

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062921\
 Data File : VN067564.D
 Acq On : 29 Jun 2021 19:44
 Operator : JC/MD
 Sample : M2827-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 30 03:41:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

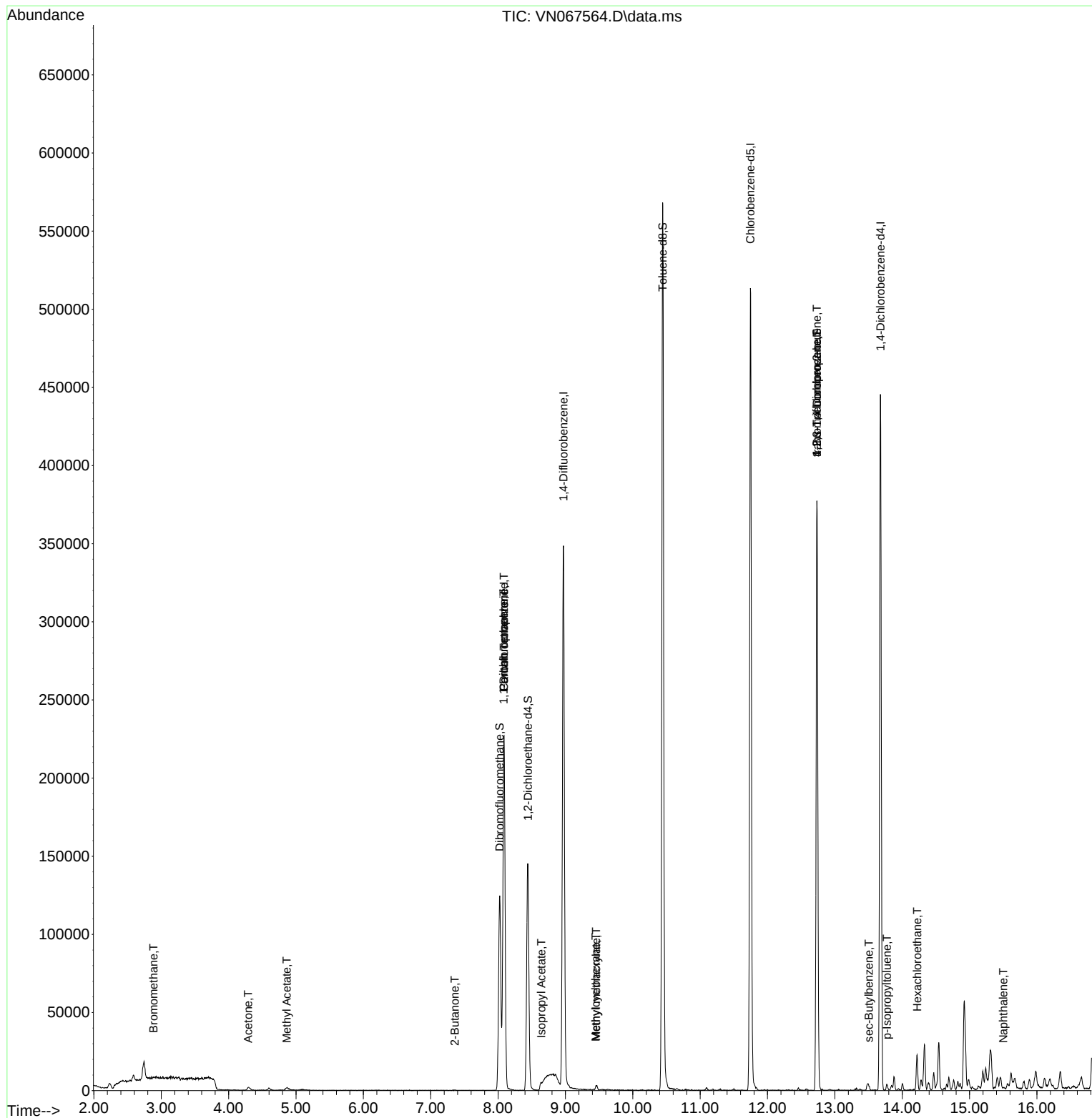
Internal Standards						
1) Pentafluorobenzene	8.088	168	160294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	303039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	292895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	111078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	122675	55.920	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.840%			
35) Dibromofluoromethane	8.024	113	88266	46.979	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.960%			
50) Toluene-d8	10.443	98	405039	53.069	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.140%			
62) 4-Bromofluorobenzene	12.733	95	130221	48.846	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.700%			
Target Compounds						Qvalue
5) Bromomethane	2.882	94	400	0.203	ug/l	86
16) Acetone	4.291	43	3724	5.146	ug/l	99
18) Methyl Acetate	4.864	43	2519	1.305	ug/l #	65
25) 2-Butanone	7.356	43	342	0.306	ug/l #	51
36) 1,1-Dichloropropene	8.083	75	15787	5.771	ug/l #	53
38) Carbon Tetrachloride	8.088	117	17836	6.086	ug/l #	16
39) Methylcyclohexane	9.451	83	681	0.206	ug/l #	67
43) Isopropyl Acetate	8.643	43	3201	0.746	ug/l #	58
48) Methyl methacrylate	9.456	41	499	0.266	ug/l #	23
76) 1,2,3-Trichloropropane	12.733	75	75256	33.801	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	75256	97.179	ug/l #	6
85) sec-Butylbenzene	13.506	105	2323	0.254	ug/l #	74
86) p-Isopropyltoluene	13.771	119	1860	0.253	ug/l	94
90) Hexachloroethane	14.222	117	1244	0.963	ug/l #	16
95) Naphthalene	15.501	128	1482	3.437	ug/l #	69

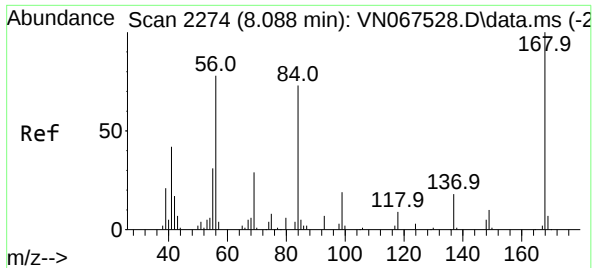
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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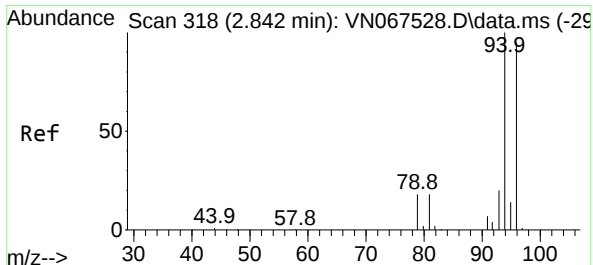
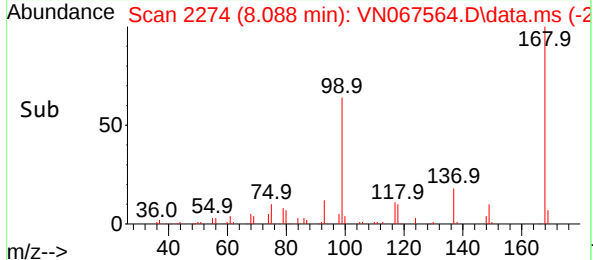
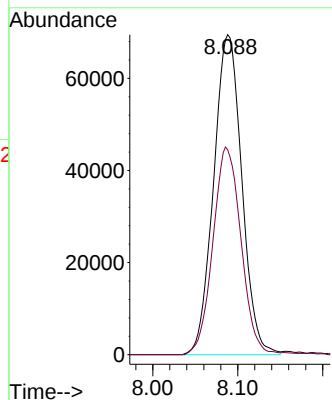
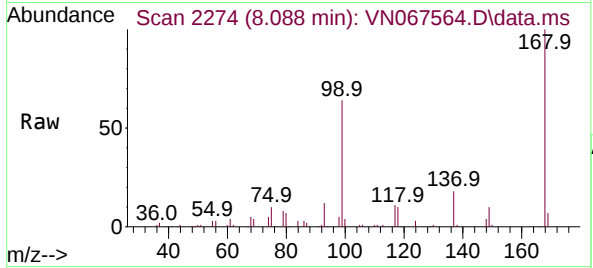




