

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052621\
 Data File : VN067174.D
 Acq On : 26 May 2021 18:05
 Operator : JC/MD
 Sample : M2529-02 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41791

Quant Time: May 27 02:41:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052121W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 21 17:24:08 2021
 Response via : Initial Calibration

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

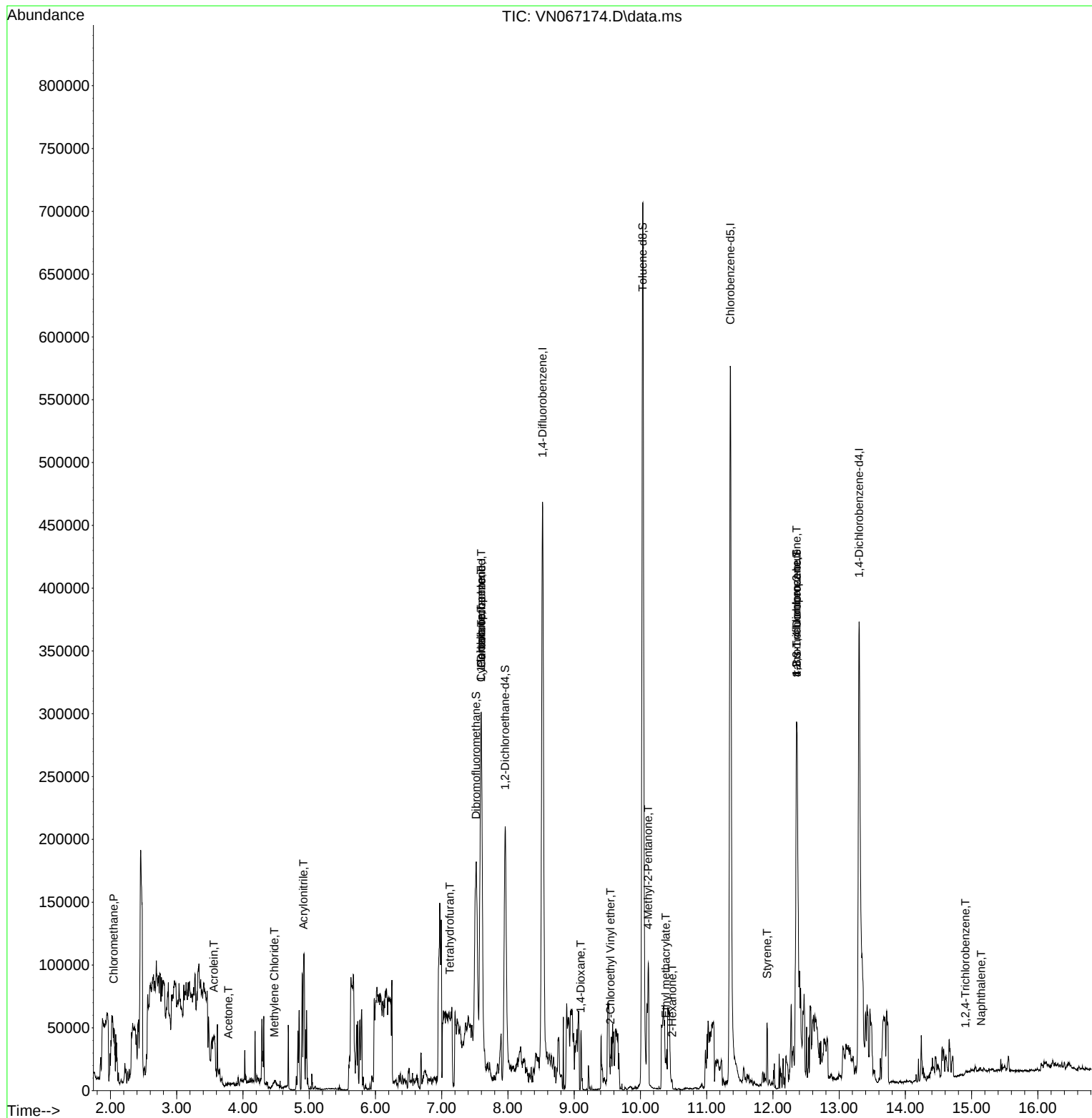
Internal Standards						
1) Pentafluorobenzene	7.597	168	225181	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.522	114	423618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	367846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.301	152	125097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	175570	50.24	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.48%			
35) Dibromofluoromethane	7.519	113	131488	50.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.16%			
50) Toluene-d8	10.035	98	496473	49.62	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.24%			
62) 4-Bromofluorobenzene	12.357	95	135360	39.57	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 79.14%			
Target Compounds						Qvalue
3) Chloromethane	2.048	50	868	0.22	ug/l	96
13) Acrolein	3.558	56	144	0.24	ug/l #	16
15) Acrylonitrile	4.912	53	342	0.23	ug/l #	8
16) Acetone	3.778	43	383	0.27	ug/l #	73
20) Methylene Chloride	4.472	84	1095	0.31	ug/l #	77
29) Tetrahydrofuran	7.122	42	409	0.28	ug/l #	39
31) Cyclohexane	7.592	56	5193	0.96	ug/l #	22
36) 1,1-Dichloropropene	7.592	75	19195	4.48	ug/l #	51
38) Carbon Tetrachloride	7.597	117	23505	5.63	ug/l #	16
49) 1,4-Dioxane	9.099	88	52	61.51	ug/l #	1
51) 4-Methyl-2-Pentanone	10.115	43	1054	0.23	ug/l	87
56) Ethyl methacrylate	10.383	69	153	2.82	ug/l #	67
58) 2-Chloroethyl Vinyl ether	9.547	63	194	7.00	ug/l	91
59) 2-Hexanone	10.480	43	94	18.89	ug/l	94
70) Styrene	11.912	104	204	2.52	ug/l #	1
76) 1,2,3-Trichloropropane	12.357	75	82414	23.67	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.357	75	82414	67.07	ug/l #	16
93) 1,2,4-Trichlorobenzene	14.905	180	25	3.27	ug/l #	13
95) Naphthalene	15.141	128	376	3.92	ug/l #	69

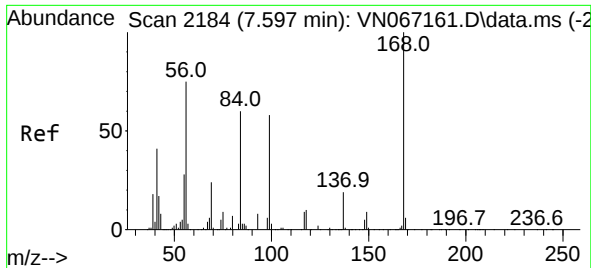
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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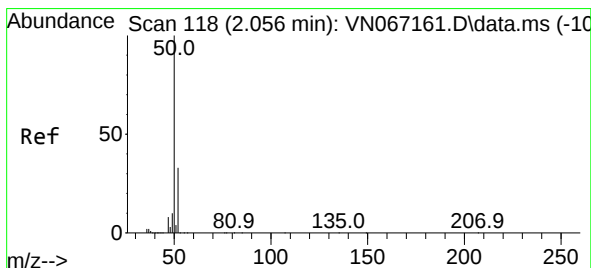
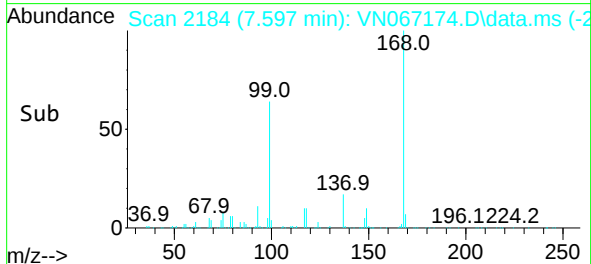
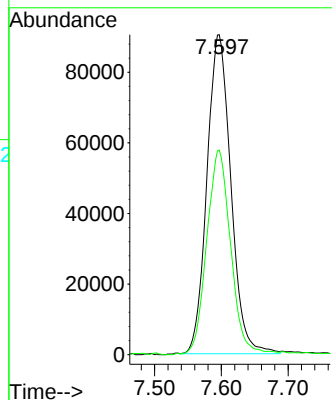
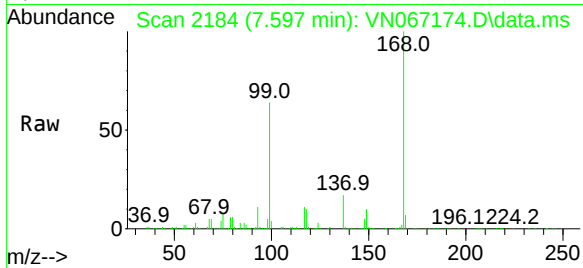




