

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
 Data File : VN067510.D
 Acq On : 25 Jun 2021 17:33
 Operator : JC/MD
 Sample : M2827-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 26 00:39:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	192535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	432969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	385265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	125044	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	216769	55.01	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.02%
35) Dibromofluoromethane	8.024	113	135385	50.76	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.52%
50) Toluene-d8	10.446	98	597172	52.49	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.98%
62) 4-Bromofluorobenzene	12.734	95	200748	49.53	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.06%

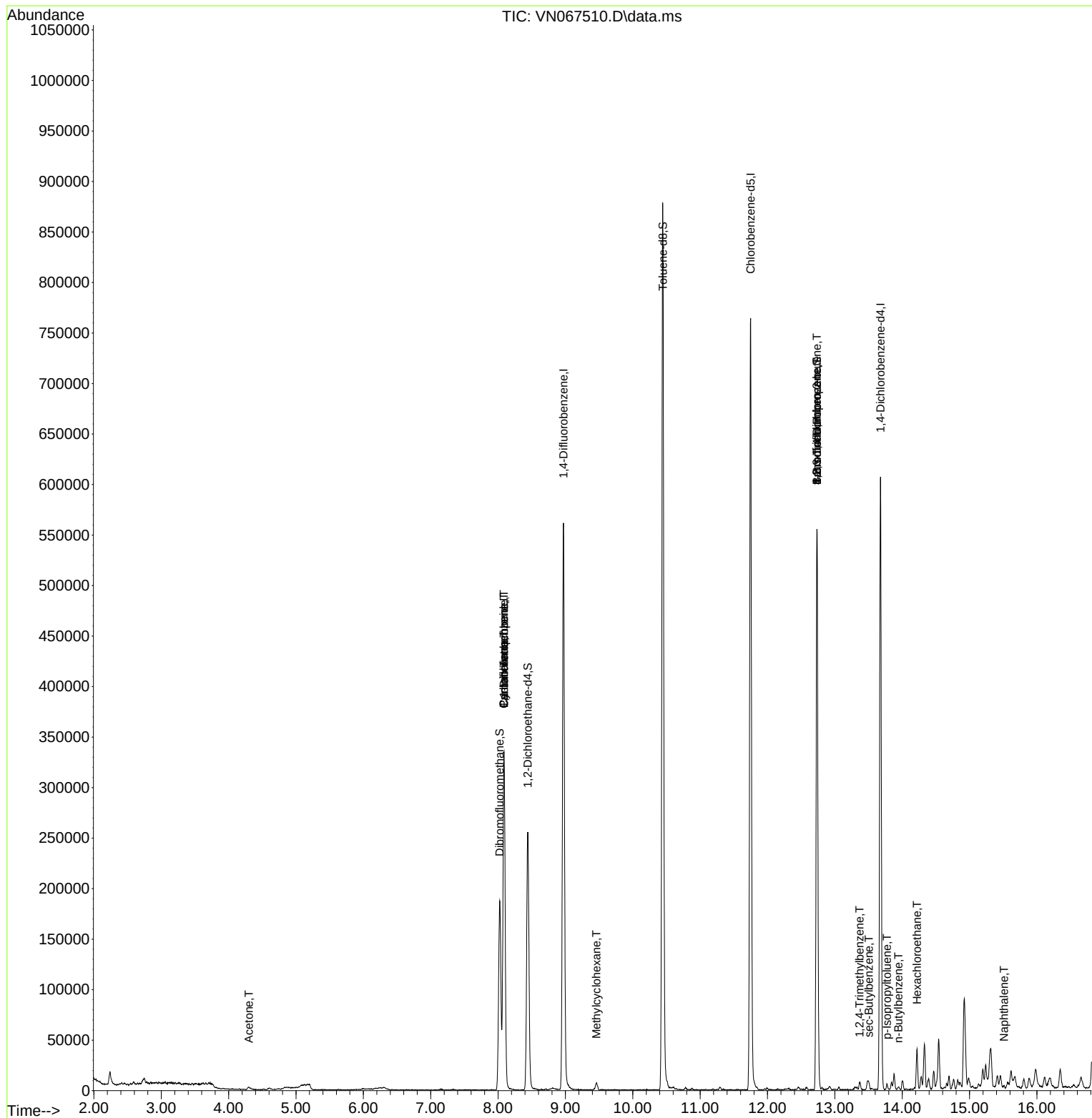
Target Compounds						Qvalue
16) Acetone	4.299	43	3792	2.51	ug/l	94
31) Cyclohexane	8.088	56	9538	1.51	ug/l #	25
36) 1,1-Dichloropropene	8.088	75	26855	5.51	ug/l #	47
38) Carbon Tetrachloride	8.086	117	26401	6.36	ug/l #	16
39) Methylcyclohexane	9.459	83	2858	0.51	ug/l	98
71) Bromoform	12.734	173	1772	3.46	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	122940	33.41	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	122940	91.41	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.367	105	5246	0.51	ug/l	95
85) sec-Butylbenzene	13.503	105	4294	0.35	ug/l	95
86) p-Isopropyltoluene	13.772	119	2763	0.30	ug/l	92
89) n-Butylbenzene	13.943	91	2025	0.22	ug/l #	90
90) Hexachloroethane	14.219	117	2113	1.21	ug/l #	16
95) Naphthalene	15.509	128	2541	3.68	ug/l #	82

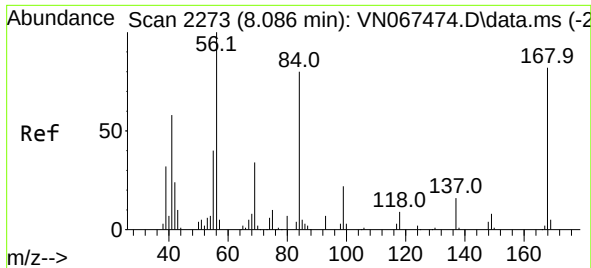
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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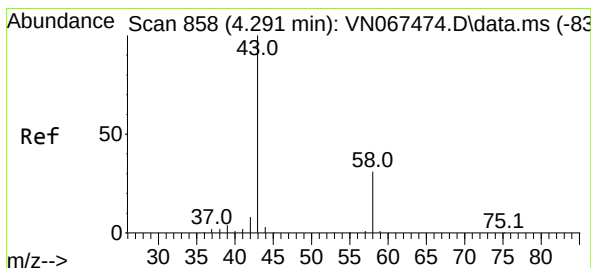
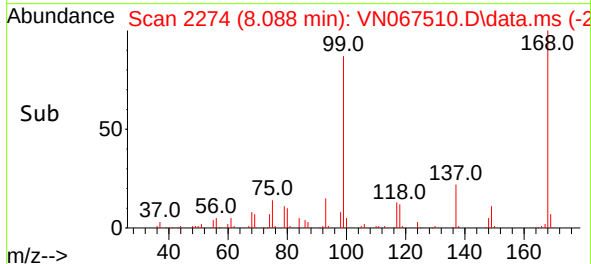
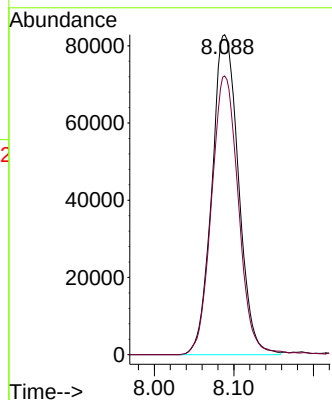
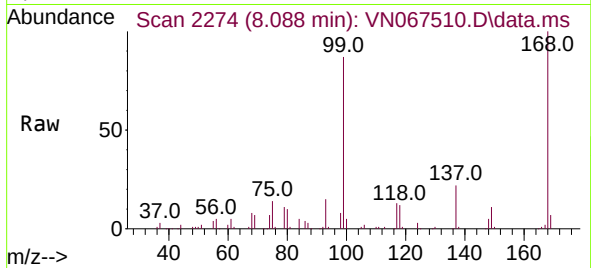