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067564.D
Acq: 29 Jun 2021 19:44

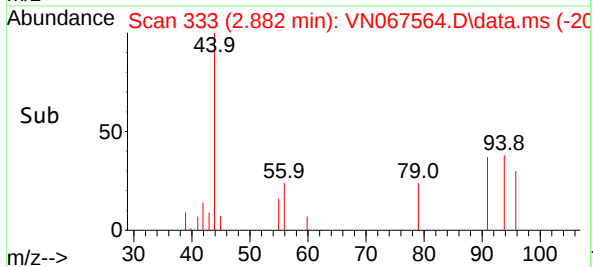
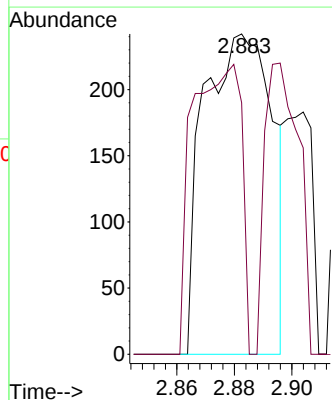
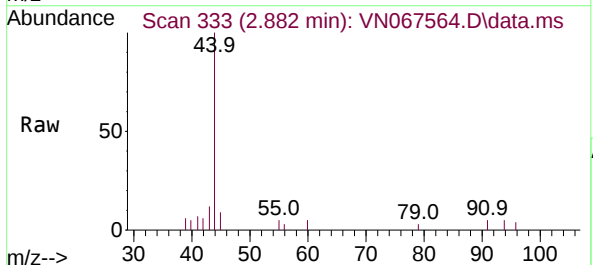
Instrument :
MSVOA_N
ClientSampled :

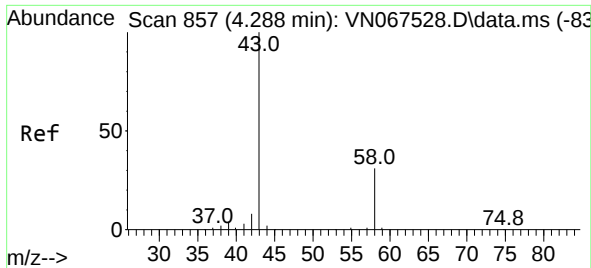
Tgt Ion:168 Resp: 160294
Ion Ratio Lower Upper
168 100
99 64.0 62.9 94.3



#5
Bromomethane
Concen: 0.203 ug/l
RT: 2.882 min Scan# 333
Delta R.T. 0.040 min
Lab File: VN067564.D
Acq: 29 Jun 2021 19:44

Tgt Ion: 94 Resp: 400
Ion Ratio Lower Upper
94 100
96 78.5 73.7 110.5

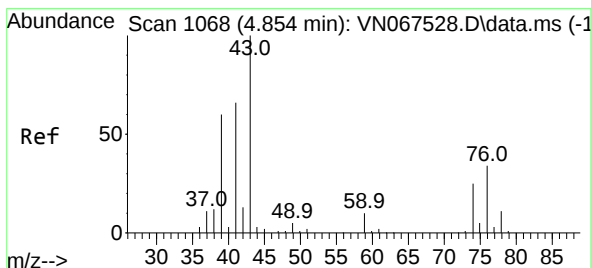
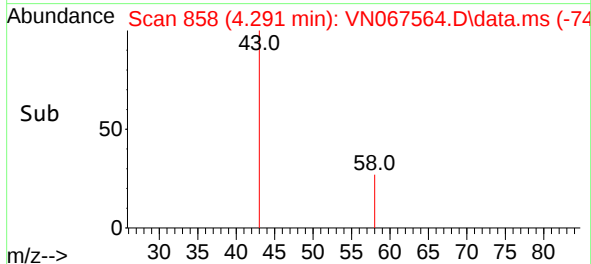
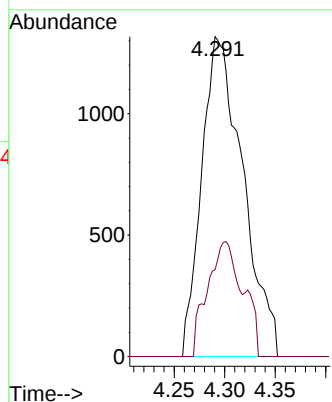
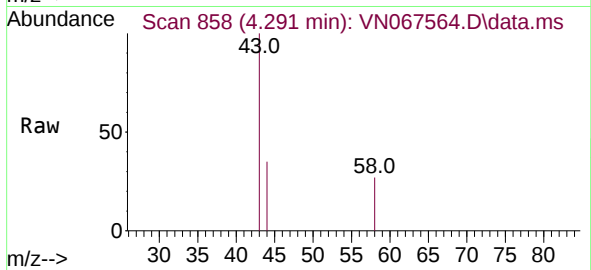




#16
Acetone
Concen: 5.146 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN067564.D
Acq: 29 Jun 2021 19:44

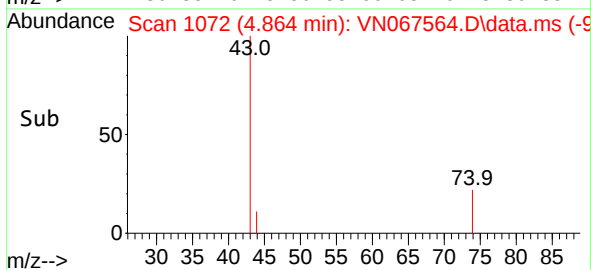
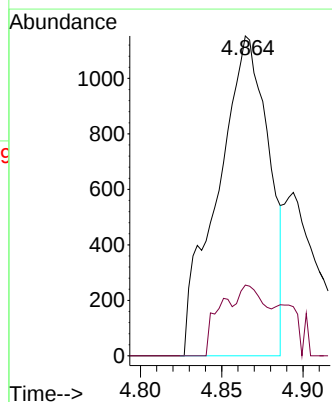
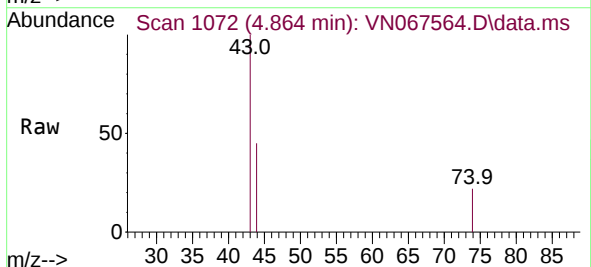
Instrument :
MSVOA_N
ClientSampled :