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

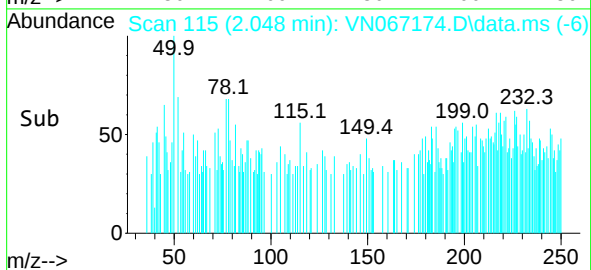
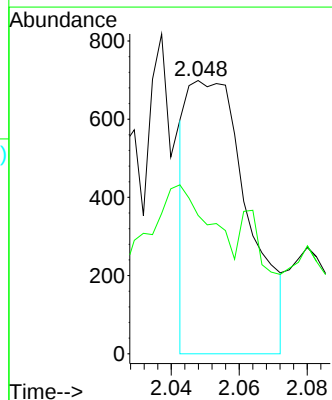
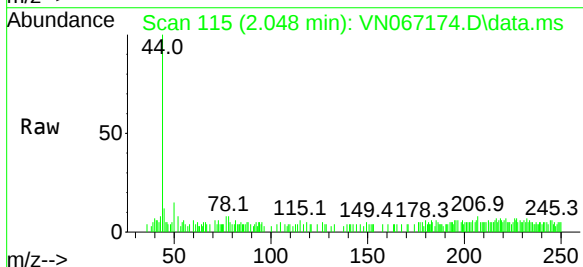
Instrument :
MSVOA_N
ClientSampleId :
41791

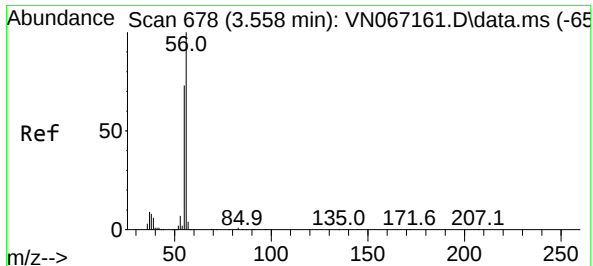
Tgt Ion:168 Resp: 225181
Ion Ratio Lower Upper
168 100
99 64.0 38.5 57.7#



#3
Chloromethane
Concen: 0.22 ug/l
RT: 2.048 min Scan# 115
Delta R.T. -0.008 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

Tgt Ion: 50 Resp: 868
Ion Ratio Lower Upper
50 100
52 30.7 26.5 39.7

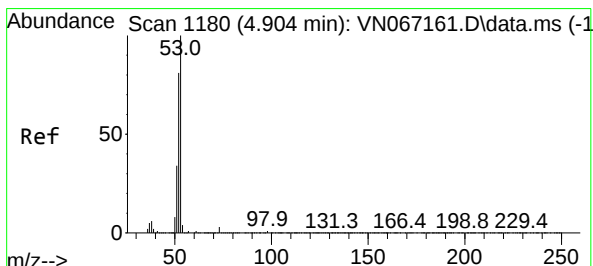
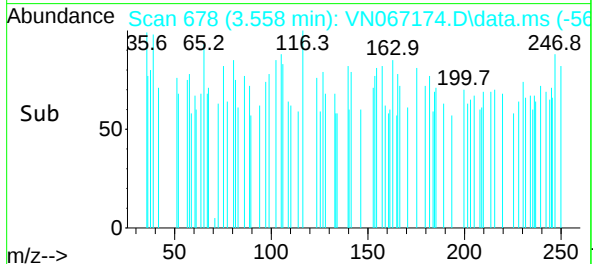
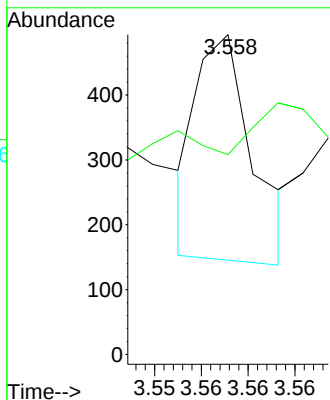
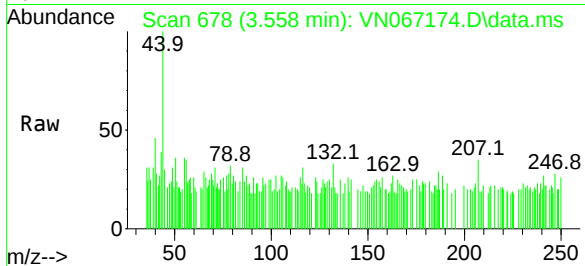




#13
Acrolein
Concen: 0.24 ug/l
RT: 3.558 min Scan# 678
Delta R.T. -0.000 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

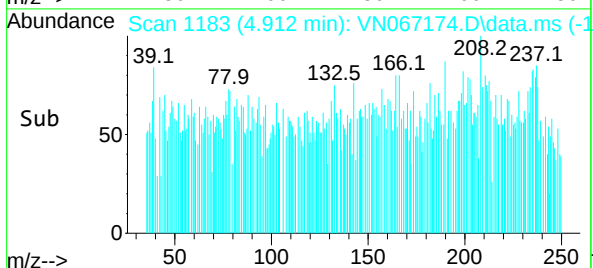
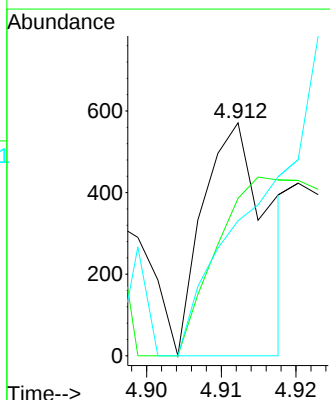
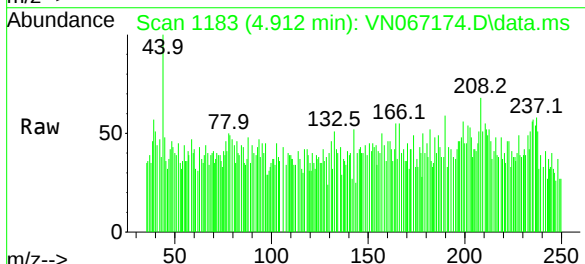
Instrument :
MSVOA_N
ClientSampleId :
41791

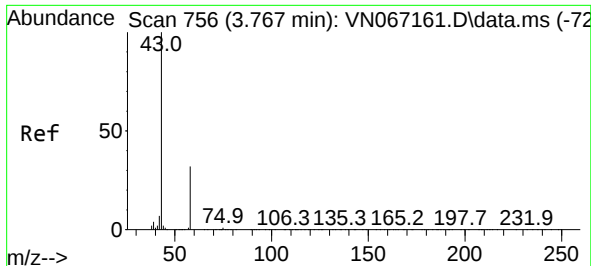
Tgt Ion: 56 Resp: 144
Ion Ratio Lower Upper
56 100
55 0.0 53.8 80.6#



#15
Acrylonitrile
Concen: 0.23 ug/l
RT: 4.912 min Scan# 1183
Delta R.T. 0.008 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

Tgt Ion: 53 Resp: 342
Ion Ratio Lower Upper
53 100
52 177.8 66.6 100.0#
51 0.0 28.6 42.8#

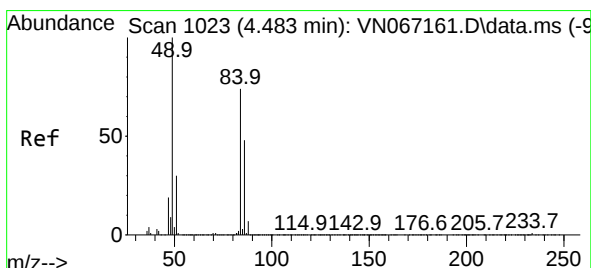
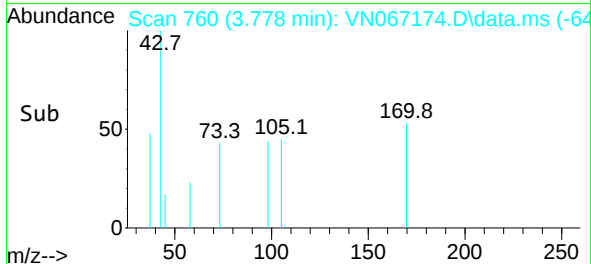
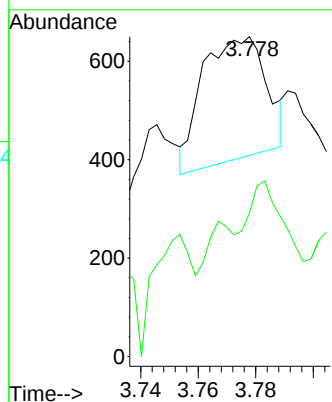
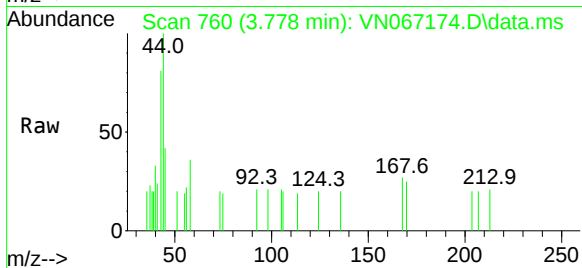