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067510.D
Acq: 25 Jun 2021 17:33

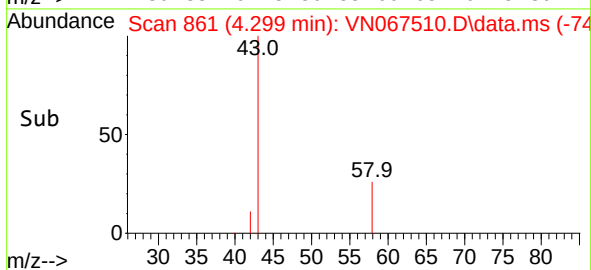
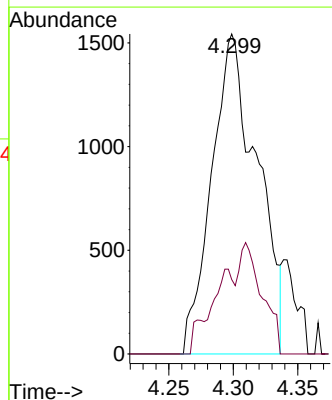
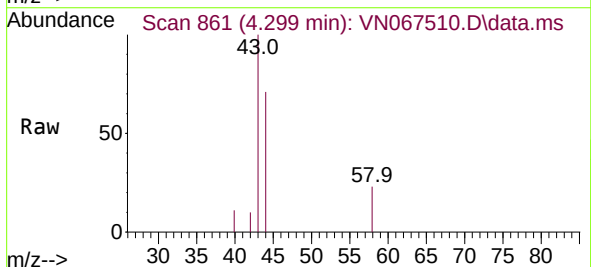
Instrument :
MSVOA_N
ClientSampleId :

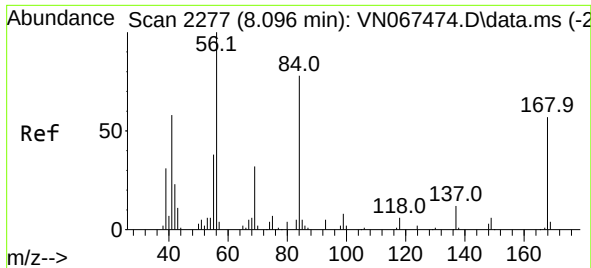
Tgt Ion:168 Resp: 192535
Ion Ratio Lower Upper
168 100
99 87.1 62.9 94.3



#16
Acetone
Concen: 2.51 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067510.D
Acq: 25 Jun 2021 17:33

Tgt Ion: 43 Resp: 3792
Ion Ratio Lower Upper
43 100
58 23.3 21.2 31.8

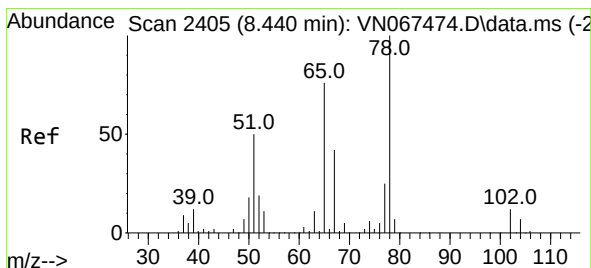
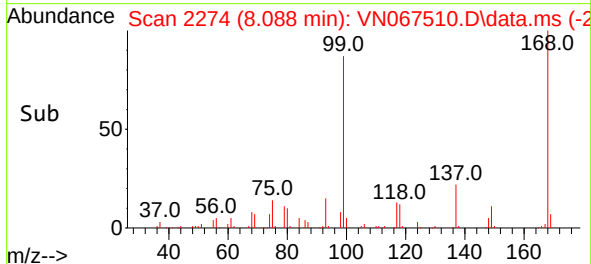
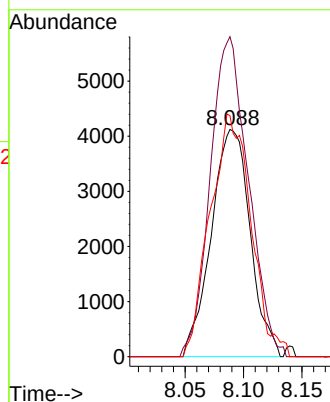
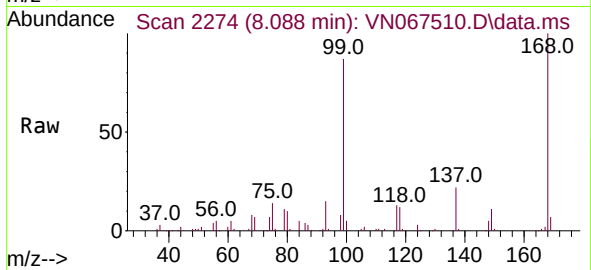




#31
Cyclohexane
Concen: 1.51 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN067510.D
Acq: 25 Jun 2021 17:33

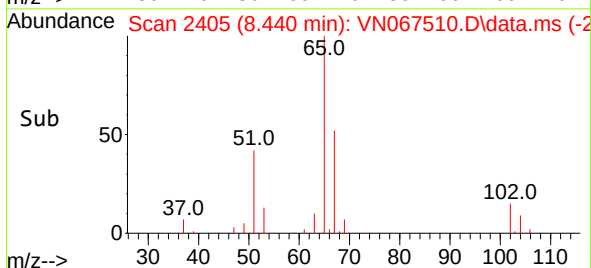
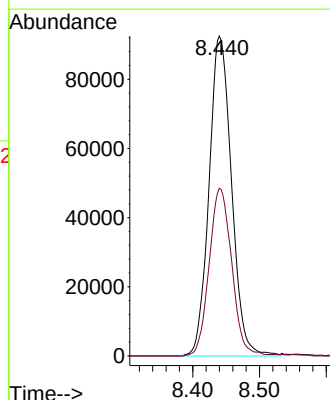
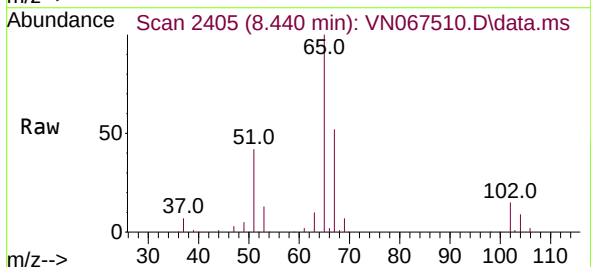
Instrument :
MSVOA_N
ClientSampleId :

