

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069193.D
 Acq On : 26 Oct 2021 18:26
 Operator : JC/MD
 Sample : M4337-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 27 06:57:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	338671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	588434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	562949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	204492	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	219455	49.147	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.300%
35) Dibromofluoromethane	8.024	113	171673	50.145	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.280%
50) Toluene-d8	10.446	98	733298	53.532	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.060%
62) 4-Bromofluorobenzene	12.733	95	257758	49.874	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.740%

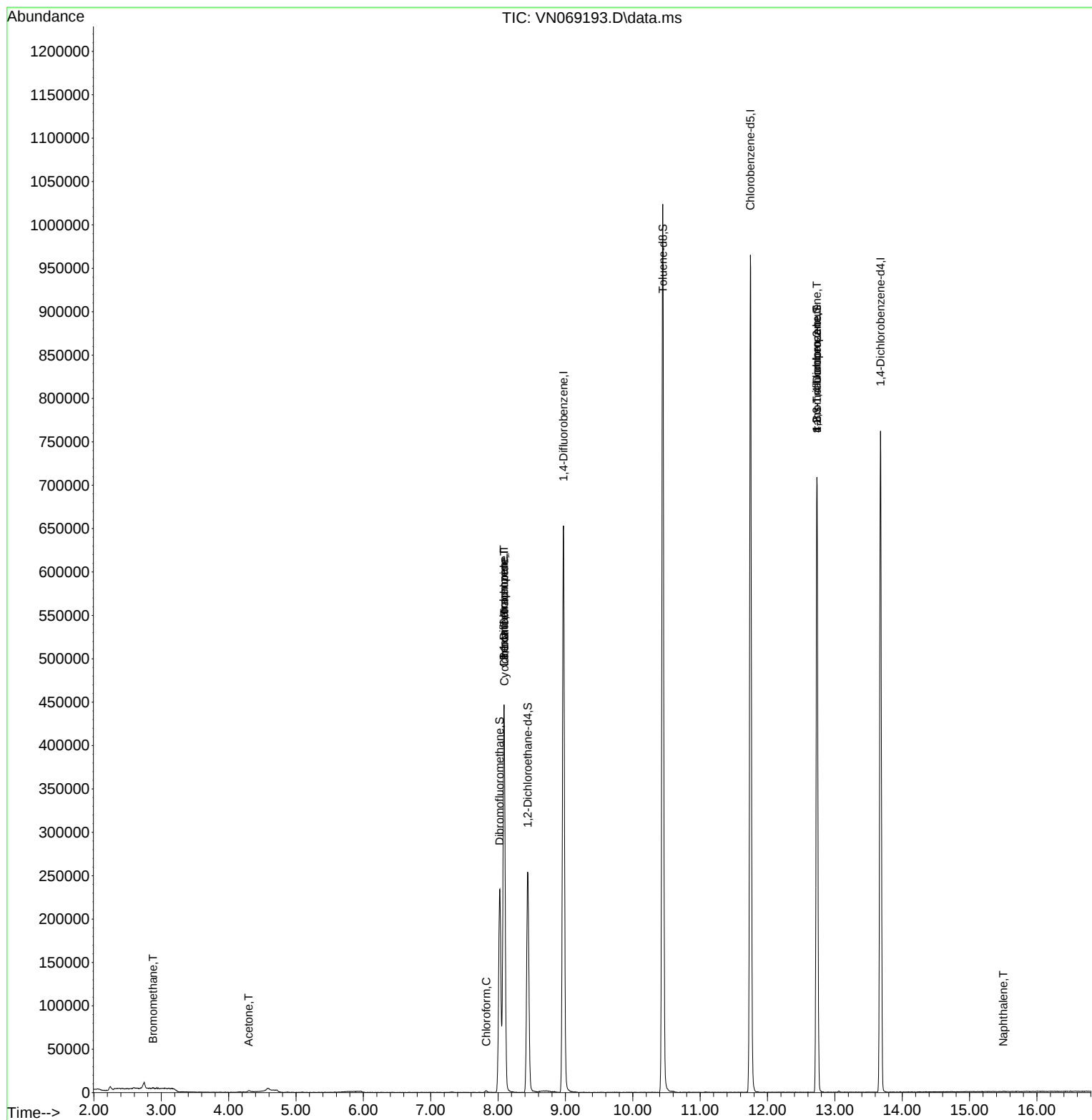
Target Compounds					Qvalue	
5) Bromomethane	2.877	94	535	0.231	ug/l #	80
16) Acetone	4.296	43	2870	1.722	ug/l	95
30) Chloroform	7.823	83	2253	0.323	ug/l #	81
31) Cyclohexane	8.094	56	7597	1.094	ug/l #	2
36) 1,1-Dichloropropene	8.088	75	27243	5.420	ug/l #	50
38) Carbon Tetrachloride	8.091	117	34346	6.222	ug/l #	15
76) 1,2,3-Trichloropropane	12.733	75	133998	30.797	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	133998	73.680	ug/l #	12
95) Naphthalene	15.501	128	176	3.829	ug/l #	69