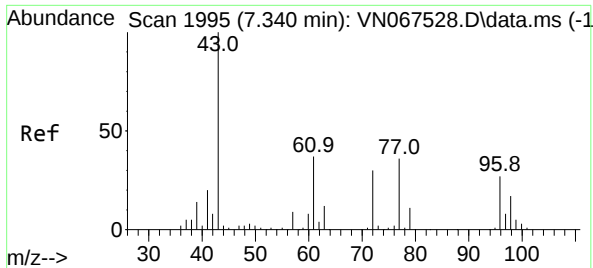
Tgt Ion: 43 Resp: 3724
Ion Ratio Lower Upper
43 100
58 27.2 21.2 31.8



#18
Methyl Acetate
Concen: 1.305 ug/l
RT: 4.864 min Scan# 1072
Delta R.T. 0.010 min
Lab File: VN067564.D
Acq: 29 Jun 2021 19:44

Tgt Ion: 43 Resp: 2519
Ion Ratio Lower Upper
43 100
74 5.2 17.4 26.0#

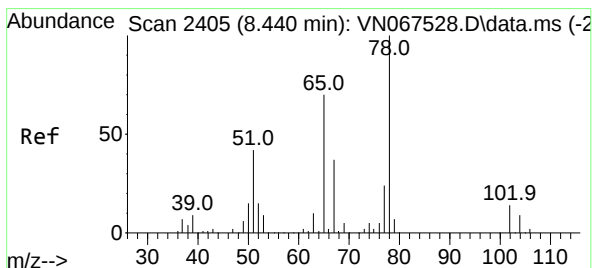
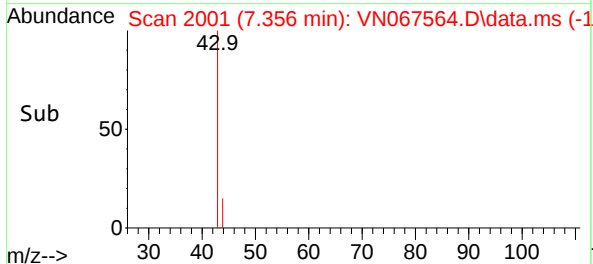
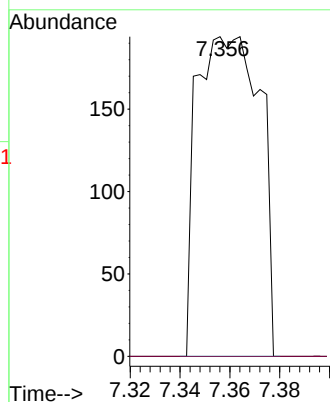
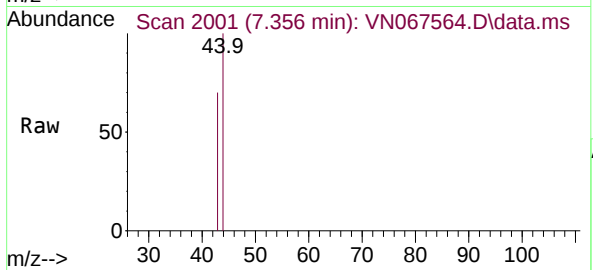




#25
2-Butanone
Concen: 0.306 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. 0.016 min
Lab File: VN067564.D
Acq: 29 Jun 2021 19:44

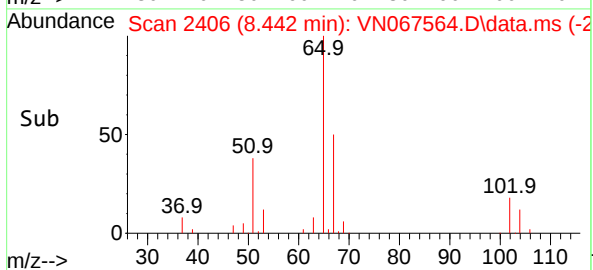
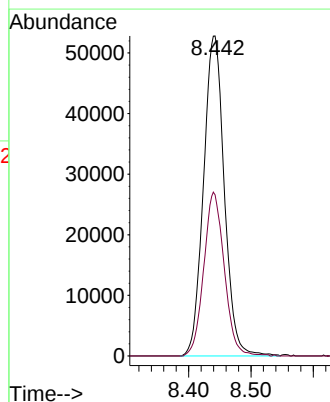
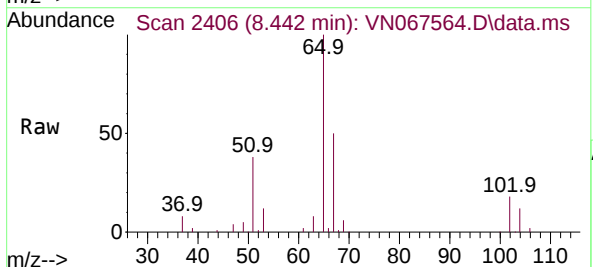
Instrument :
MSVOA_N
ClientSampled :

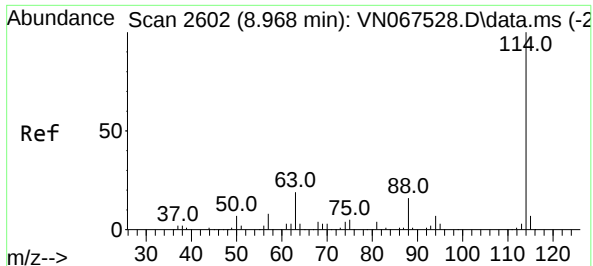
Tgt Ion: 43 Resp: 342
Ion Ratio Lower Upper
43 100
72 0.0 19.7 29.5#



#33
1,2-Dichloroethane-d4
Concen: 55.920 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN067564.D
Acq: 29 Jun 2021 19:44

Tgt Ion: 65 Resp: 122675
Ion Ratio Lower Upper
65 100
67 50.4 0.0 98.6

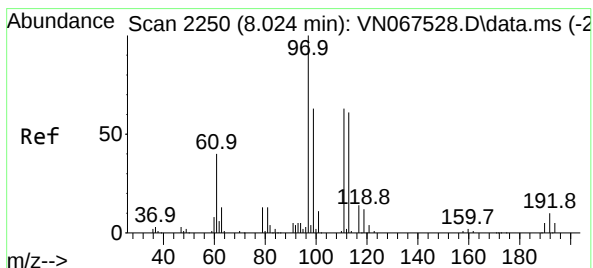
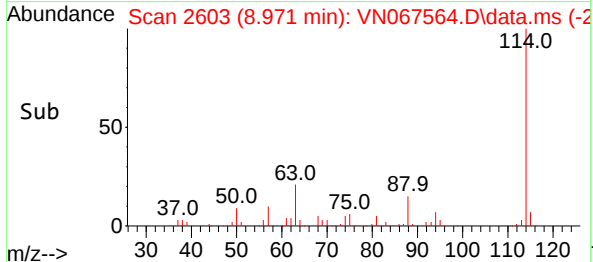
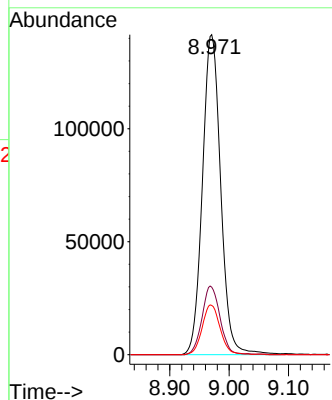
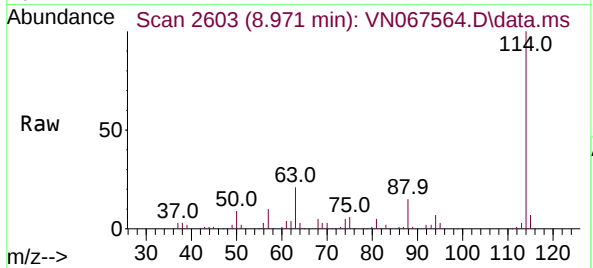