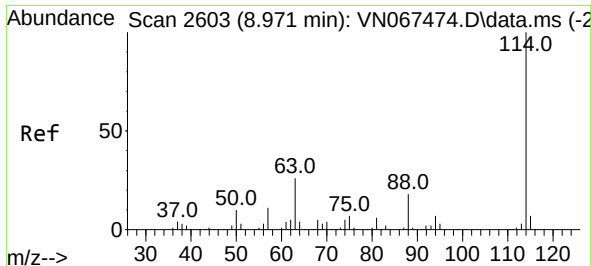
Tgt Ion: 56 Resp: 9538
Ion Ratio Lower Upper
56 100
69 140.8 27.3 40.9#
84 106.1 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 55.01 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067510.D
Acq: 25 Jun 2021 17:33

Tgt Ion: 65 Resp: 216769
Ion Ratio Lower Upper
65 100
67 52.4 0.0 98.6

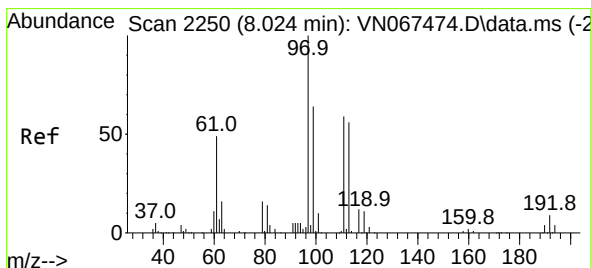
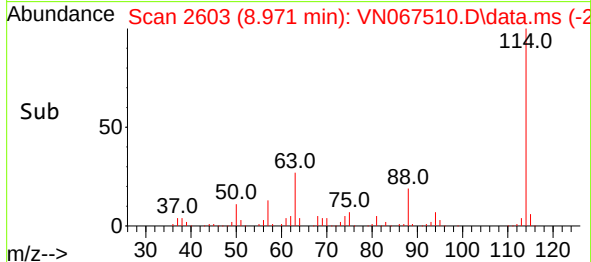
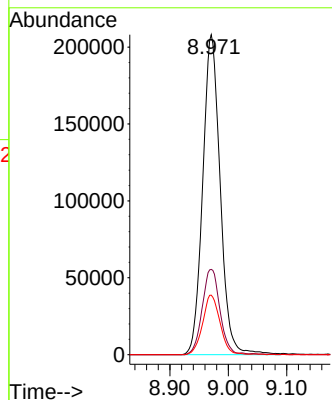
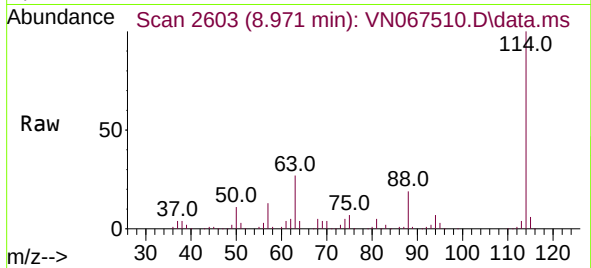




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067510.D
Acq: 25 Jun 2021 17:33

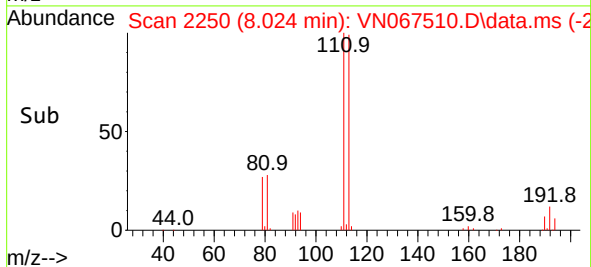
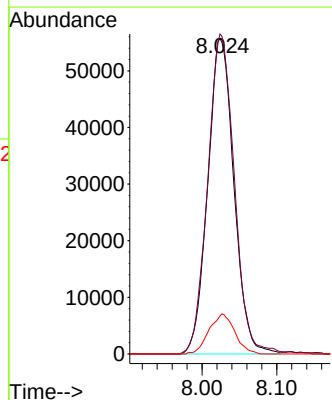
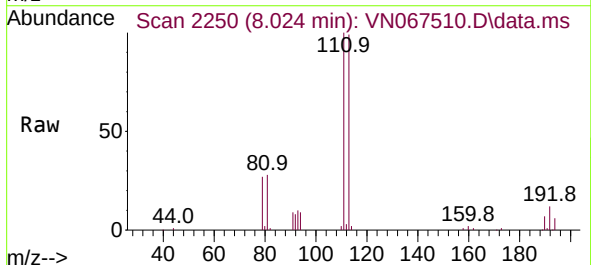
Instrument :
MSVOA_N
ClientSampleId :

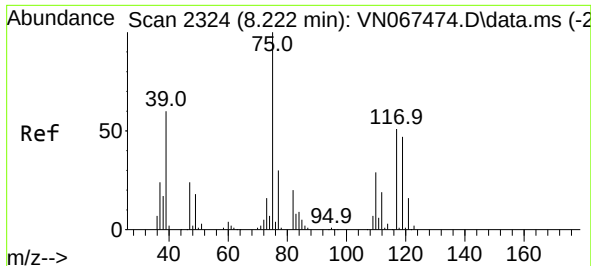
Tgt Ion:114 Resp: 432969
Ion Ratio Lower Upper
114 100
63 26.6 0.0 49.0
88 18.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.76 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067510.D
Acq: 25 Jun 2021 17:33

Tgt Ion:113 Resp: 135385
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.8
192 12.5 13.4 20.0#