#16
Acetone
Concen: 0.27 ug/l
RT: 3.778 min Scan# 760
Delta R.T. 0.011 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

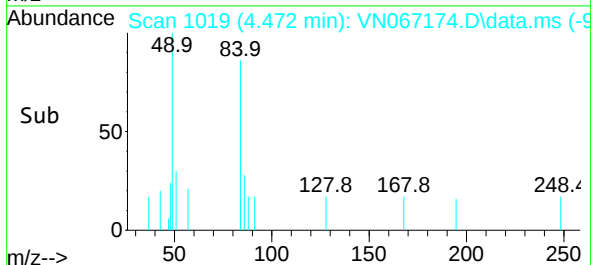
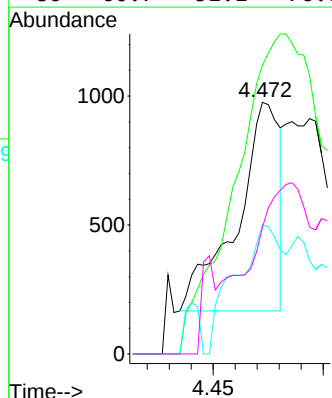
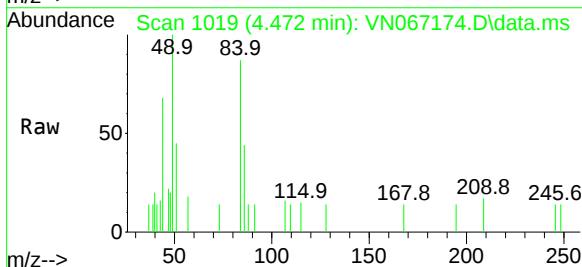
Instrument :
MSVOA_N
ClientSampleId :
41791

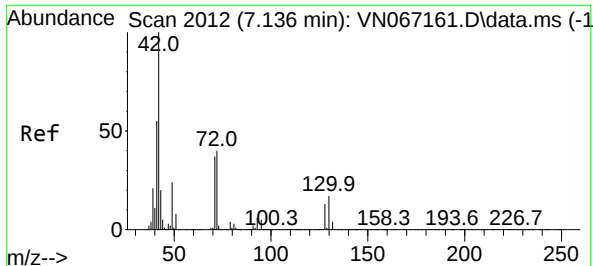
Tgt Ion: 43 Resp: 383
Ion Ratio Lower Upper
43 100
58 18.8 27.2 40.8#



#20
Methylene Chloride
Concen: 0.31 ug/l
RT: 4.472 min Scan# 1019
Delta R.T. -0.011 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

Tgt Ion: 84 Resp: 1095
Ion Ratio Lower Upper
84 100
49 138.4 88.3 132.5#
51 61.9 26.7 40.1#
86 60.7 51.1 76.7





#29

Tetrahydrofuran

Concen: 0.28 ug/l

RT: 7.122 min Scan# 2007

Delta R.T. -0.014 min

Lab File: VN067174.D

Acq: 26 May 2021 18:05

Tgt Ion: 42 Resp: 409

Ion Ratio Lower Upper

42 100

72 0.0 40.1 60.1#

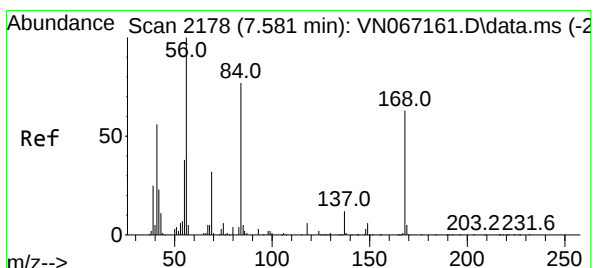
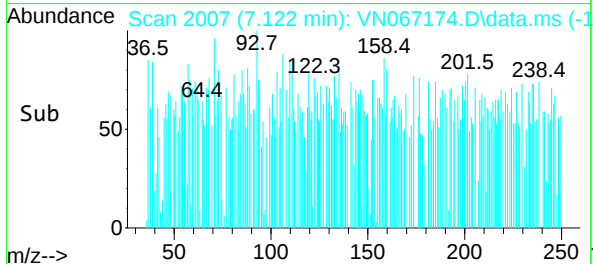
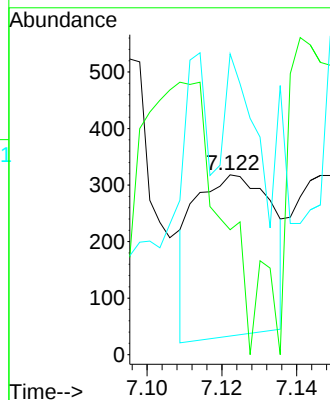
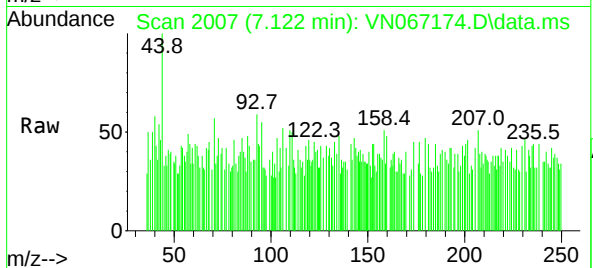
71 80.2 37.9 56.9#

Instrument :

MSVOA_N

ClientSampled :

41791



#31

Cyclohexane

Concen: 0.96 ug/l

RT: 7.592 min Scan# 2182

Delta R.T. 0.011 min

Lab File: VN067174.D

Acq: 26 May 2021 18:05

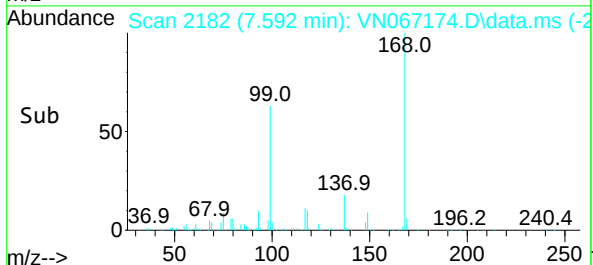
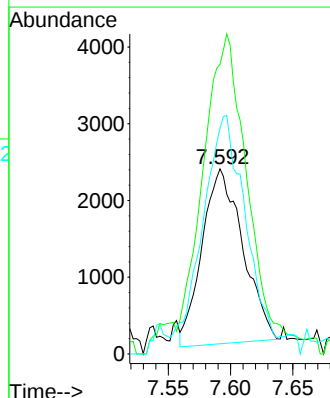
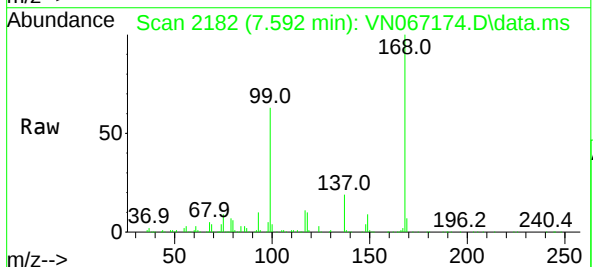
Tgt Ion: 56 Resp: 5193