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067564.D
Acq: 29 Jun 2021 19:44

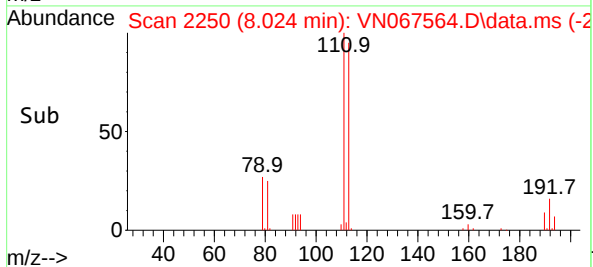
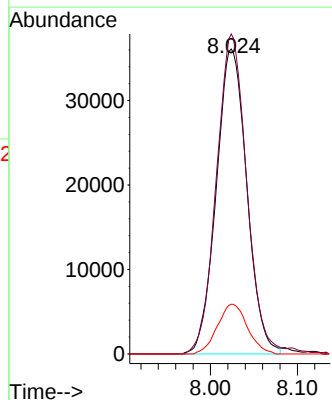
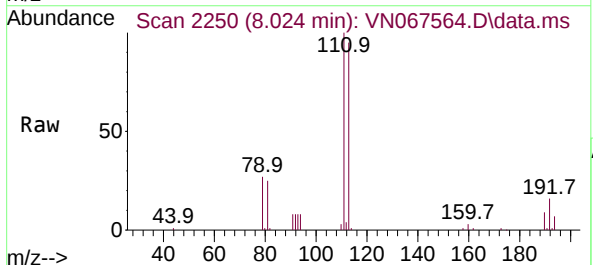
Instrument :
MSVOA_N
ClientSampled :

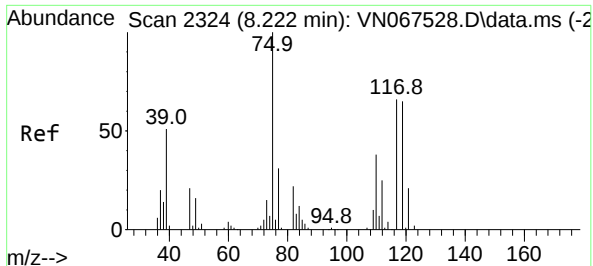
Tgt Ion:114 Resp: 303039
Ion Ratio Lower Upper
114 100
63 21.1 0.0 49.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.979 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067564.D
Acq: 29 Jun 2021 19:44

Tgt Ion:113 Resp: 88266
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.8
192 16.0 13.4 20.0





#36

1,1-Dichloropropene

Concen: 5.771 ug/l

RT: 8.083 min Scan# 2272

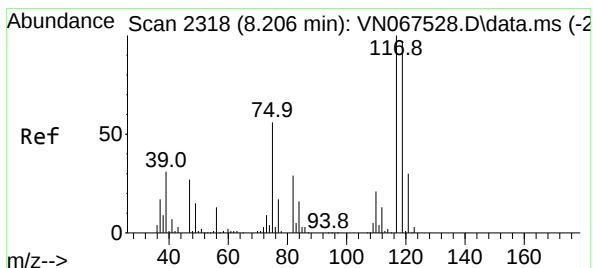
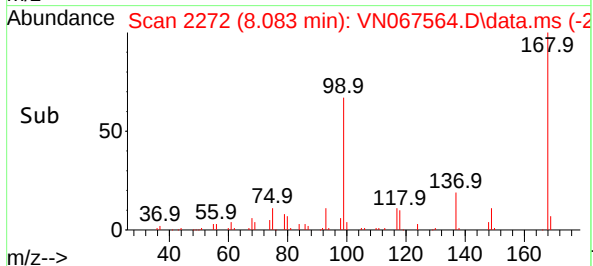
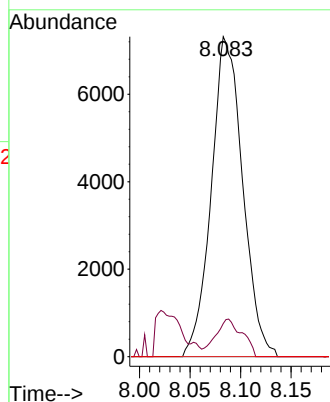
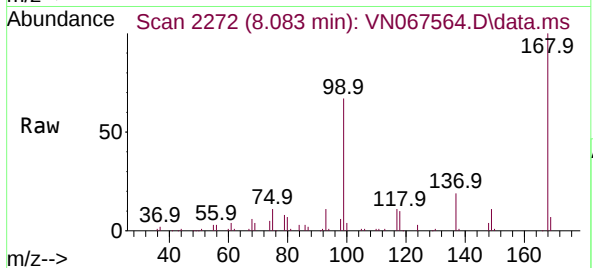
Delta R.T. -0.139 min

Lab File: VN067564.D

Acq: 29 Jun 2021 19:44

Tgt Ion:	75	Resp:	15787
Ion	Ratio	Lower	Upper
75	100		
110	10.0	15.7	47.0#
77	0.0	24.6	37.0#

Instrument :
MSVOA_N
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.086 ug/l

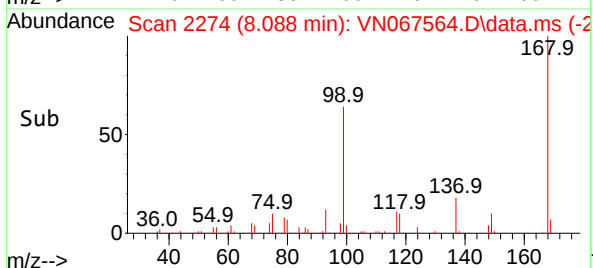
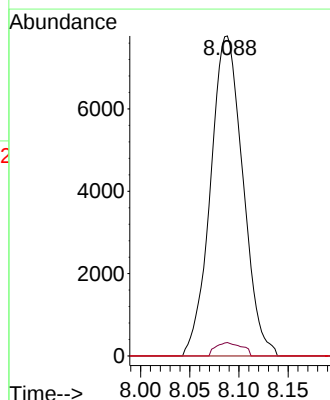
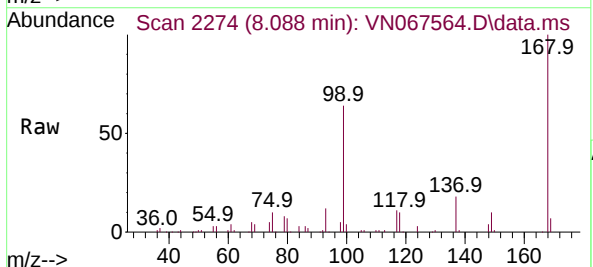
RT: 8.088 min Scan# 2274

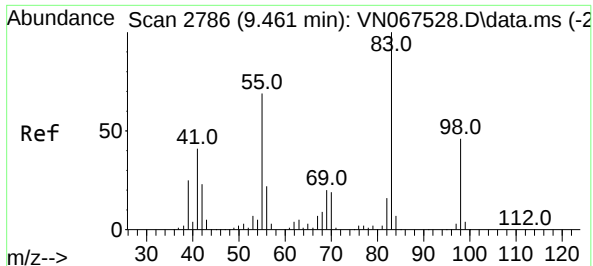
Delta R.T. -0.118 min

Lab File: VN067564.D

Acq: 29 Jun 2021 19:44

Tgt Ion:	117	Resp:	17836
Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.4	113.2#
121	0.0	23.5	35.3#