#36

1,1-Dichloropropene

Concen: 5.51 ug/l

RT: 8.088 min Scan# 2274

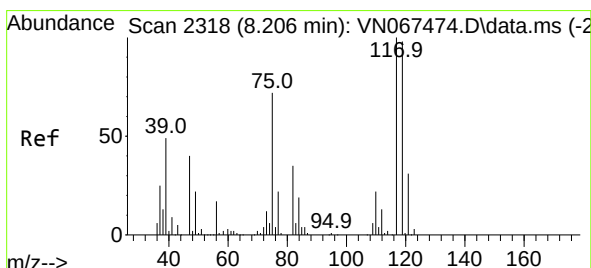
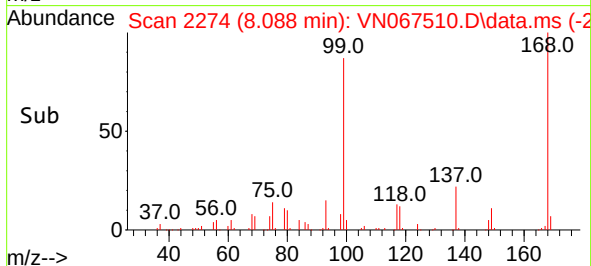
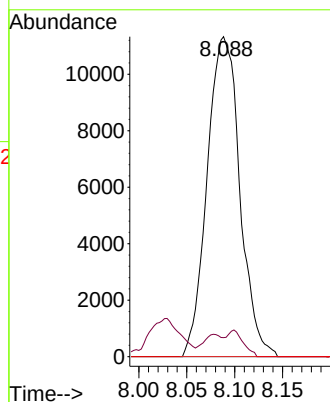
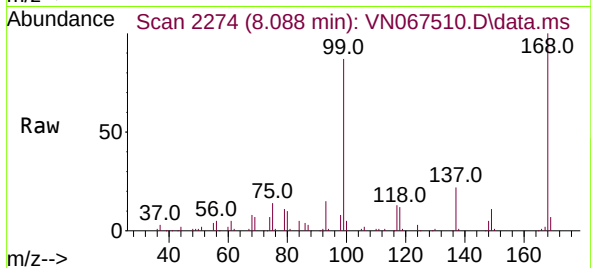
Delta R.T. -0.134 min

Lab File: VN067510.D

Acq: 25 Jun 2021 17:33

Tgt Ion:	75	Resp:	26855
Ion Ratio	Lower	Upper	
75	100		
110	4.2	15.7	47.0#
77	0.0	24.6	37.0#

Instrument :
MSVOA_N
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.36 ug/l

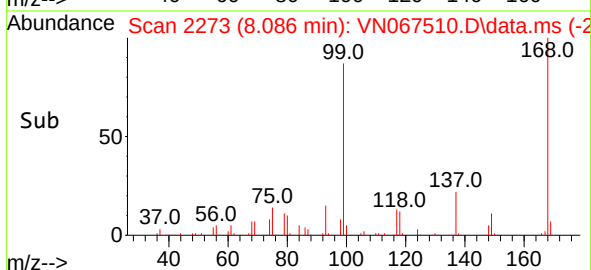
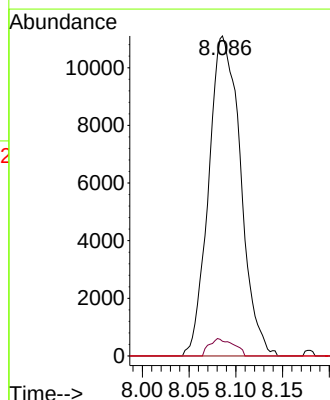
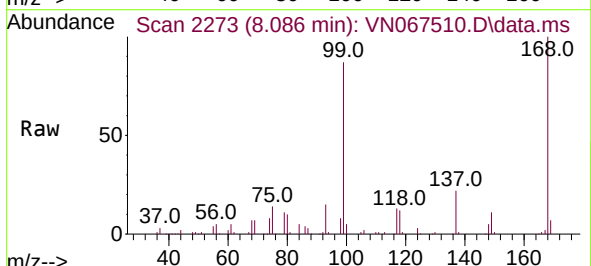
RT: 8.086 min Scan# 2273

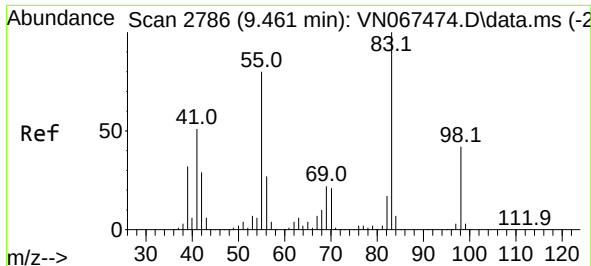
Delta R.T. -0.120 min

Lab File: VN067510.D

Acq: 25 Jun 2021 17:33

Tgt Ion:	117	Resp:	26401
Ion Ratio	Lower	Upper	
117	100		
119	4.6	75.4	113.2#
121	0.0	23.5	35.3#

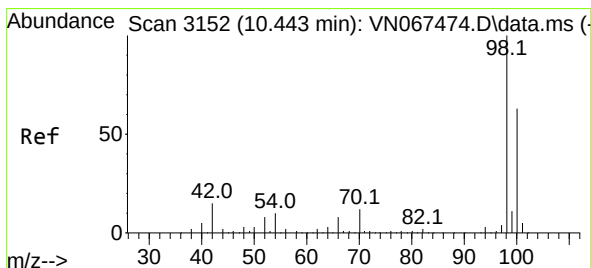
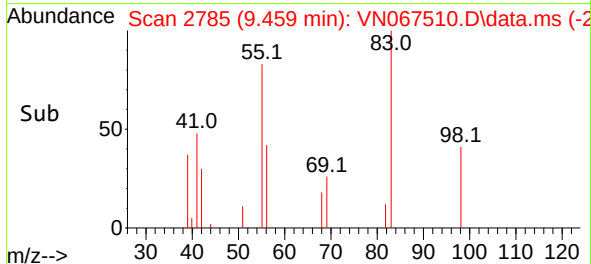
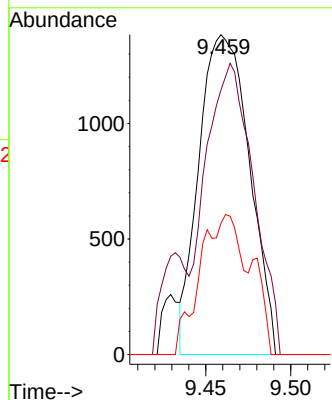
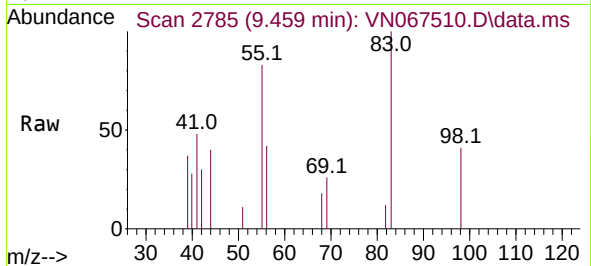




#39
Methylcyclohexane
Concen: 0.51 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.002 min
Lab File: VN067510.D
Acq: 25 Jun 2021 17:33

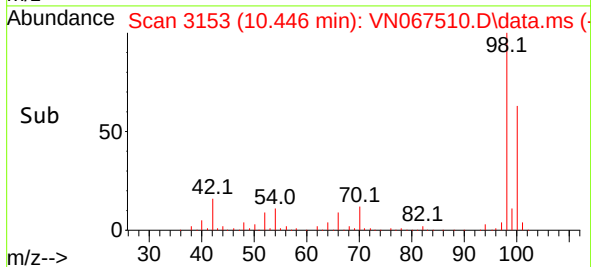
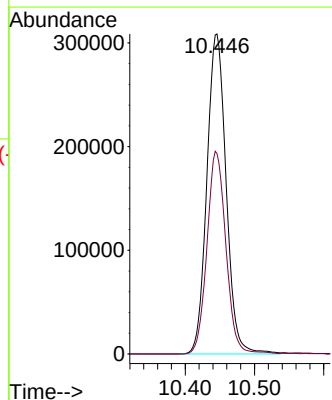
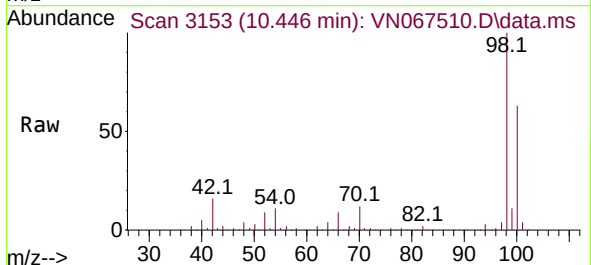
Instrument :
MSVOA_N
ClientSampleId :