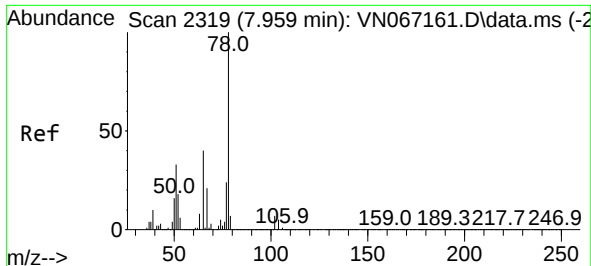
Ion Ratio Lower Upper

56 100

69 153.3 28.0 42.0#

84 122.4 74.2 111.2#

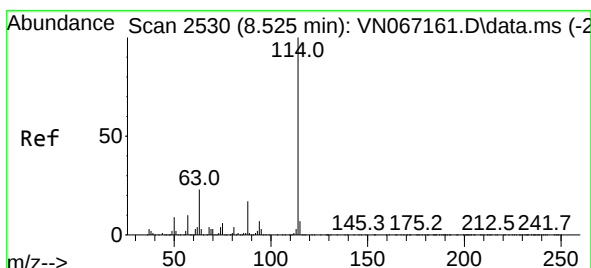
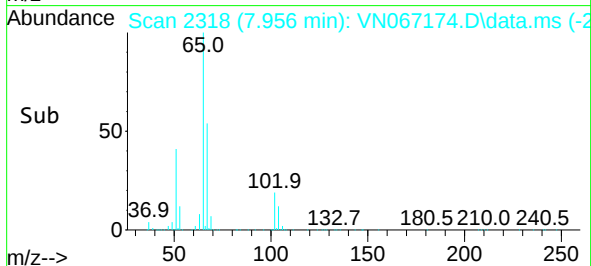
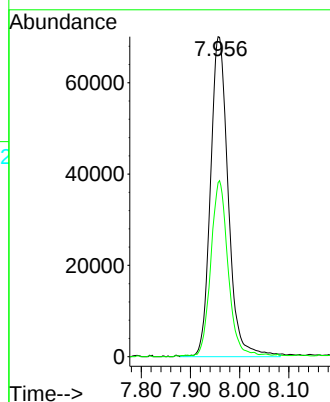
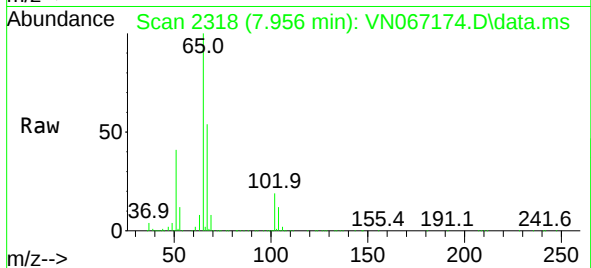




#33
1,2-Dichloroethane-d4
Concen: 50.24 ug/l
RT: 7.956 min Scan# 2318
Delta R.T. -0.003 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

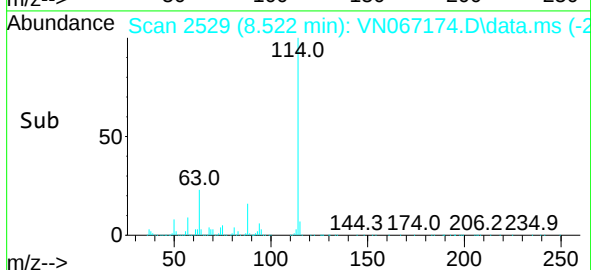
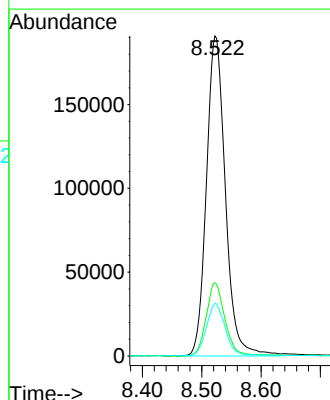
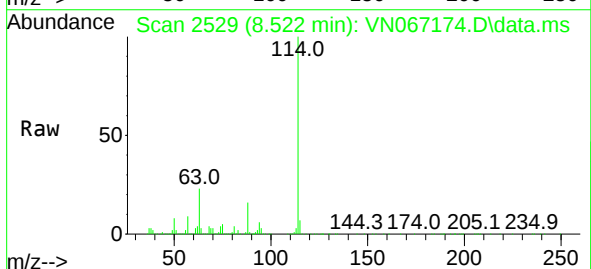
Instrument :
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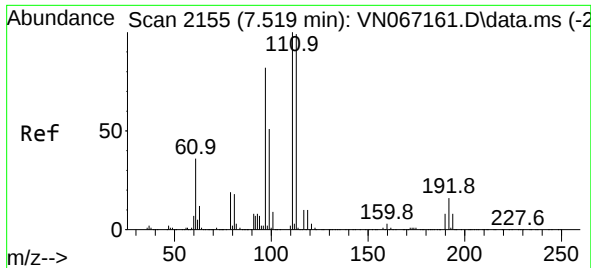
Tgt Ion: 65 Resp: 175570
Ion Ratio Lower Upper
65 100
67 52.4 0.0 110.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.522 min Scan# 2529
Delta R.T. -0.003 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

Tgt Ion: 114 Resp: 423618
Ion Ratio Lower Upper
114 100
63 22.9 0.0 35.8
88 16.4 0.0 30.4

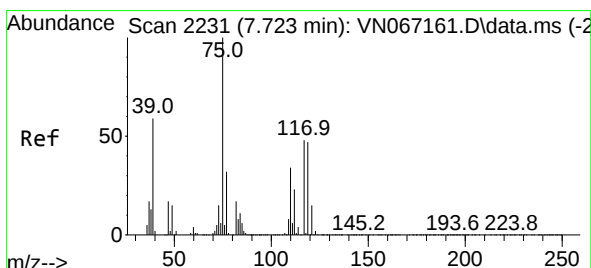
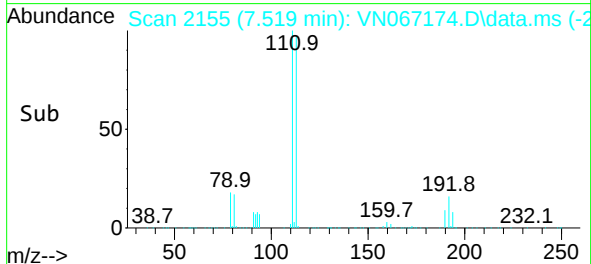
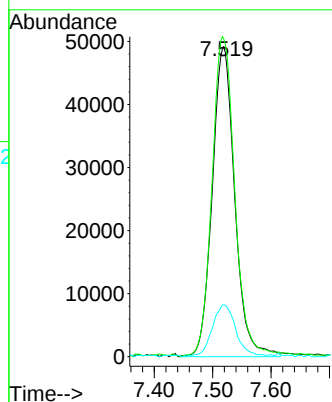
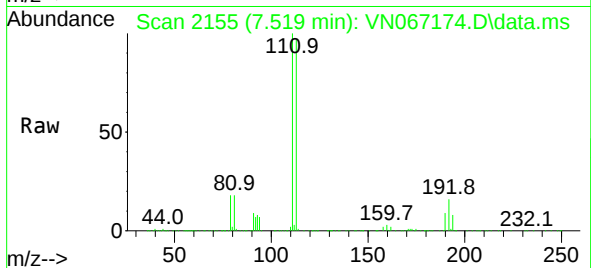




#35
Dibromofluoromethane
Concen: 50.58 ug/l
RT: 7.519 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

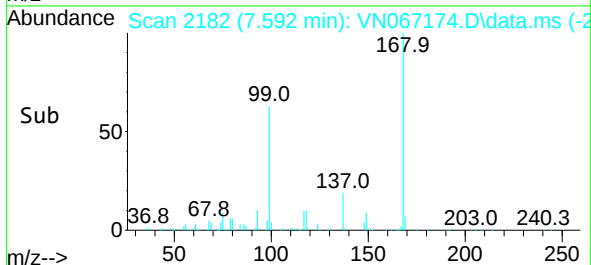
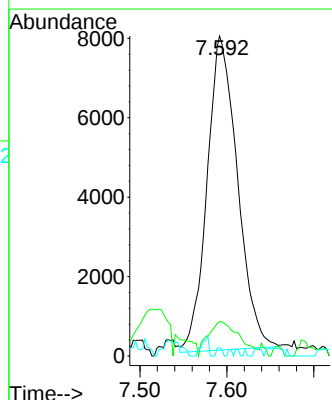
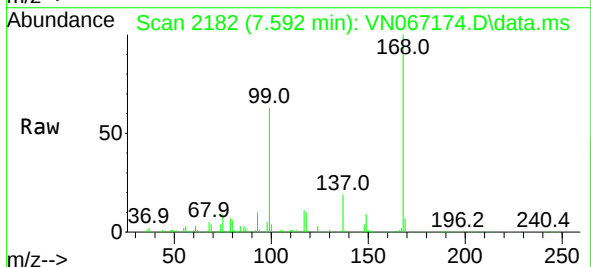
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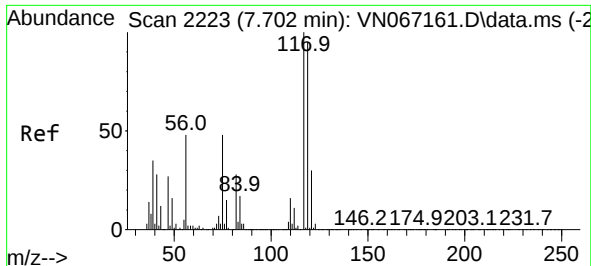
Tgt Ion:113 Resp: 131488
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 17.7 18.2 27.4#