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

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QLast Update : Wed Oct 13 05:44:40 2021
Response via : Initial Calibration

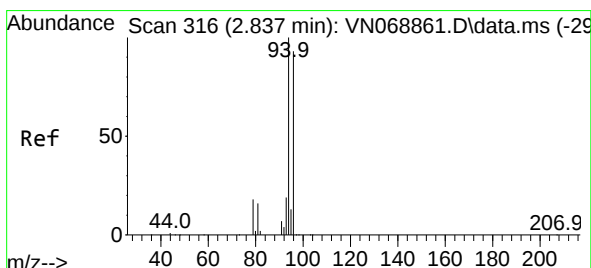
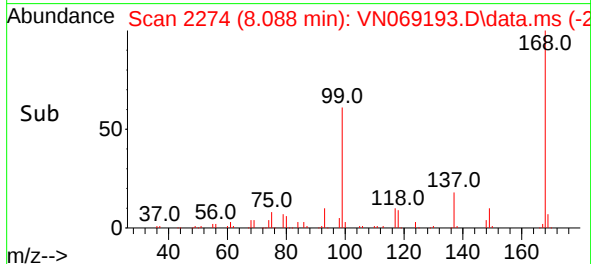
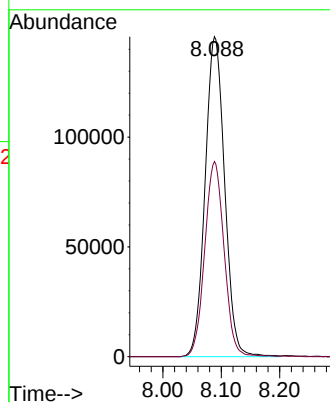
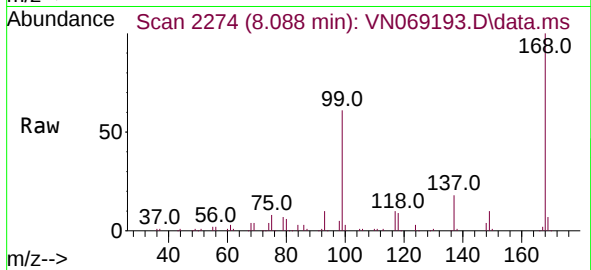




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069193.D
Acq: 26 Oct 2021 18:26