#39

Methylcyclohexane

Concen: 0.206 ug/l

RT: 9.451 min Scan# 2782

Delta R.T. -0.010 min

Lab File: VN067564.D

Acq: 29 Jun 2021 19:44

Tgt Ion: 83 Resp: 681

Ion Ratio Lower Upper

83 100

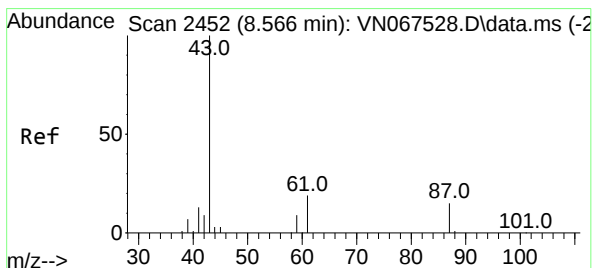
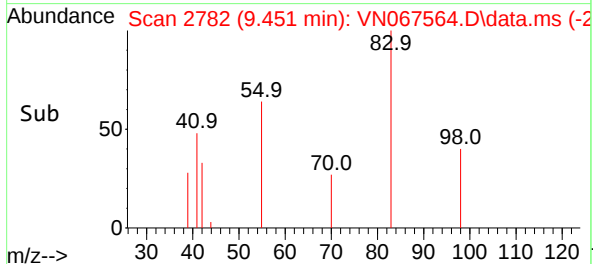
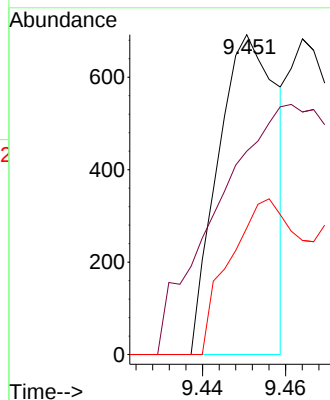
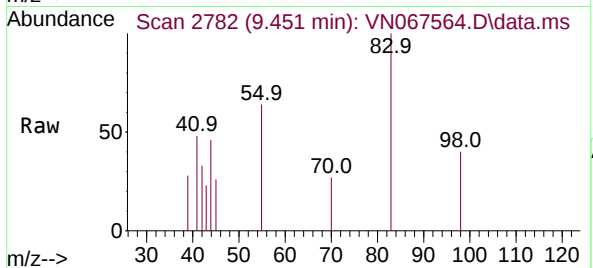
55 41.6 66.6 99.8#

98 39.6 35.3 52.9

Instrument :

MSVOA_N

ClientSampleId :



#43

Isopropyl Acetate

Concen: 0.746 ug/l

RT: 8.643 min Scan# 2481

Delta R.T. 0.077 min

Lab File: VN067564.D

Acq: 29 Jun 2021 19:44

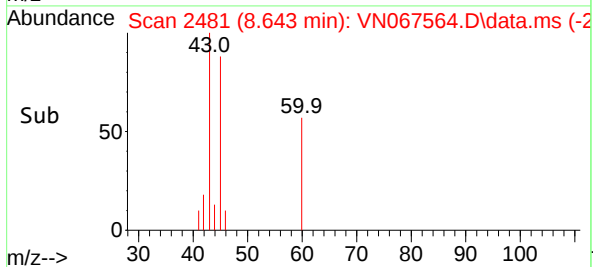
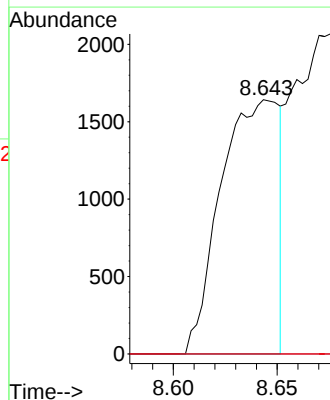
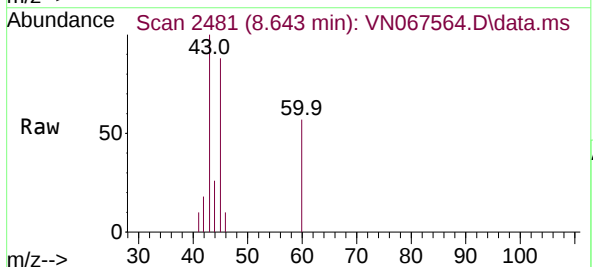
Tgt Ion: 43 Resp: 3201

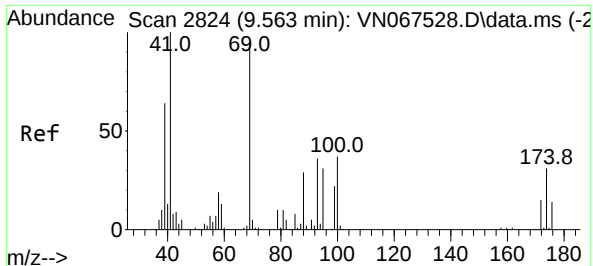
Ion Ratio Lower Upper

43 100

61 0.0 19.0 28.4#

87 0.0 9.5 14.3#

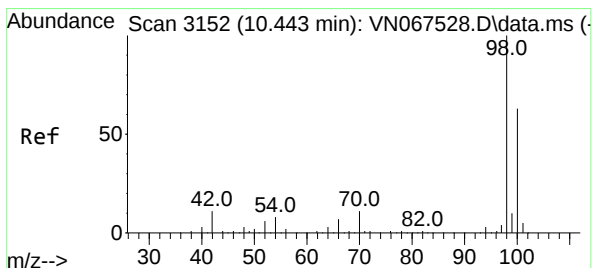
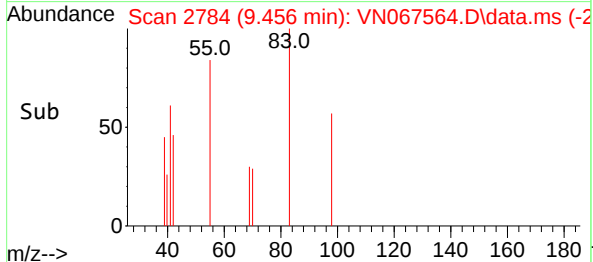
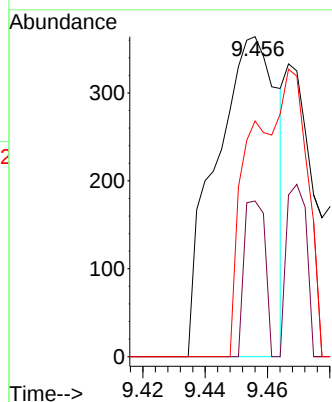
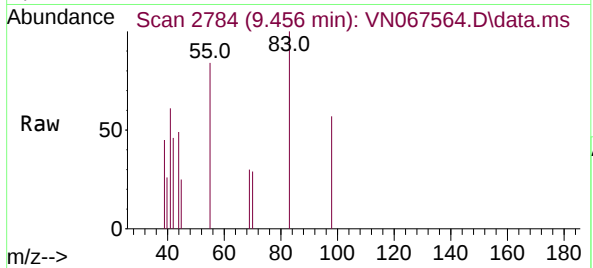




#48
Methyl methacrylate
Concen: 0.266 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.107 min
Lab File: VN067564.D
Acq: 29 Jun 2021 19:44