#36
1,1-Dichloropropene
Concen: 4.48 ug/l
RT: 7.592 min Scan# 2182
Delta R.T. -0.131 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

Tgt Ion: 75 Resp: 19195
Ion Ratio Lower Upper
75 100
110 11.3 19.1 57.3#
77 0.5 24.8 37.2#

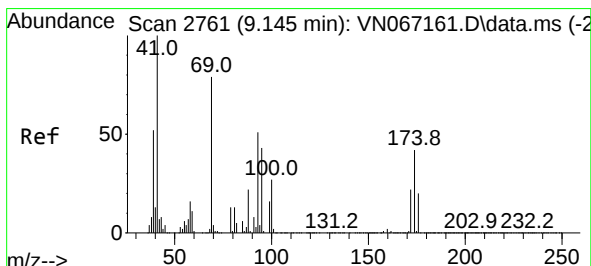
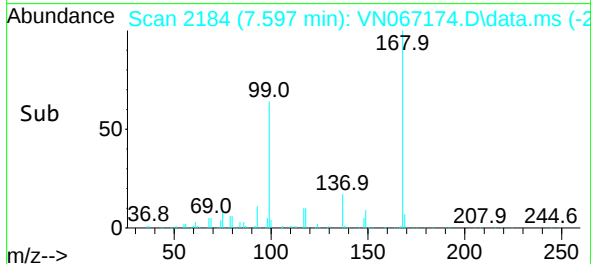
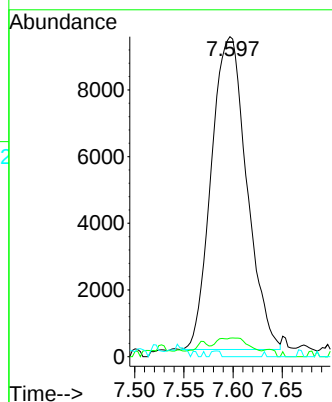
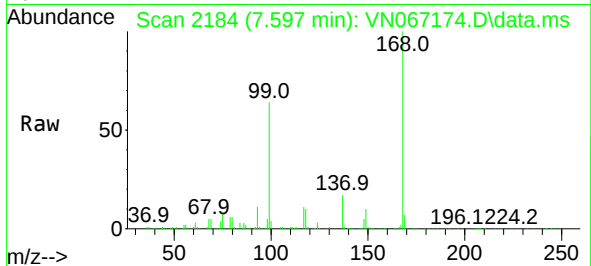




#38
Carbon Tetrachloride
Concen: 5.63 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.105 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

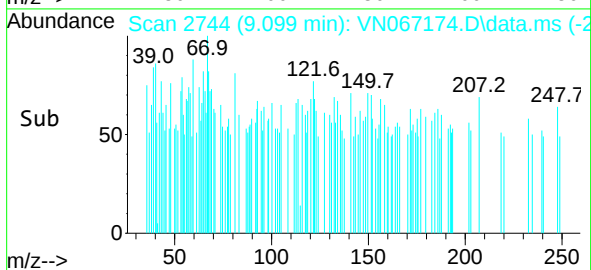
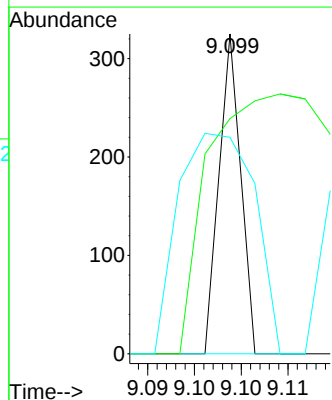
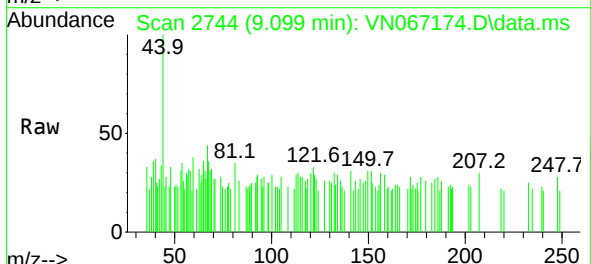
Instrument :
MSVOA_N
ClientSampled :
41791

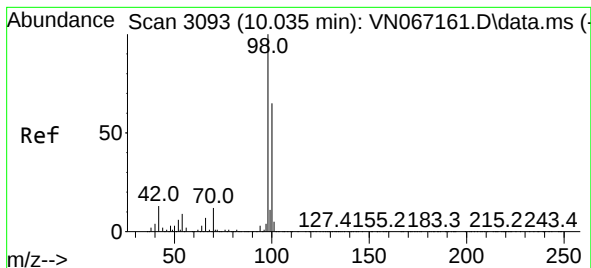
Tgt Ion:117 Resp: 23505
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.7 37.1#



#49
1,4-Dioxane
Concen: 61.51 ug/l
RT: 9.099 min Scan# 2744
Delta R.T. -0.046 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

Tgt Ion: 88 Resp: 52
Ion Ratio Lower Upper
88 100
43 0.0 21.8 32.8#
58 246.2 50.8 76.2#

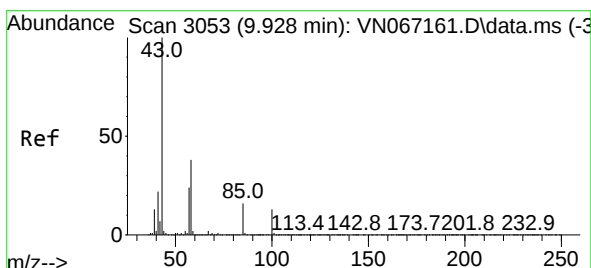
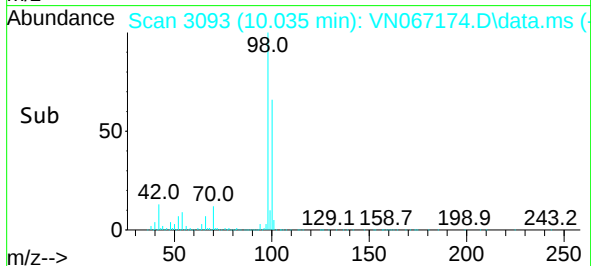
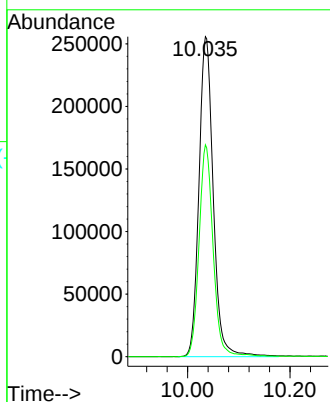
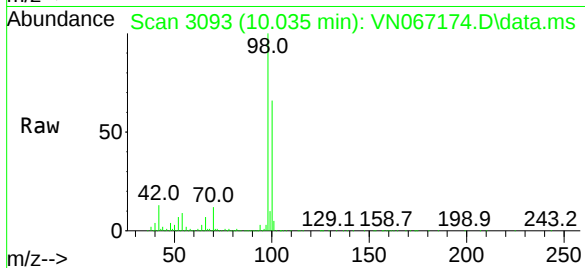




#50
Toluene-d8
Concen: 49.62 ug/l
RT: 10.035 min Scan# 3093
Delta R.T. -0.000 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

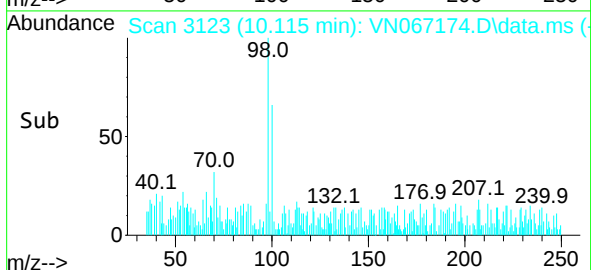
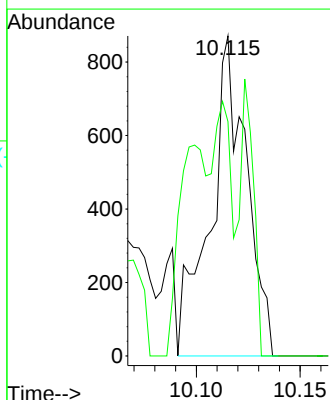
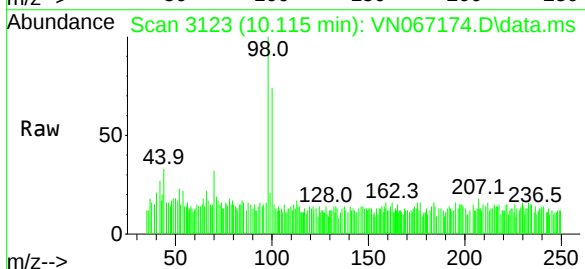
Instrument :
MSVOA_N
ClientSampleId :
41791