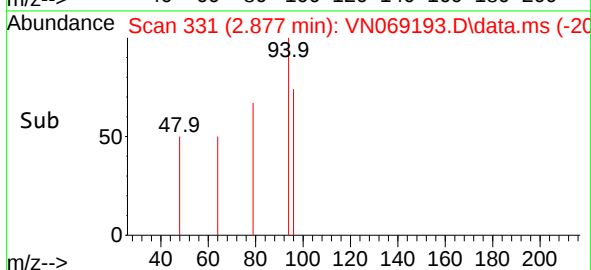
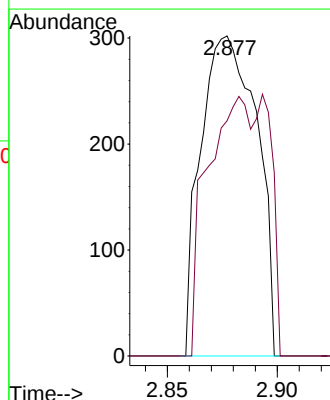
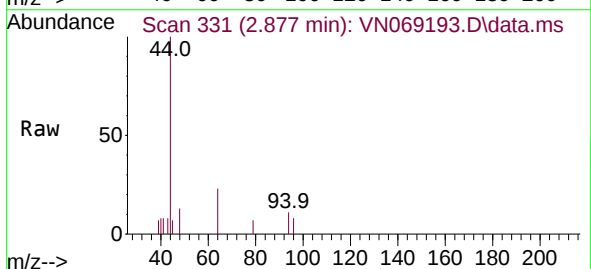
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MSVOA_N
ClientSampled :

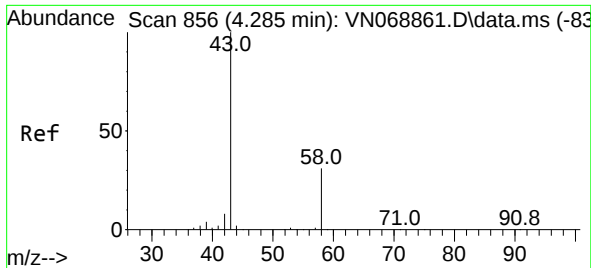
Tgt Ion:168 Resp: 338671
Ion Ratio Lower Upper
168 100
99 61.0 48.9 73.3



#5
Bromomethane
Concen: 0.231 ug/l
RT: 2.877 min Scan# 331
Delta R.T. 0.040 min
Lab File: VN069193.D
Acq: 26 Oct 2021 18:26

Tgt Ion: 94 Resp: 535
Ion Ratio Lower Upper
94 100
96 73.5 74.2 111.4#

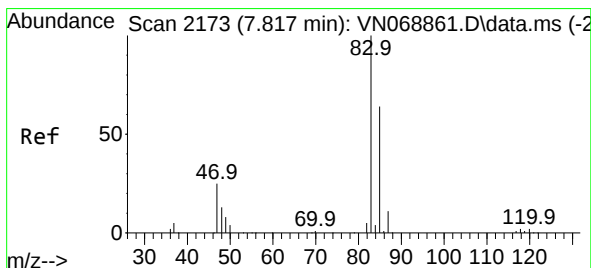
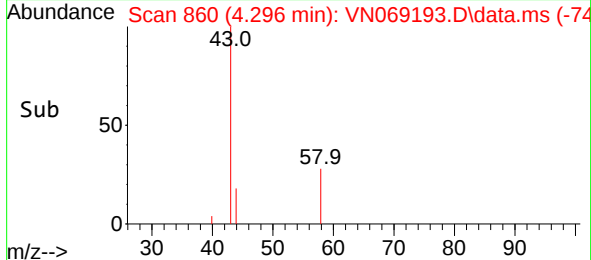
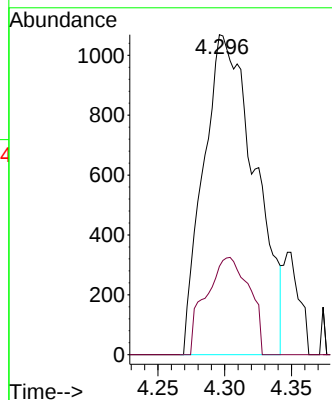
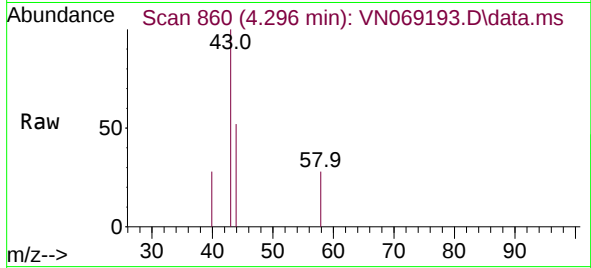