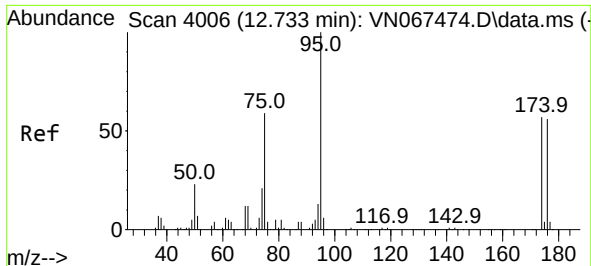
Tgt Ion: 83 Resp: 2858
Ion Ratio Lower Upper
83 100
55 82.7 66.6 99.8
98 41.0 35.3 52.9



#50
Toluene-d8
Concen: 52.49 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067510.D
Acq: 25 Jun 2021 17:33

Tgt Ion: 98 Resp: 597172
Ion Ratio Lower Upper
98 100
100 62.3 51.7 77.5

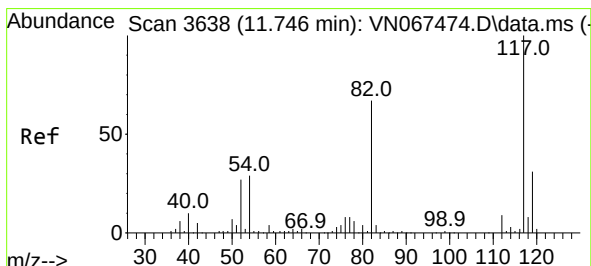
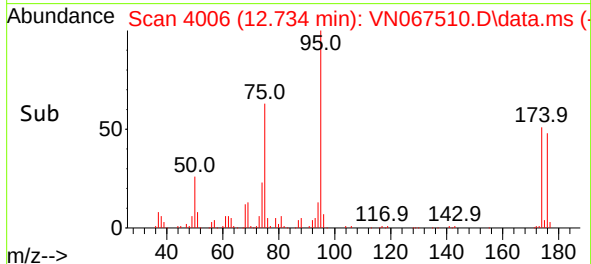
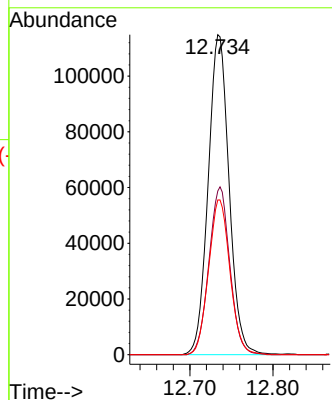
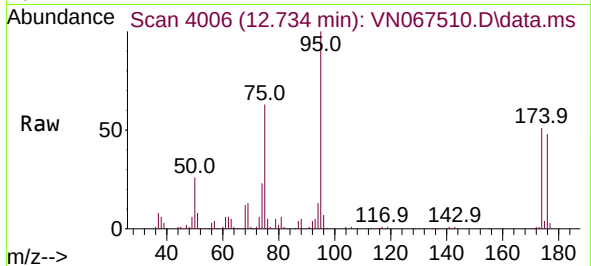




#62
4-Bromofluorobenzene
Concen: 49.53 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067510.D
Acq: 25 Jun 2021 17:33

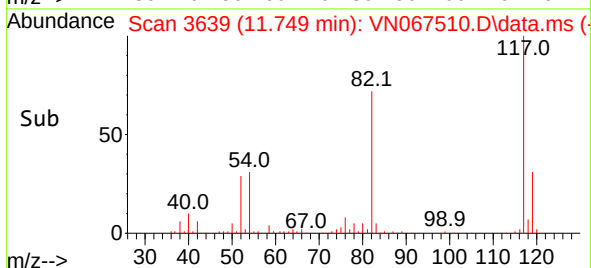
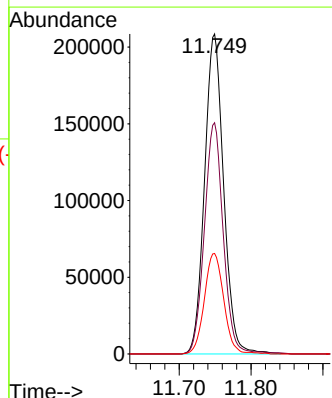
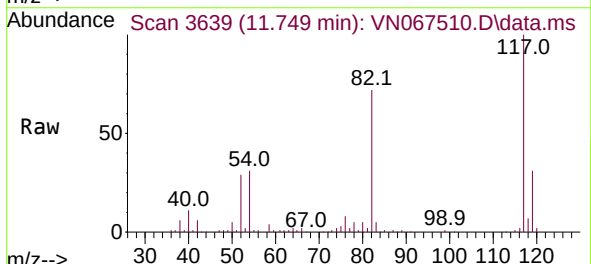
Instrument :
MSVOA_N
ClientSampleId :

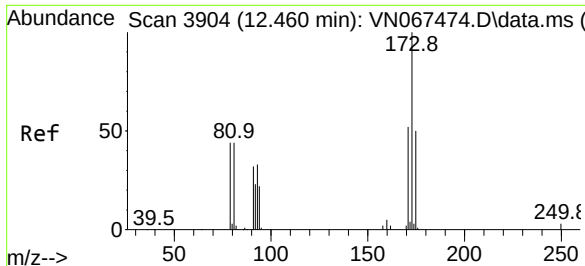
Tgt Ion: 95 Resp: 200748
Ion Ratio Lower Upper
95 100
174 52.3 0.0 122.0
176 49.5 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067510.D
Acq: 25 Jun 2021 17:33

Tgt Ion: 117 Resp: 385265
Ion Ratio Lower Upper
117 100
82 72.3 53.1 79.7
119 31.4 25.5 38.3