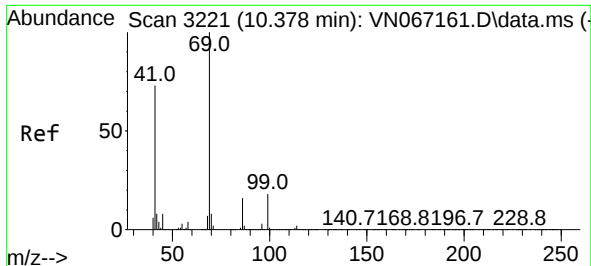
Tgt Ion: 98 Resp: 496473
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 10.115 min Scan# 3123
Delta R.T. 0.187 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
58 34.7 34.5 51.7

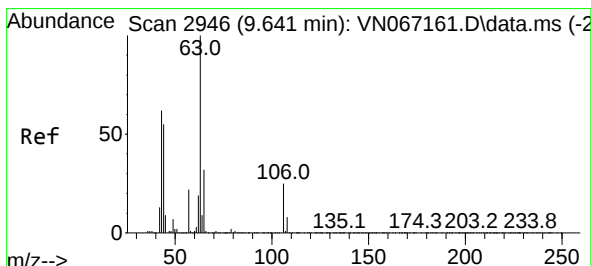
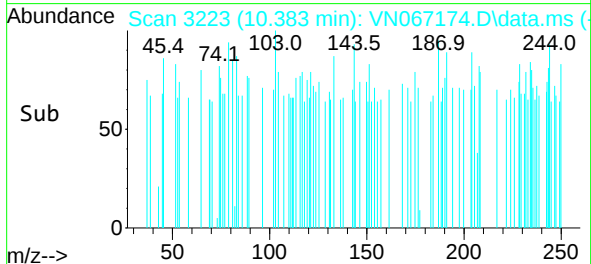
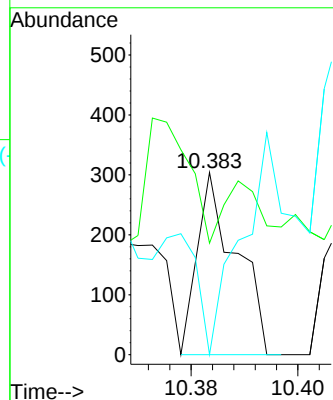
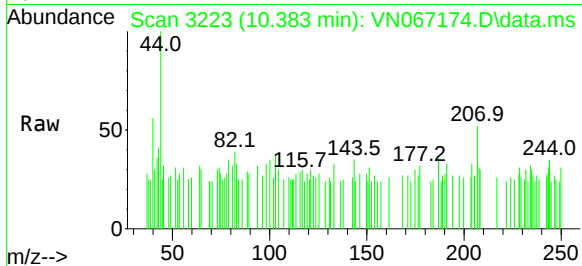




#56
Ethyl methacrylate
Concen: 2.82 ug/l
RT: 10.383 min Scan# 3223
Delta R.T. 0.005 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

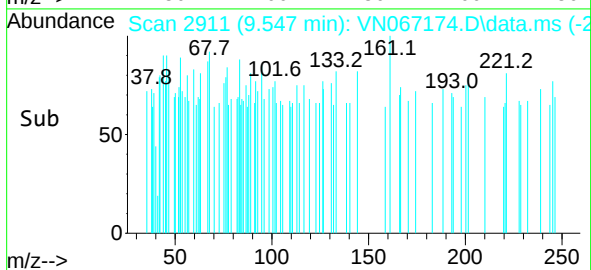
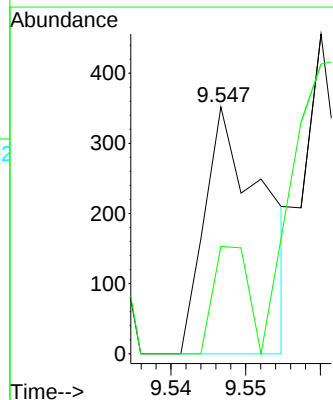
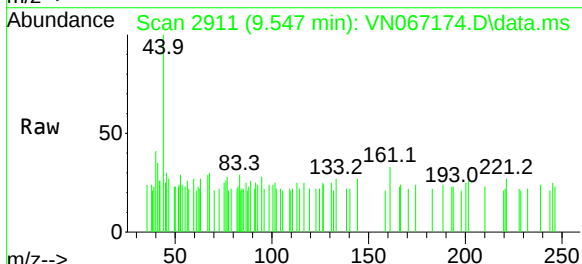
Instrument :
MSVOA_N
ClientSampleId :
41791

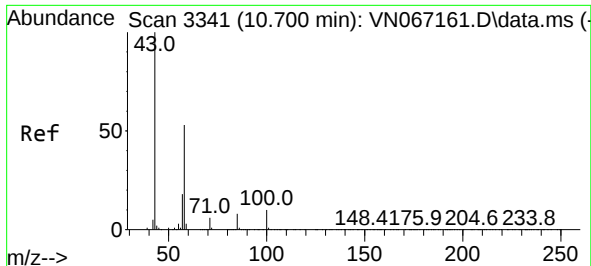
Tgt Ion:	69	Resp:	153
Ion	Ratio	Lower	Upper
69	100		
41	73.2	45.5	68.3#
39	0.0	22.9	34.3#



#58
2-Chloroethyl Vinyl ether
Concen: 7.00 ug/l
RT: 9.547 min Scan# 2911
Delta R.T. -0.094 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

Tgt Ion:	63	Resp:	194
Ion	Ratio	Lower	Upper
63	100		
106	25.3	23.9	35.9

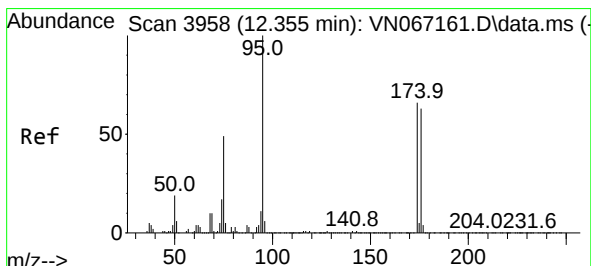
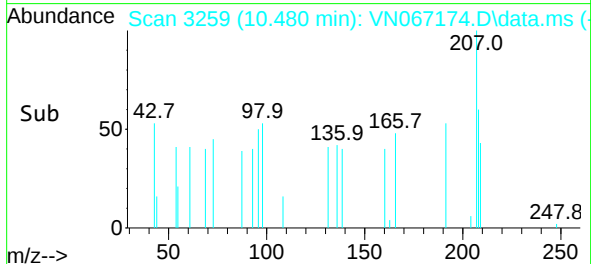
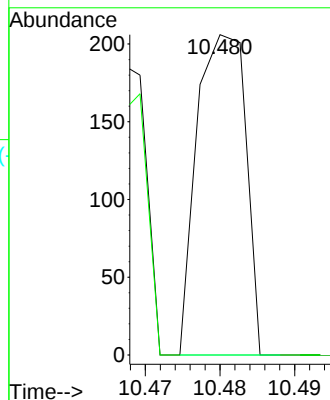
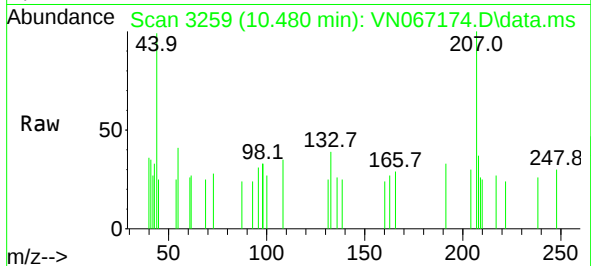




#59
2-Hexanone
Concen: 18.89 ug/l
RT: 10.480 min Scan# 3259
Delta R.T. -0.220 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