#16
Acetone
Concen: 1.722 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN069193.D
Acq: 26 Oct 2021 18:26

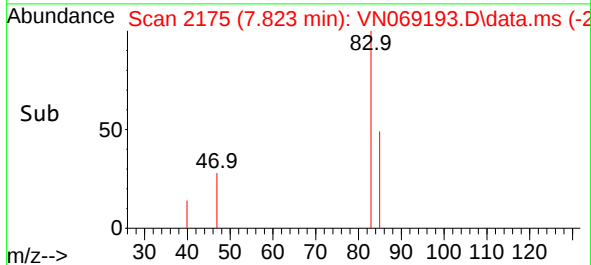
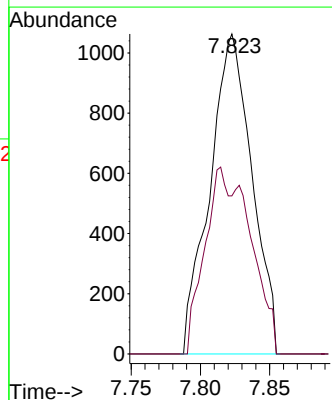
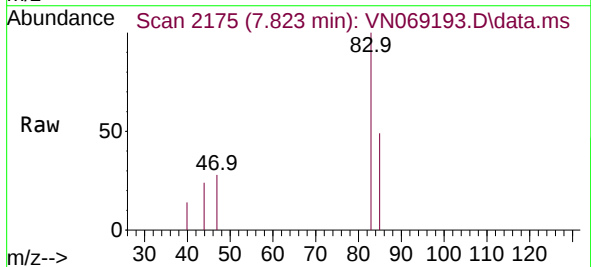
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MSVOA_N
ClientSampled :

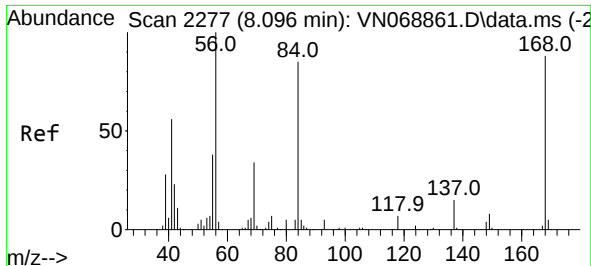
Tgt Ion: 43 Resp: 2870
Ion Ratio Lower Upper
43 100
58 27.6 24.5 36.7



#30
Chloroform
Concen: 0.323 ug/l
RT: 7.823 min Scan# 2175
Delta R.T. 0.005 min
Lab File: VN069193.D
Acq: 26 Oct 2021 18:26