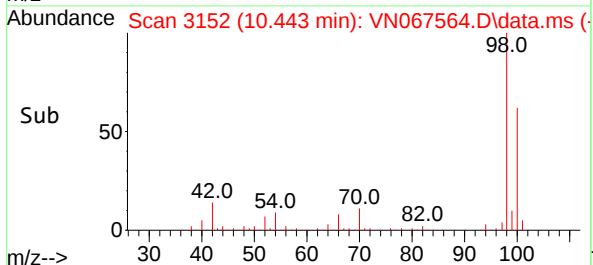
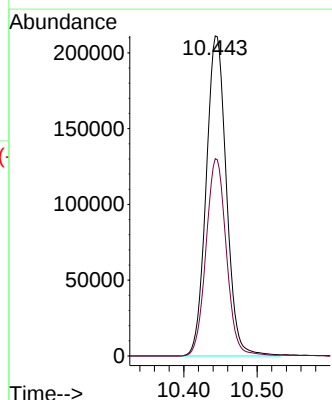
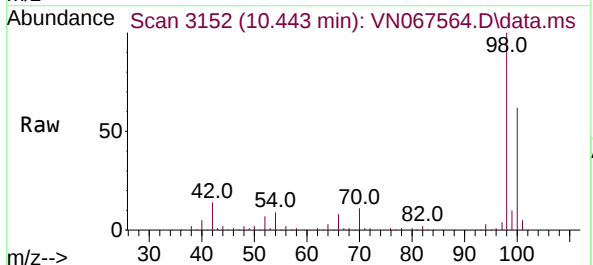
Instrument :
MSVOA_N
ClientSampled :

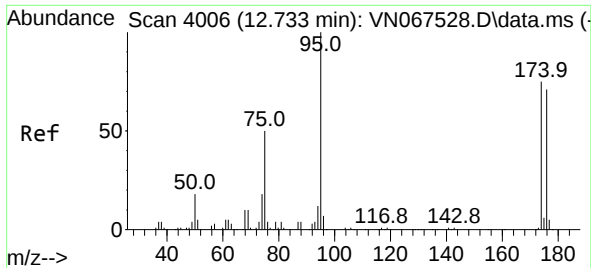
Tgt Ion: 41 Resp: 499
Ion Ratio Lower Upper
41 100
69 16.6 64.6 96.8#
39 0.0 53.3 79.9#



#50
Toluene-d8
Concen: 53.069 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067564.D
Acq: 29 Jun 2021 19:44

Tgt Ion: 98 Resp: 405039
Ion Ratio Lower Upper
98 100
100 62.1 51.7 77.5

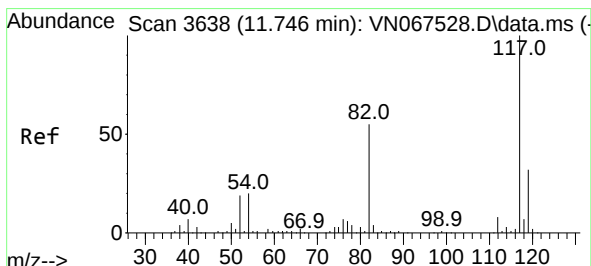
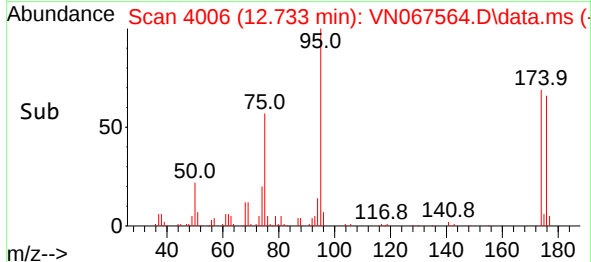
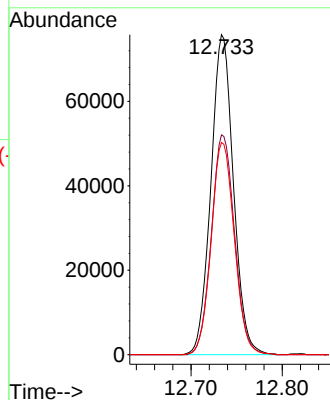
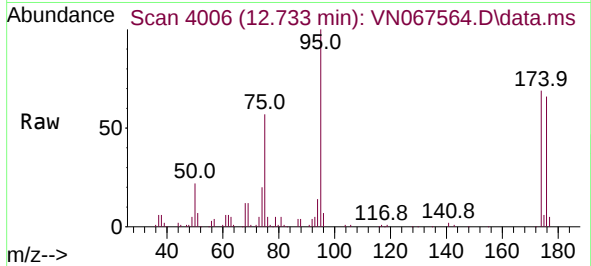




#62
4-Bromofluorobenzene
Concen: 48.846 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067564.D
Acq: 29 Jun 2021 19:44

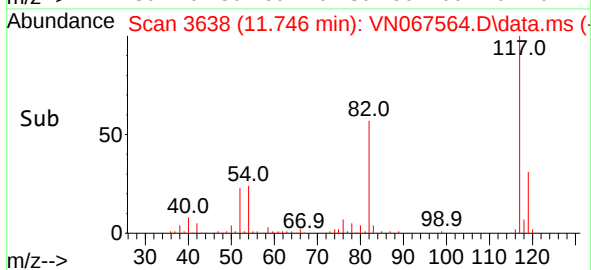
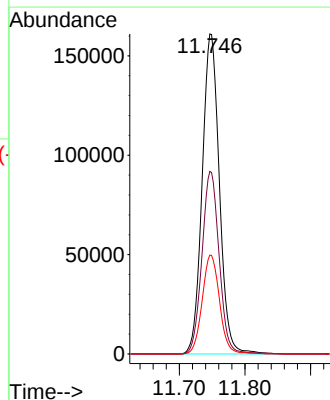
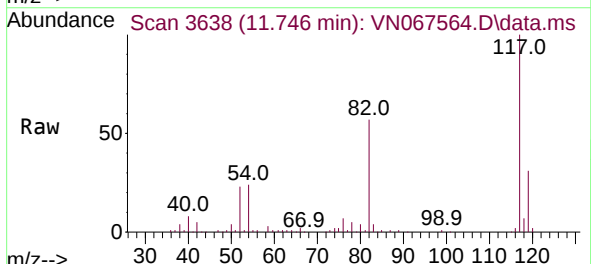
Instrument :
MSVOA_N
ClientSampled :

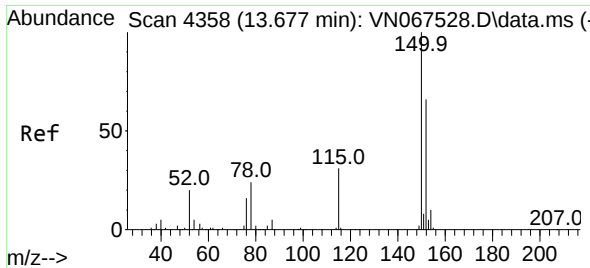
Tgt Ion: 95 Resp: 130221
Ion Ratio Lower Upper
95 100
174 70.7 0.0 122.0
176 67.9 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067564.D
Acq: 29 Jun 2021 19:44

Tgt Ion: 117 Resp: 292895
Ion Ratio Lower Upper
117 100
82 57.1 53.1 79.7
119 30.9 25.5 38.3

