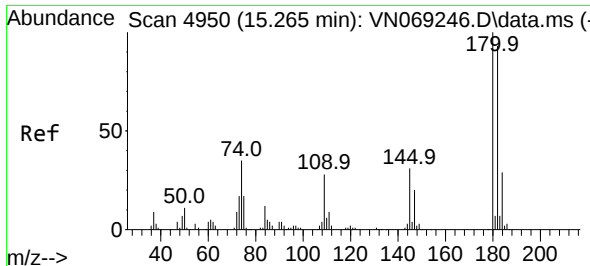
Tgt Ion: 75 Resp: 126066
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.235 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069299.D
Acq: 29 Oct 2021 14:21

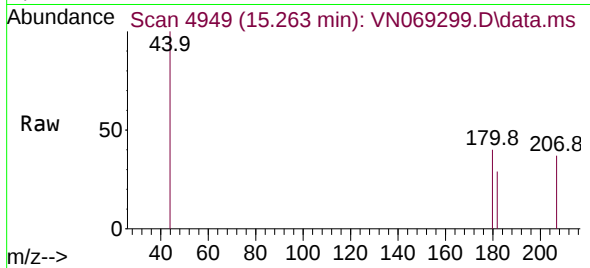
Tgt Ion: 75 Resp: 126066
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



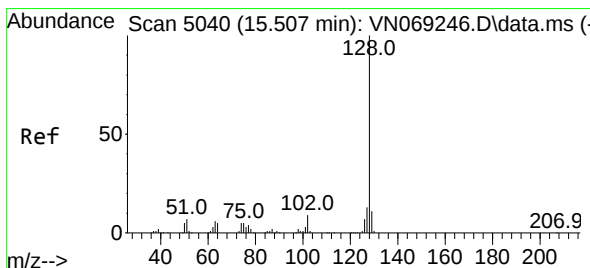
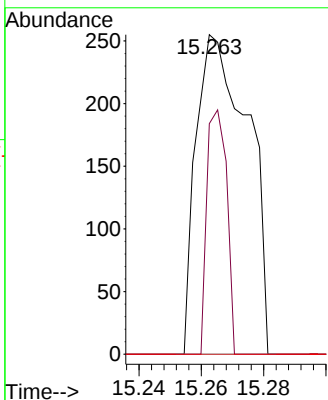
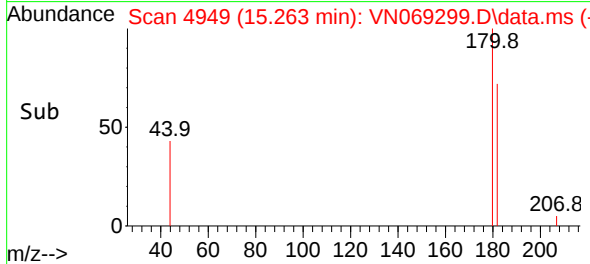


#93
1,2,4-Trichlorobenzene
Concen: 2.575 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN069299.D
Acq: 29 Oct 2021 14:21

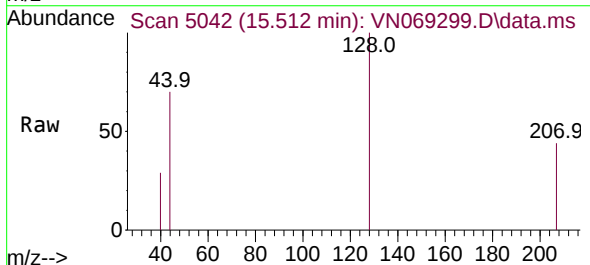
Instrument :
MSVOA_N
ClientSampleId :



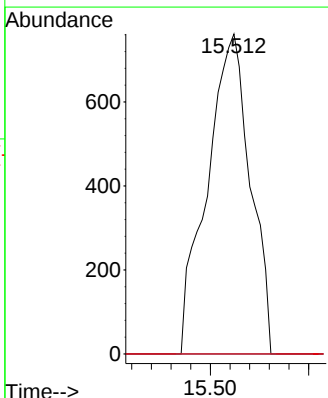
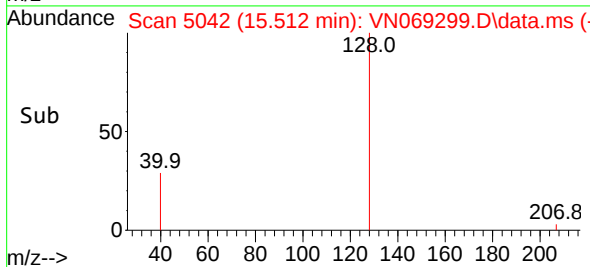
Tgt Ion:180 Resp: 293
Ion Ratio Lower Upper
180 100
182 29.4 47.9 143.7#
145 0.0 16.4 49.2#

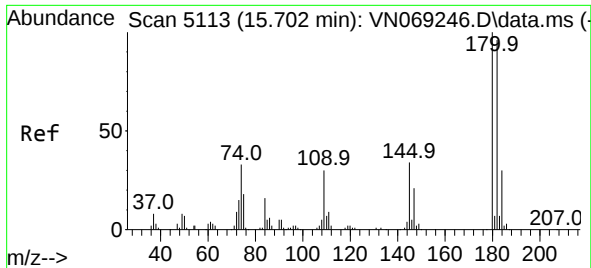


#95
Naphthalene
Concen: 3.419 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN069299.D
Acq: 29 Oct 2021 14:21



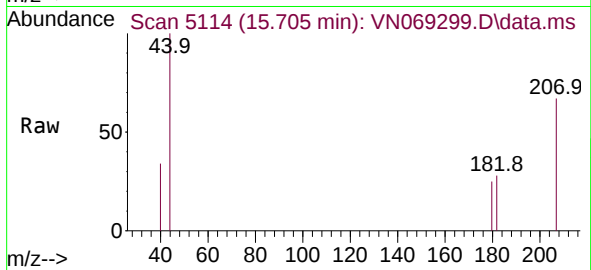
Tgt Ion:128 Resp: 1161
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.230 ug/l
 RT: 15.705 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VN069299.D
 Acq: 29 Oct 2021 14:21

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 74
 Ion Ratio Lower Upper
 180 100
 182 113.5 48.1 144.3
 145 0.0 17.4 52.2#