Tgt Ion: 83 Resp: 2253
Ion Ratio Lower Upper
83 100
85 49.4 51.1 76.7#

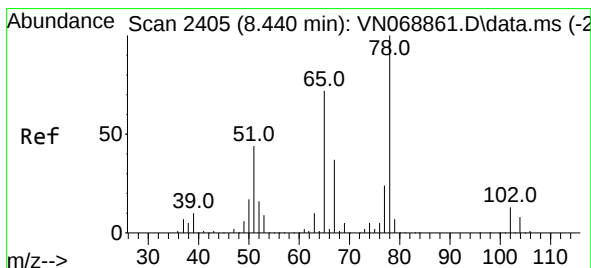
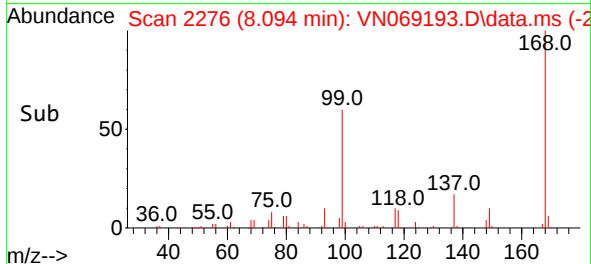
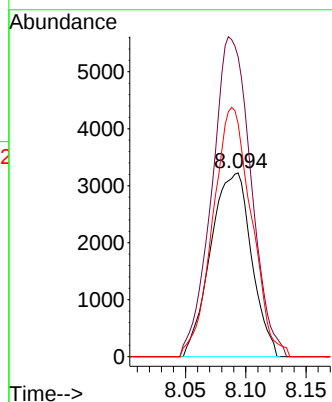
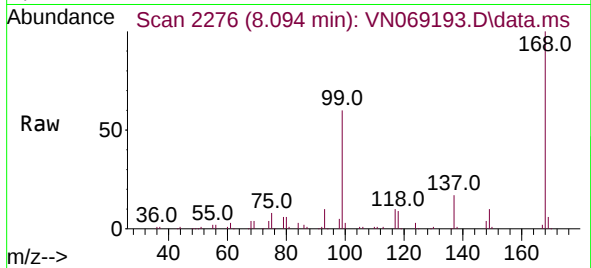




#31
Cyclohexane
Concen: 1.094 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.002 min
Lab File: VN069193.D
Acq: 26 Oct 2021 18:26

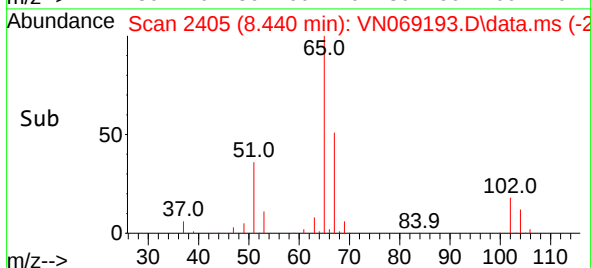
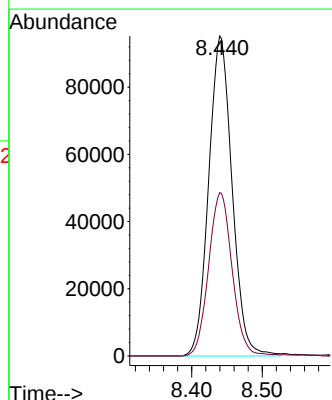
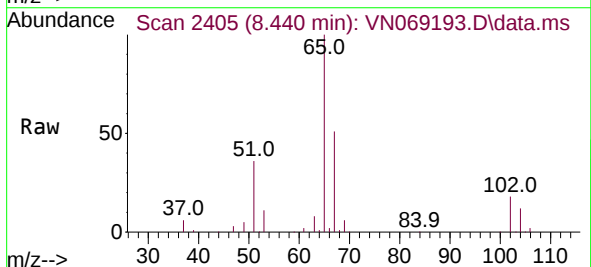
Instrument :
MSVOA_N
ClientSampled :

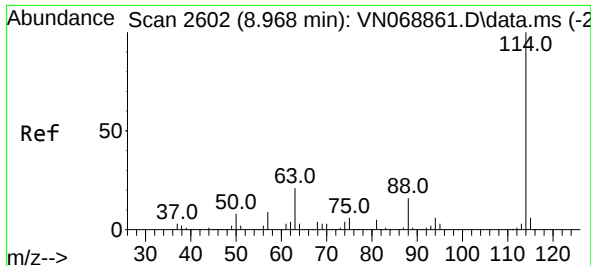
Tgt Ion: 56 Resp: 7597
Ion Ratio Lower Upper
56 100
69 163.3 26.9 40.3#
84 126.9 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 49.147 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069193.D
Acq: 26 Oct 2021 18:26