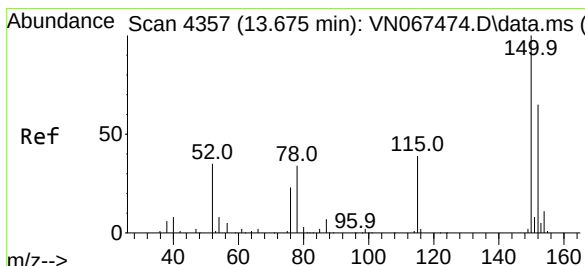
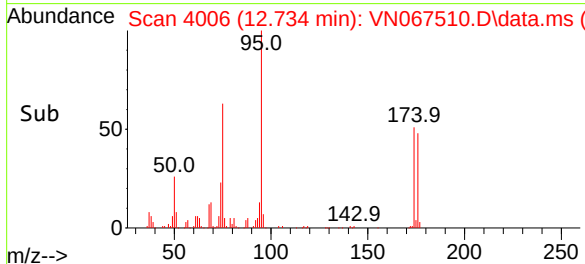
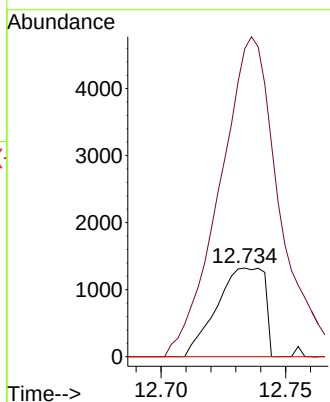
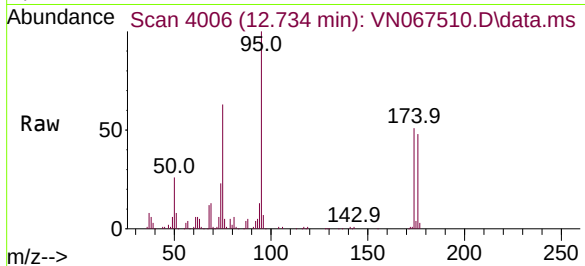




#71
Bromoform
Concen: 3.46 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.274 min
Lab File: VN067510.D
Acq: 25 Jun 2021 17:33

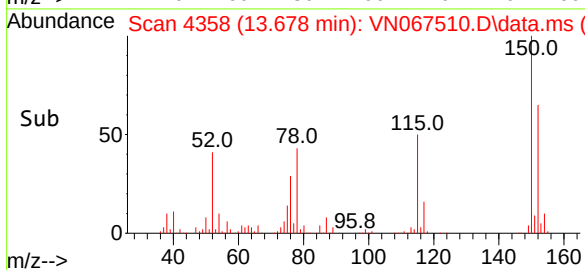
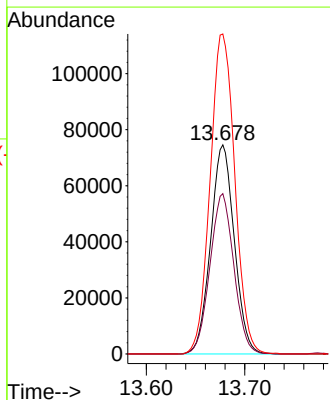
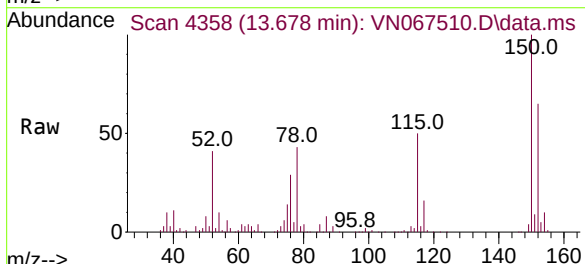
Instrument :
MSVOA_N
ClientSampleId :

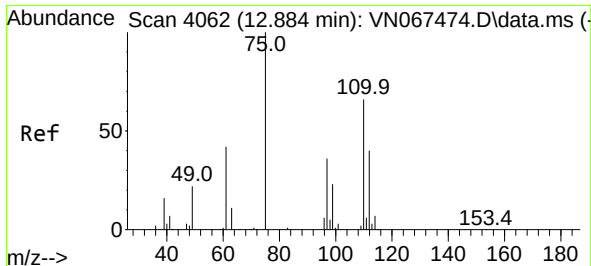
Tgt Ion:173 Resp: 1772
Ion Ratio Lower Upper
173 100
175 401.4 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067510.D
Acq: 25 Jun 2021 17:33

Tgt Ion:152 Resp: 125044
Ion Ratio Lower Upper
152 100
115 77.3 36.1 108.5
150 159.1 0.0 351.8

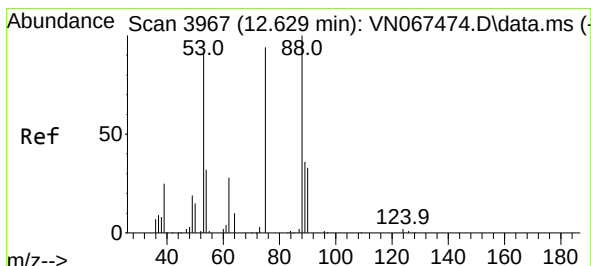
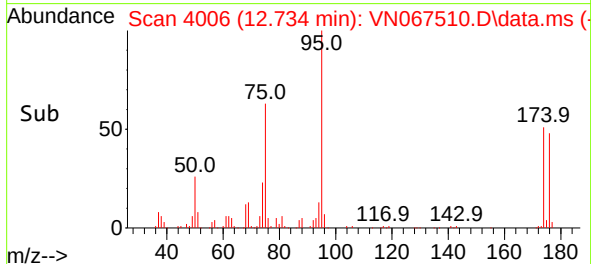
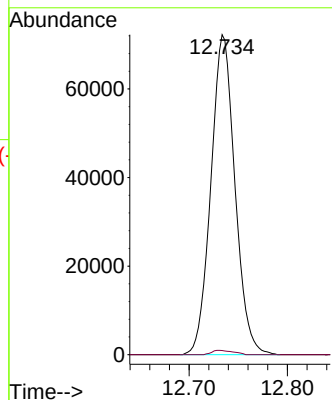
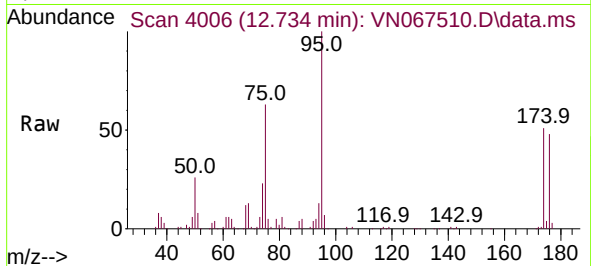




#76
1,2,3-Trichloropropane
Concen: 33.41 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067510.D
Acq: 25 Jun 2021 17:33