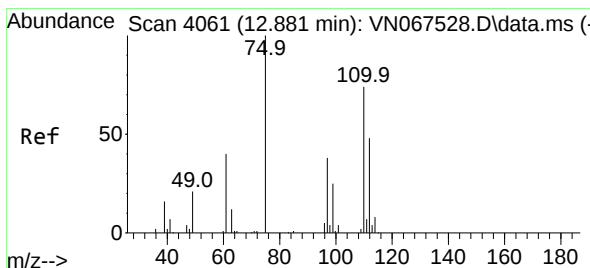
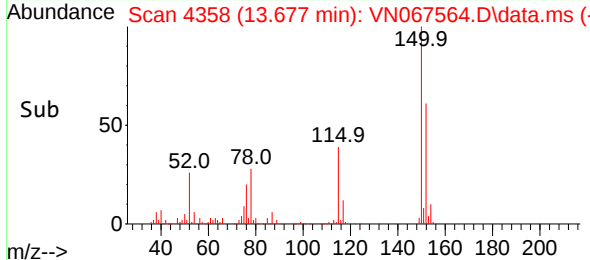
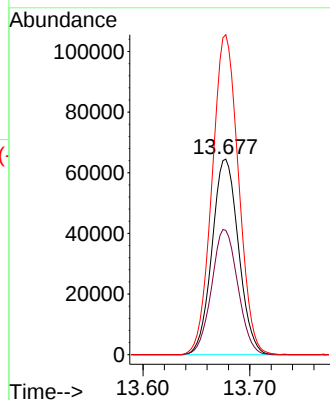
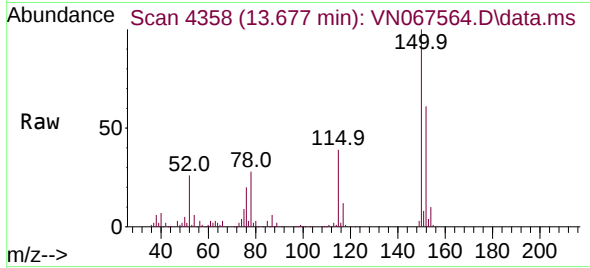




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067564.D
Acq: 29 Jun 2021 19:44

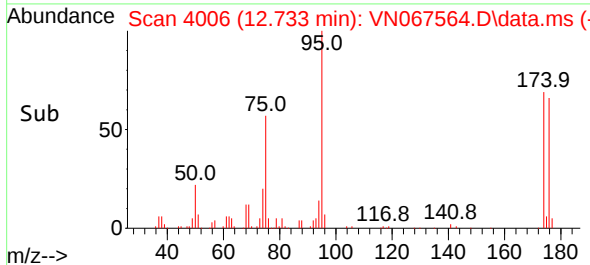
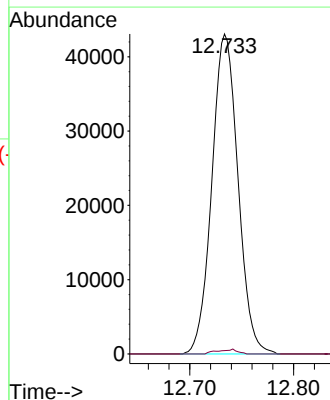
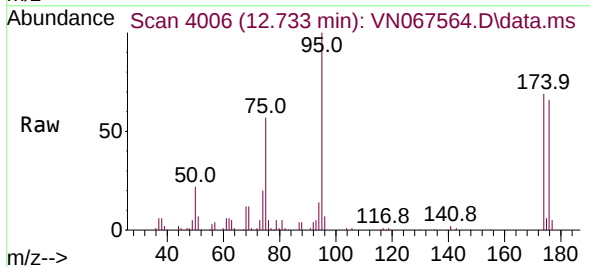
Instrument :
MSVOA_N
ClientSampled :

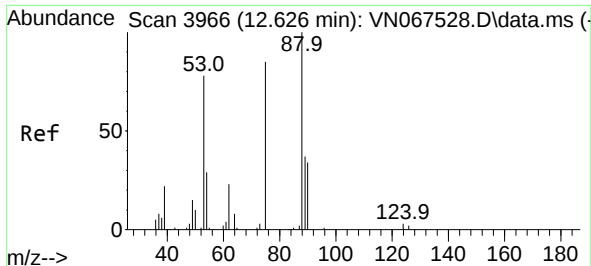
Tgt Ion:152 Resp: 111078
Ion Ratio Lower Upper
152 100
115 63.5 36.1 108.5
150 163.3 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 33.801 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN067564.D
Acq: 29 Jun 2021 19:44

Tgt Ion: 75 Resp: 75256
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

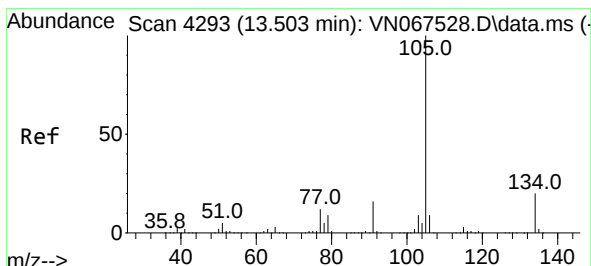
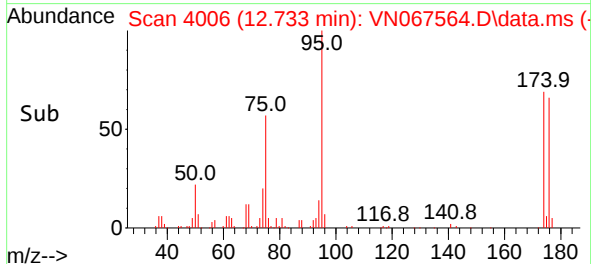
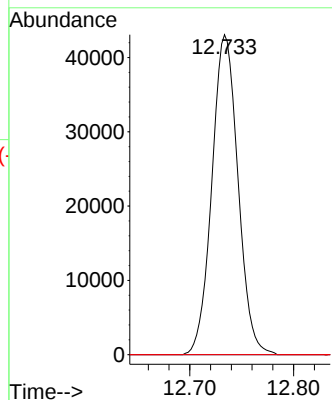
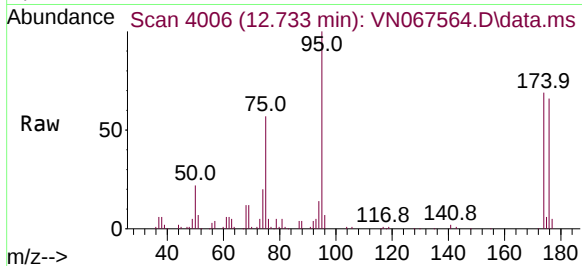




#81
trans-1,4-Dichloro-2-butene
Concen: 97.179 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN067564.D
Acq: 29 Jun 2021 19:44