Tgt Ion: 65 Resp: 219455
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8

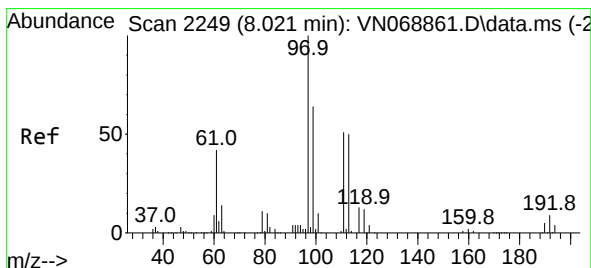
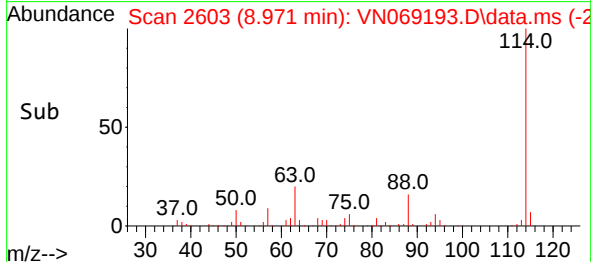
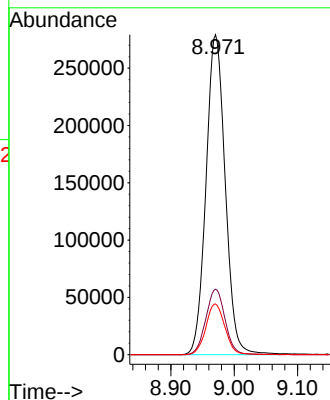
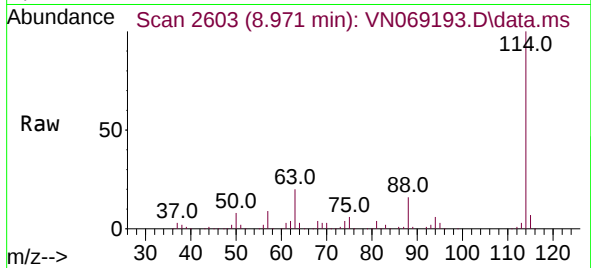




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069193.D
Acq: 26 Oct 2021 18:26

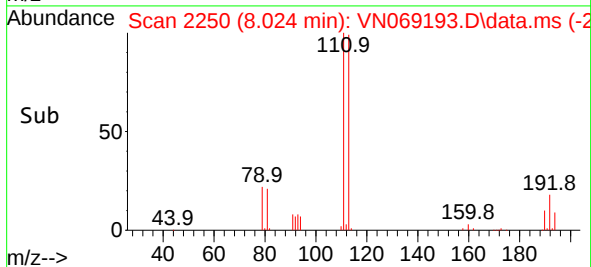
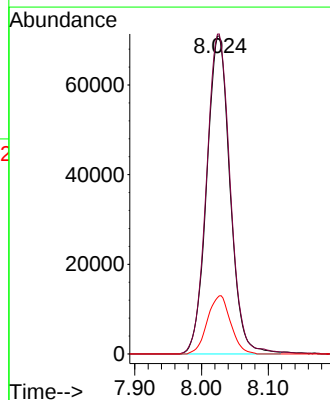
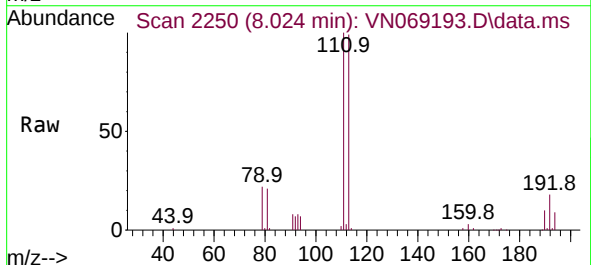
Instrument :
MSVOA_N
ClientSampled :