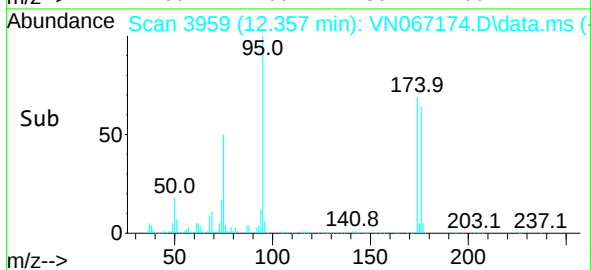
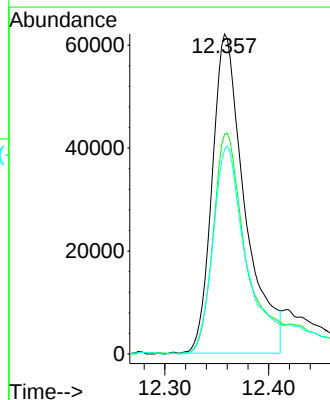
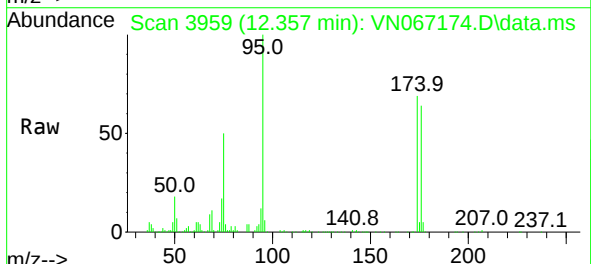
Instrument :
MSVOA_N
ClientSampled :
41791

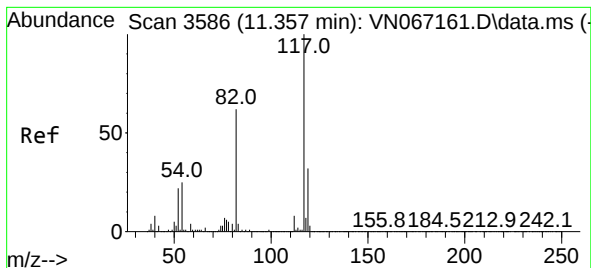
Tgt Ion: 43 Resp: 94
Ion Ratio Lower Upper
43 100
58 55.3 29.8 89.5



#62
4-Bromofluorobenzene
Concen: 39.57 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.002 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

Tgt Ion: 95 Resp: 135360
Ion Ratio Lower Upper
95 100
174 70.5 0.0 182.8
176 67.0 0.0 176.6

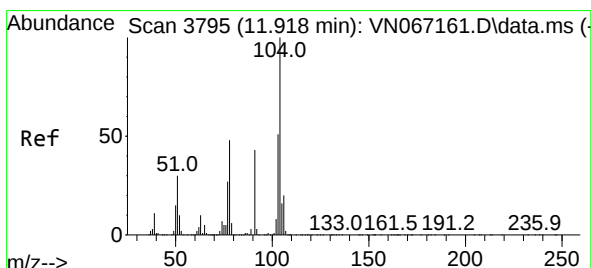
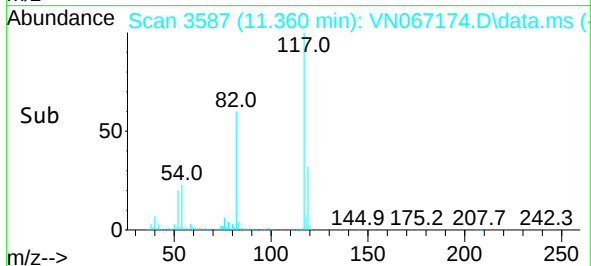
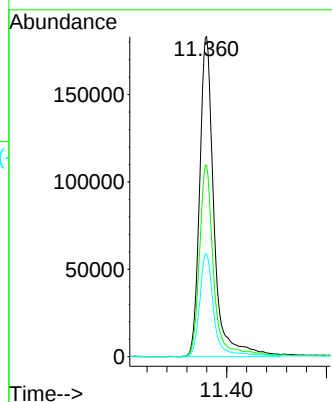
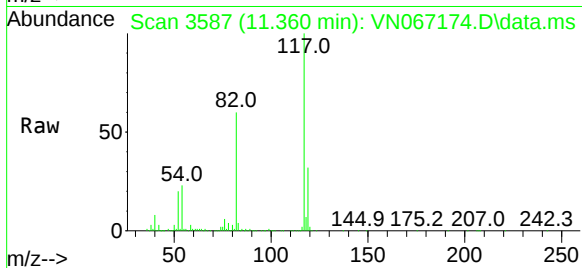




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

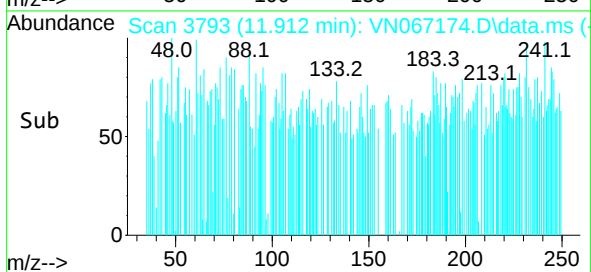
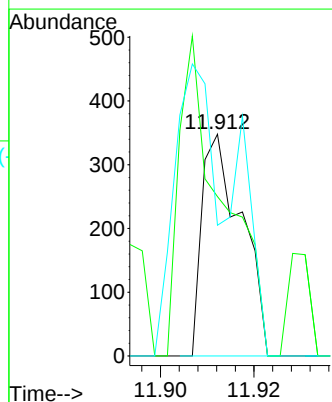
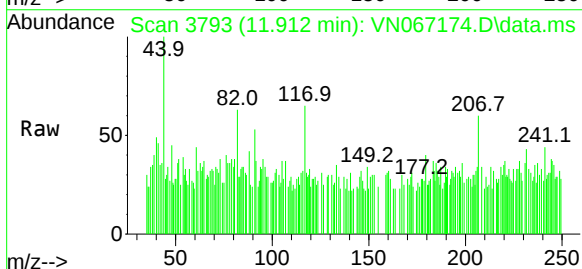
Instrument :
MSVOA_N
ClientSampleId :
41791

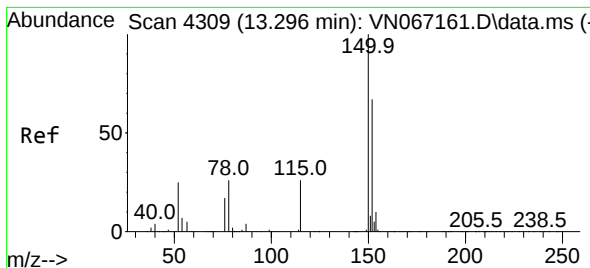
Tgt Ion:117 Resp: 367846
Ion Ratio Lower Upper
117 100
82 59.7 42.2 63.2
119 31.9 25.8 38.6



#70
Styrene
Concen: 2.52 ug/l
RT: 11.912 min Scan# 3793
Delta R.T. -0.006 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

Tgt Ion:104 Resp: 204
Ion Ratio Lower Upper
104 100
78 157.8 37.7 56.5#
103 189.7 44.2 66.4#

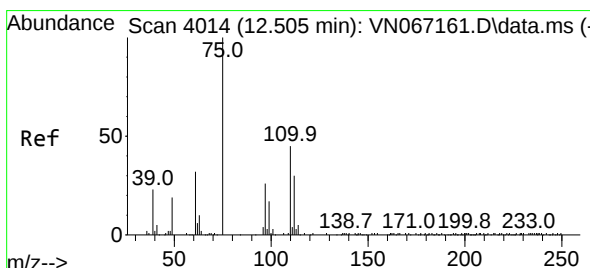
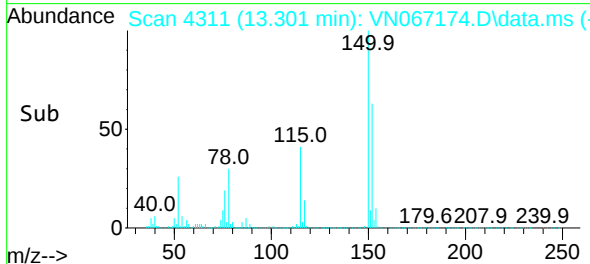
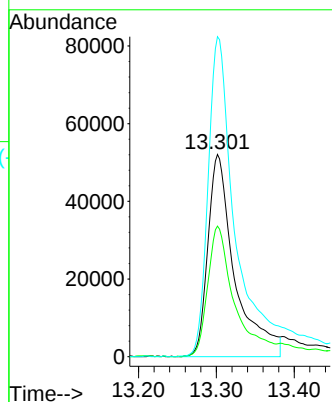
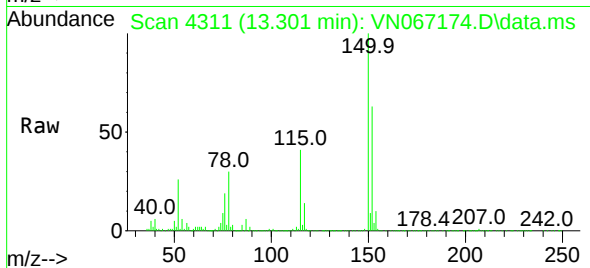