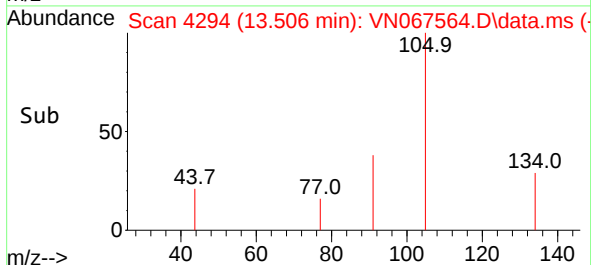
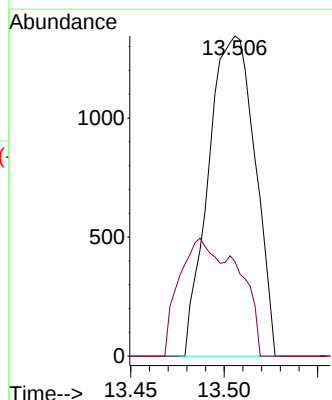
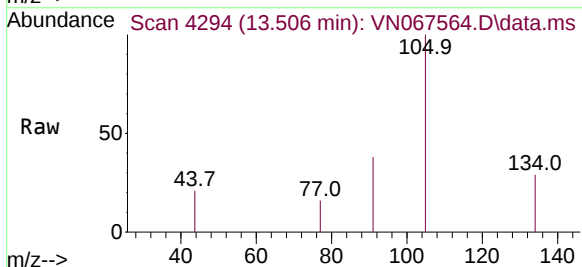
Instrument :
MSVOA_N
ClientSampleId :

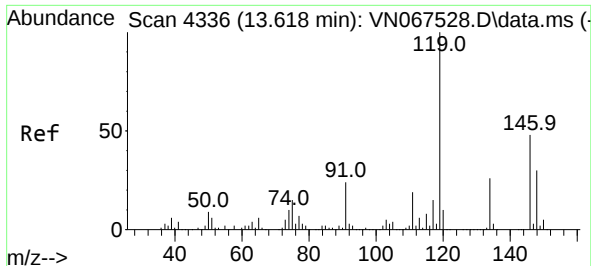
Tgt Ion: 75 Resp: 75256
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#85
sec-Butylbenzene
Concen: 0.254 ug/l
RT: 13.506 min Scan# 4294
Delta R.T. 0.003 min
Lab File: VN067564.D
Acq: 29 Jun 2021 19:44

Tgt Ion: 105 Resp: 2323
Ion Ratio Lower Upper
105 100
134 29.8 9.0 27.1#

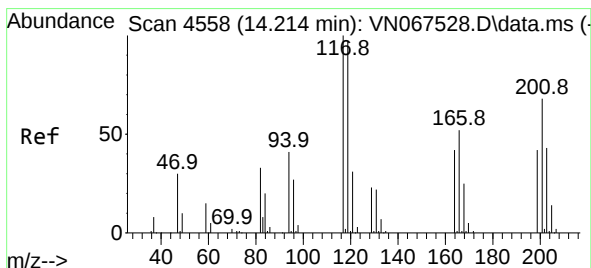
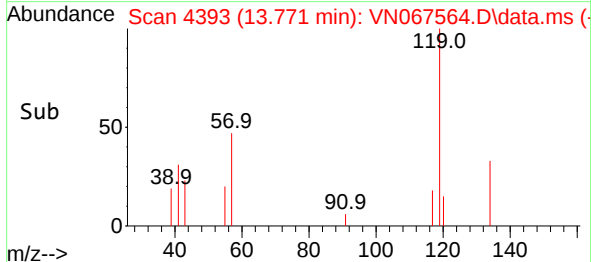
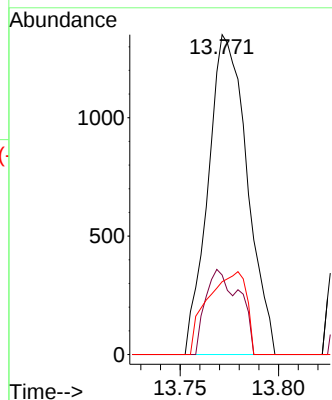
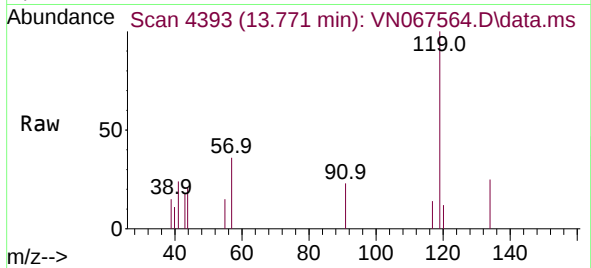




#86
p-Isopropyltoluene
Concen: 0.253 ug/l
RT: 13.771 min Scan# 4393
Delta R.T. 0.153 min
Lab File: VN067564.D
Acq: 29 Jun 2021 19:44

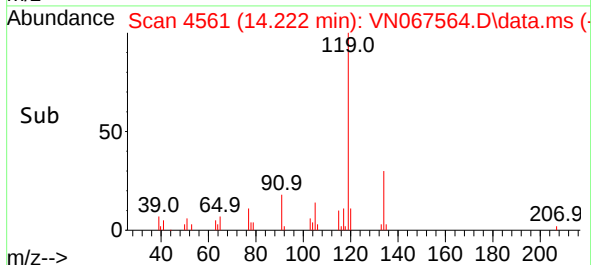
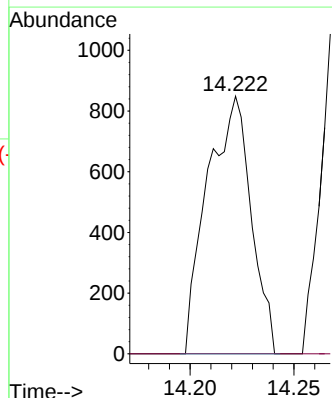
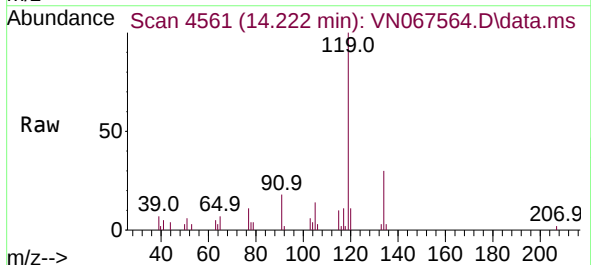
Instrument :
MSVOA_N
ClientSampled :

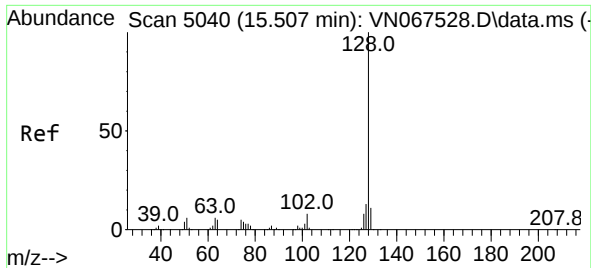
Tgt Ion:119 Resp: 1860
Ion Ratio Lower Upper
119 100
134 22.9 12.4 37.4
91 25.7 14.8 44.3



#90
Hexachloroethane
Concen: 0.963 ug/l
RT: 14.222 min Scan# 4561
Delta R.T. 0.008 min
Lab File: VN067564.D
Acq: 29 Jun 2021 19:44

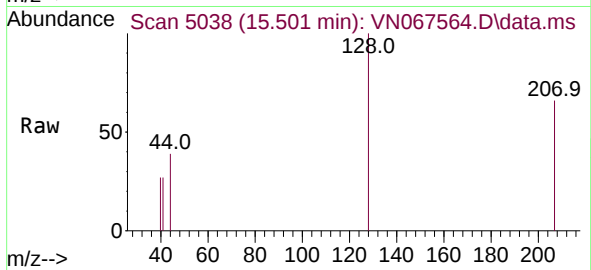
Tgt Ion:117 Resp: 1244
Ion Ratio Lower Upper
117 100
201 0.0 33.5 100.5#





#95
Naphthalene
Concen: 3.437 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.006 min
Lab File: VN067564.D
Acq: 29 Jun 2021 19:44

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1482
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