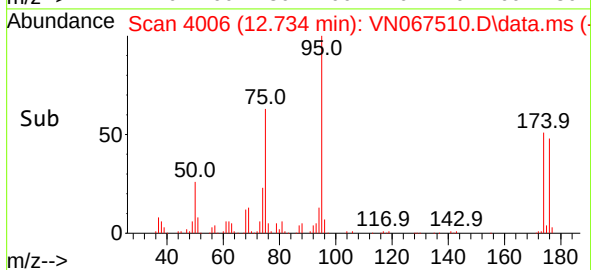
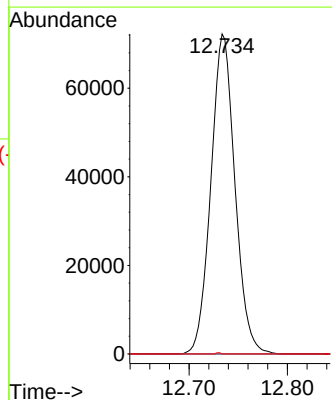
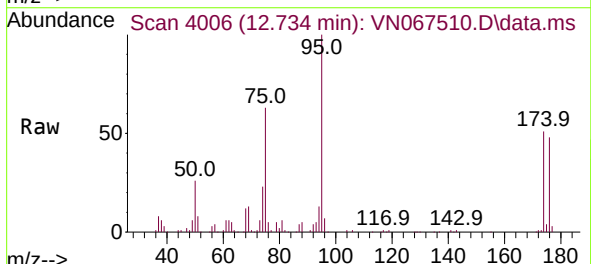
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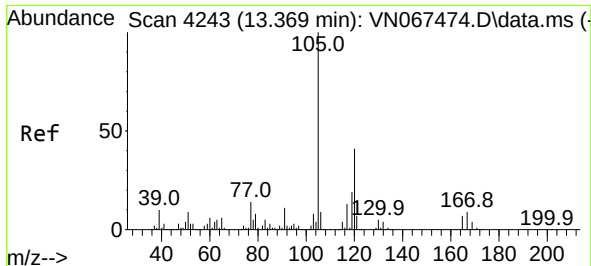
Tgt Ion: 75 Resp: 122940
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.41 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067510.D
Acq: 25 Jun 2021 17:33

Tgt Ion: 75 Resp: 122940
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.1 37.8 56.8#

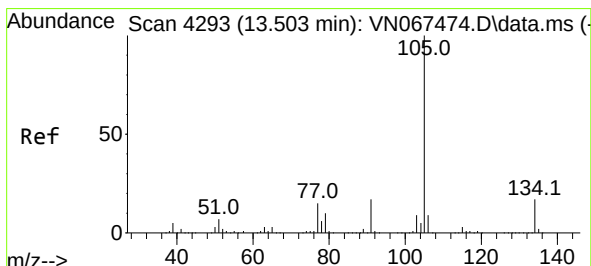
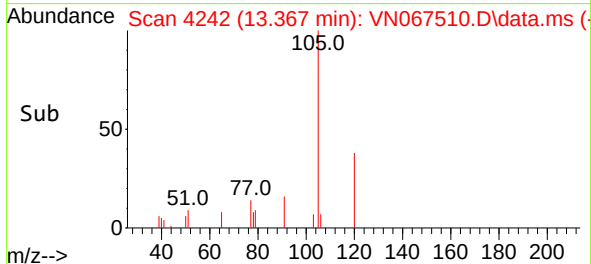
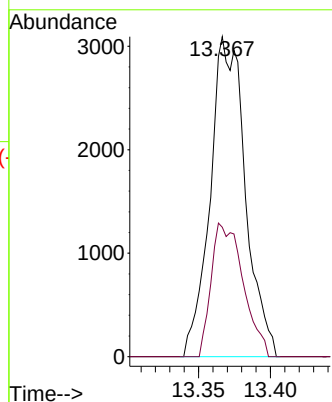
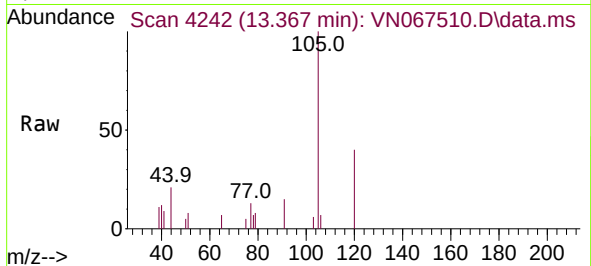




#84
1,2,4-Trimethylbenzene
Concen: 0.51 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.002 min
Lab File: VN067510.D
Acq: 25 Jun 2021 17:33

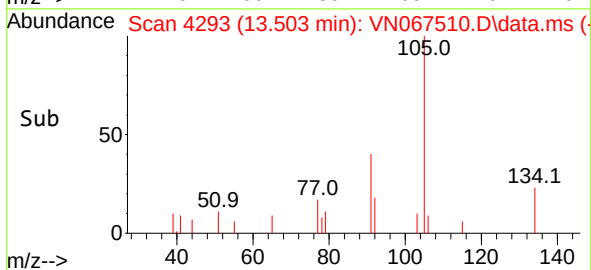
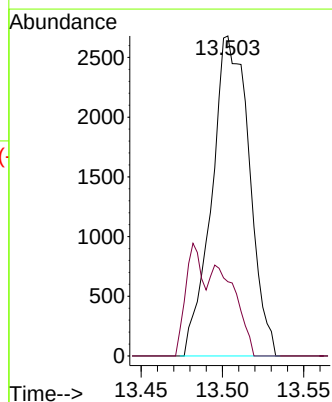
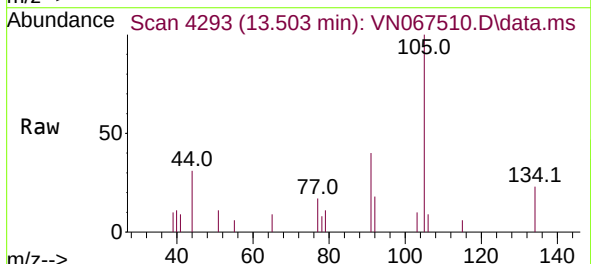
Instrument :
MSVOA_N
ClientSampleId :

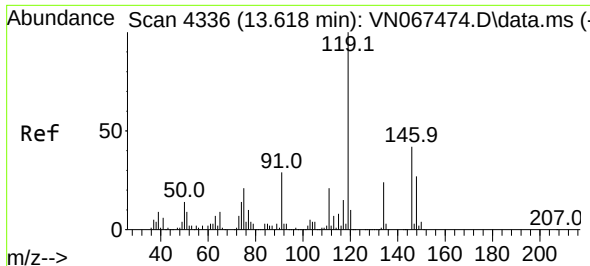
Tgt Ion:105 Resp: 5246
Ion Ratio Lower Upper
105 100
120 37.8 20.6 61.8



#85
sec-Butylbenzene
Concen: 0.35 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN067510.D
Acq: 25 Jun 2021 17:33