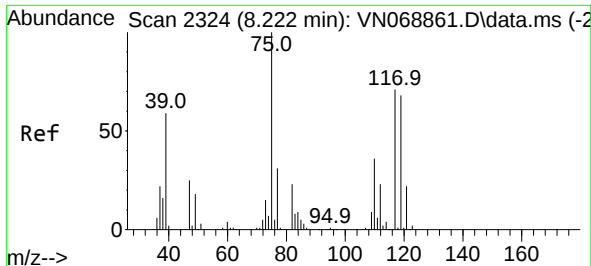
Tgt Ion:114 Resp: 588434
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.6
88 15.9 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.145 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069193.D
Acq: 26 Oct 2021 18:26

Tgt Ion:113 Resp: 171673
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 18.3 15.0 22.4

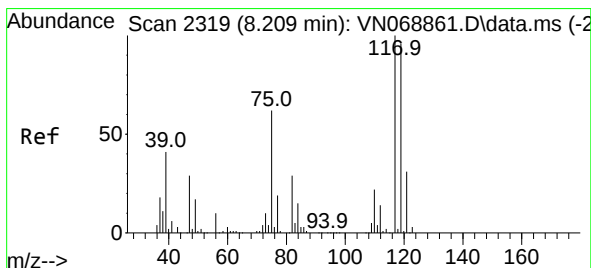
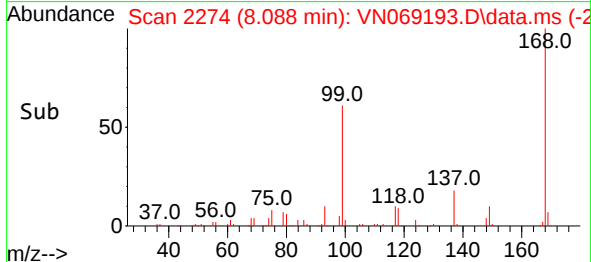
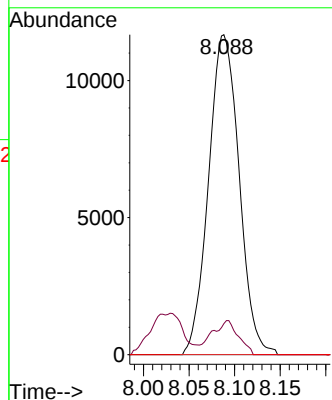
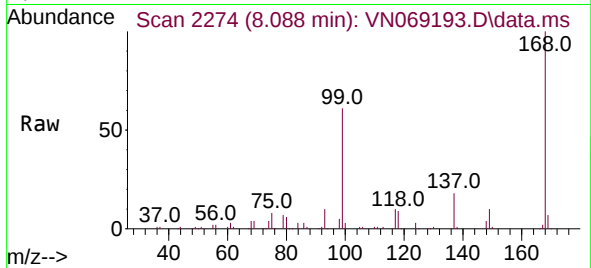




#36
1,1-Dichloropropene
Concen: 5.420 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069193.D
Acq: 26 Oct 2021 18:26

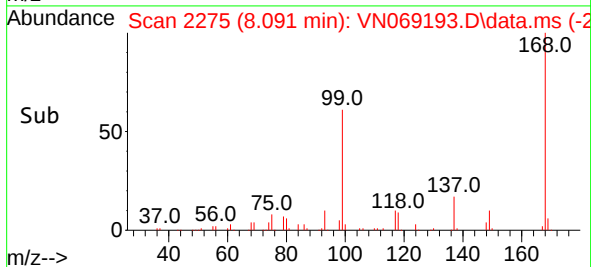
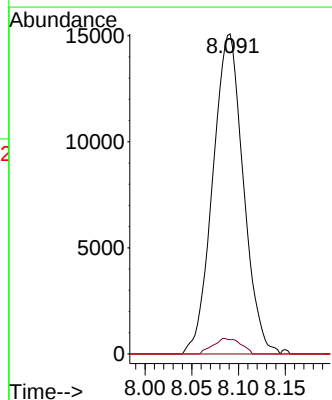
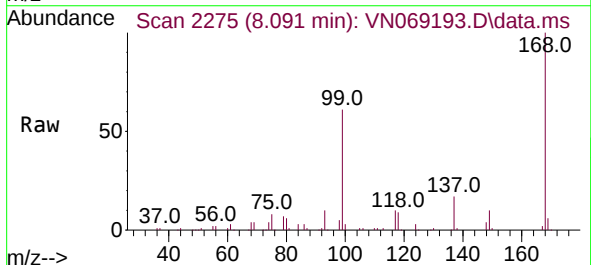
Instrument :
MSVOA_N
ClientSampled :