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.301 min Scan# 4311
 Delta R.T. 0.005 min
 Lab File: VN067174.D
 Acq: 26 May 2021 18:05

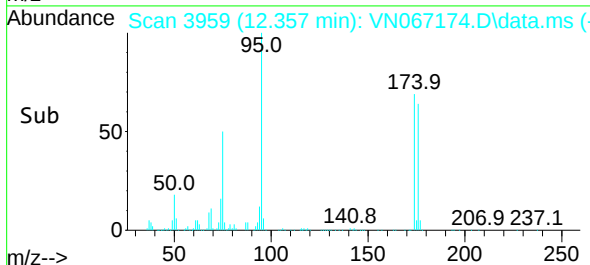
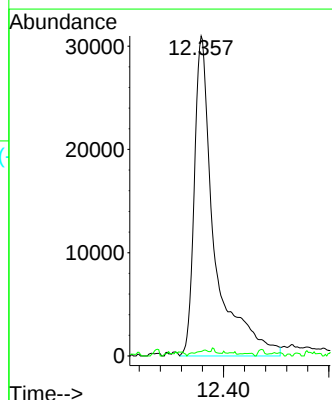
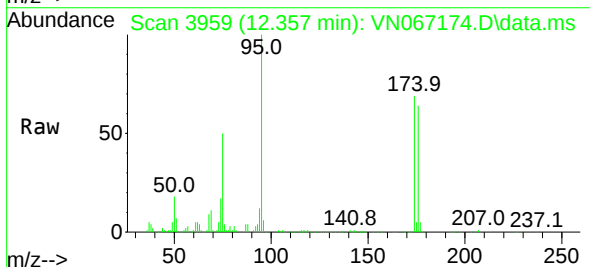
Instrument :
 MSVOA_N
 ClientSampled :
 41791

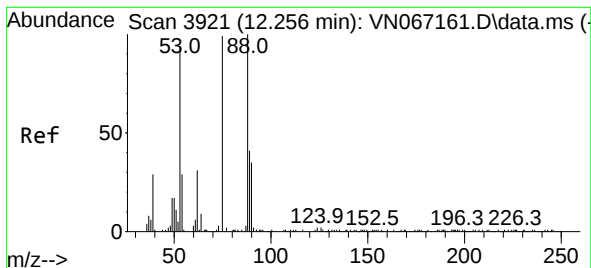
Tgt Ion:152 Resp: 125097
 Ion Ratio Lower Upper
 152 100
 115 64.5 27.0 80.8
 150 173.6 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 23.67 ug/l
 RT: 12.357 min Scan# 3959
 Delta R.T. -0.148 min
 Lab File: VN067174.D
 Acq: 26 May 2021 18:05

Tgt Ion: 75 Resp: 82414
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

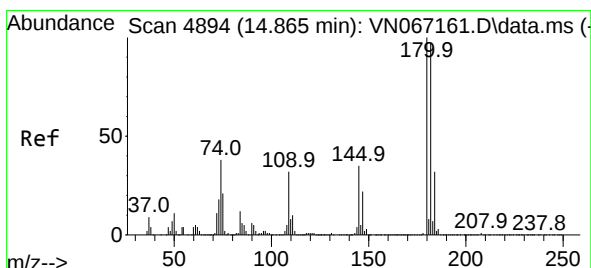
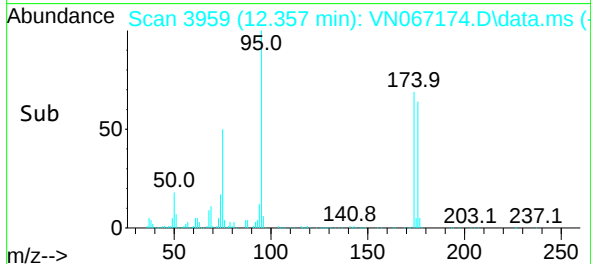
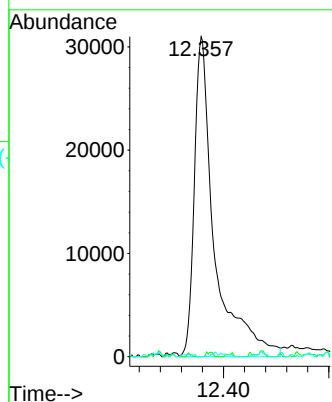
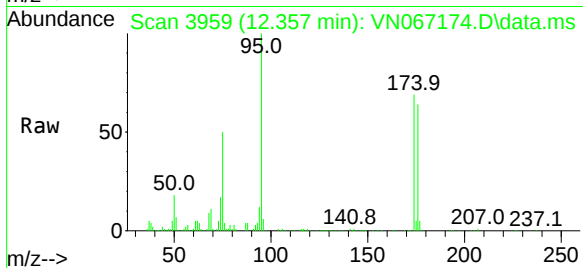




#81
trans-1,4-Dichloro-2-butene
Concen: 67.07 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.101 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

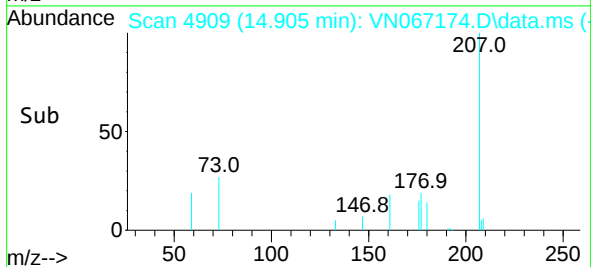
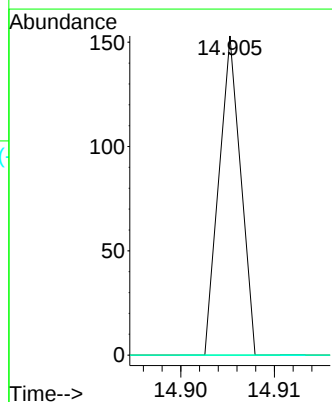
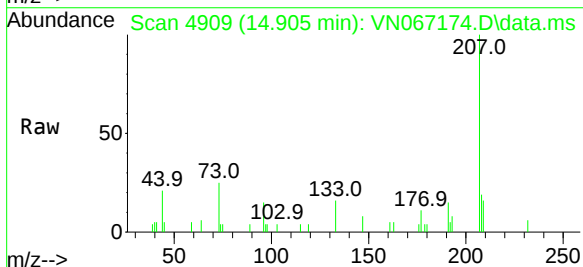
Instrument :
MSVOA_N
ClientSampled :
41791

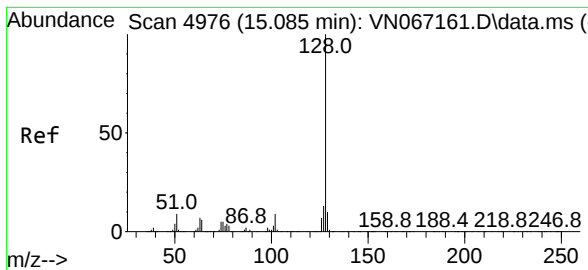
Tgt Ion: 75 Resp: 82414
Ion Ratio Lower Upper
75 100
53 0.5 66.3 99.5#
89 0.0 39.5 59.3#



#93
1,2,4-Trichlorobenzene
Concen: 3.27 ug/l
RT: 14.905 min Scan# 4909
Delta R.T. 0.040 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

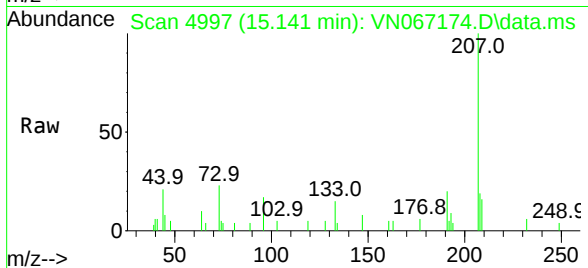
Tgt Ion:180 Resp: 25
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.8#
145 0.0 14.0 42.0#





#95
Naphthalene
Concen: 3.92 ug/l
RT: 15.141 min Scan# 4997
Delta R.T. 0.056 min
Lab File: VN067174.D
Acq: 26 May 2021 18:05

Instrument :
MSVOA_N
ClientSampleId :
41791



Tgt Ion:128 Resp: 376
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