Tgt Ion:105 Resp: 4294
Ion Ratio Lower Upper
105 100
134 20.1 9.0 27.1

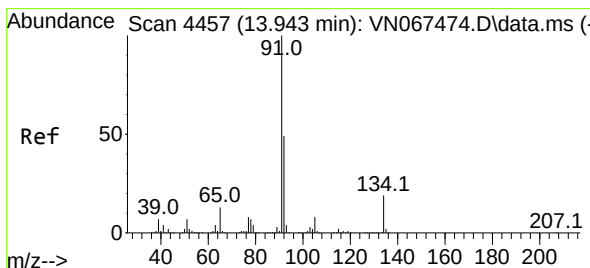
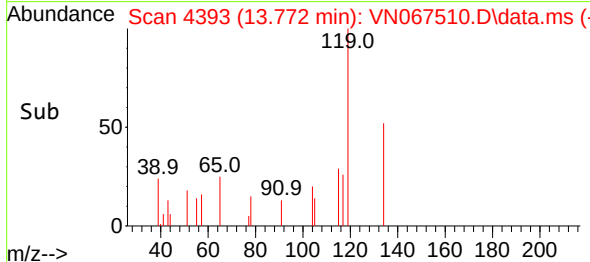
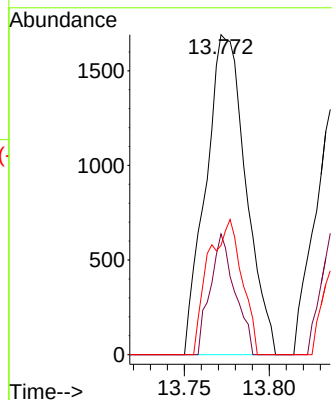
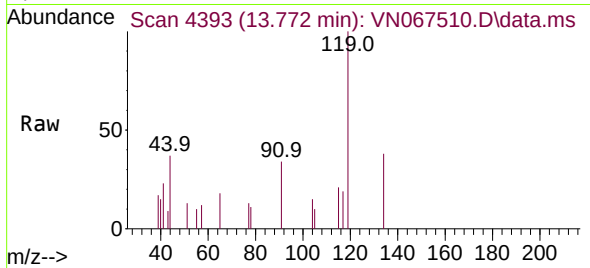




#86
p-Isopropyltoluene
Concen: 0.30 ug/l
RT: 13.772 min Scan# 4393
Delta R.T. 0.153 min
Lab File: VN067510.D
Acq: 25 Jun 2021 17:33

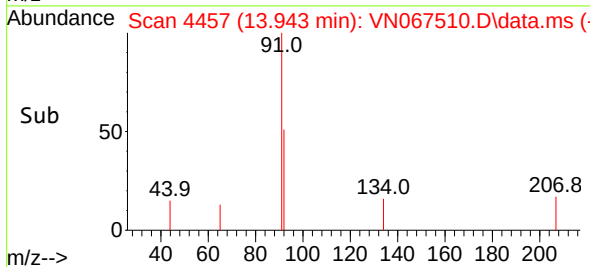
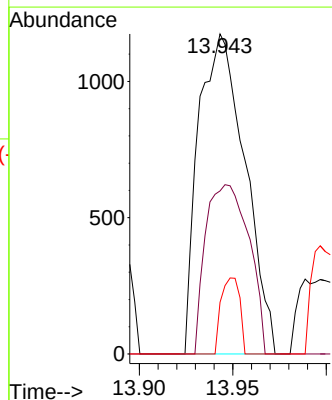
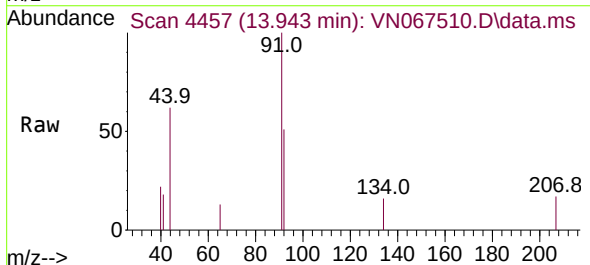
Instrument :
MSVOA_N
ClientSampleId :

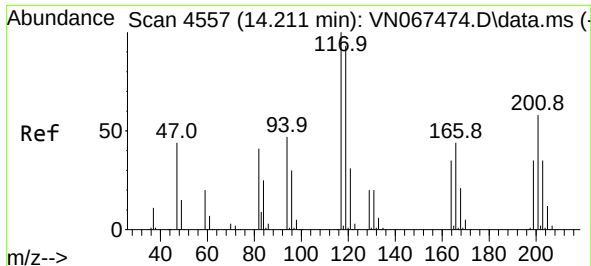
Tgt Ion:119 Resp: 2763
Ion Ratio Lower Upper
119 100
134 23.2 12.4 37.4
91 35.4 14.8 44.3



#89
n-Butylbenzene
Concen: 0.22 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN067510.D
Acq: 25 Jun 2021 17:33

Tgt Ion: 91 Resp: 2025
Ion Ratio Lower Upper
91 100
92 49.3 25.7 77.1
134 9.6 11.2 33.6#

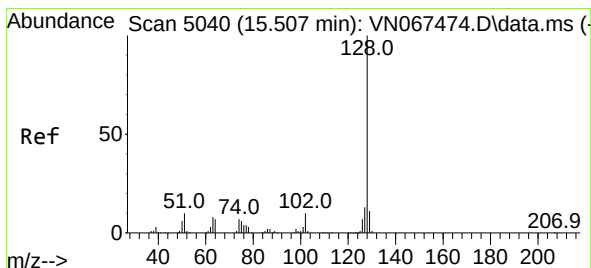
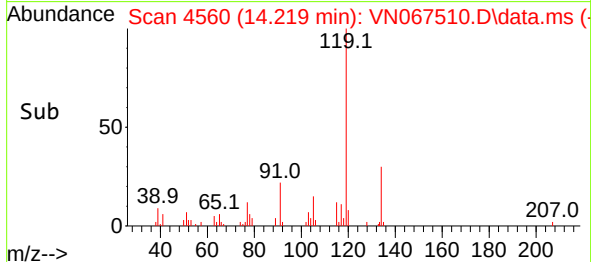
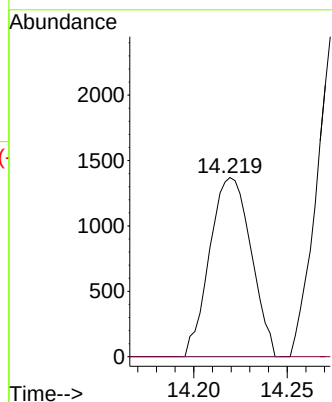
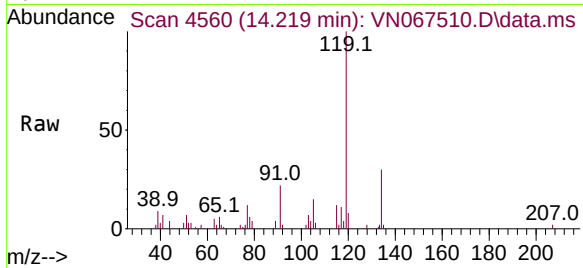




#90
Hexachloroethane
Concen: 1.21 ug/l
RT: 14.219 min Scan# 4560
Delta R.T. 0.008 min
Lab File: VN067510.D
Acq: 25 Jun 2021 17:33

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:117 Resp: 2113
Ion Ratio Lower Upper
117 100
201 0.0 33.5 100.5#



#95
Naphthalene
Concen: 3.68 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067510.D
Acq: 25 Jun 2021 17:33

Tgt Ion:128 Resp: 2541
Ion Ratio Lower Upper
128 100
127 7.8 10.6 15.8#
129 2.1 8.6 12.8#