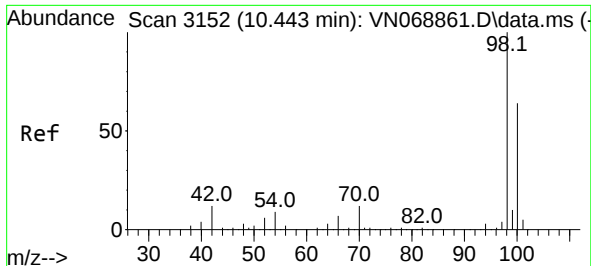
Tgt Ion: 75 Resp: 27243
Ion Ratio Lower Upper
75 100
110 9.2 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.222 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN069193.D
Acq: 26 Oct 2021 18:26

Tgt Ion: 117 Resp: 34346
Ion Ratio Lower Upper
117 100
119 4.4 76.9 115.3#
121 0.0 24.6 37.0#

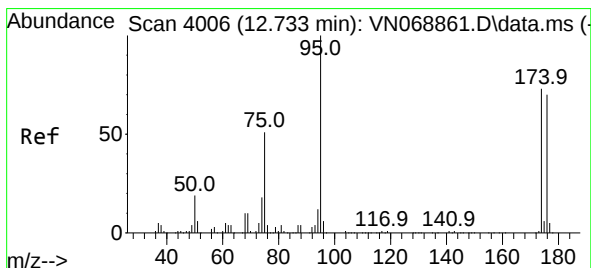
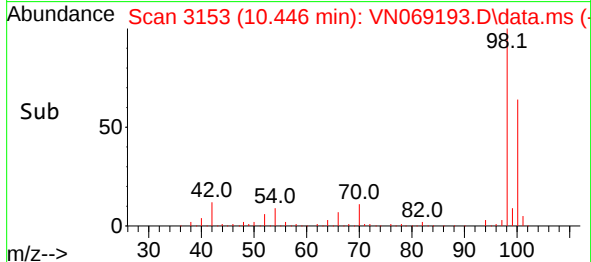
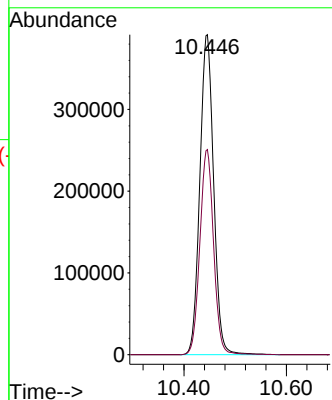
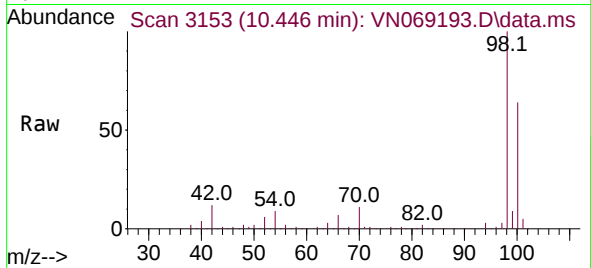




#50
Toluene-d8
Concen: 53.532 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN069193.D
Acq: 26 Oct 2021 18:26

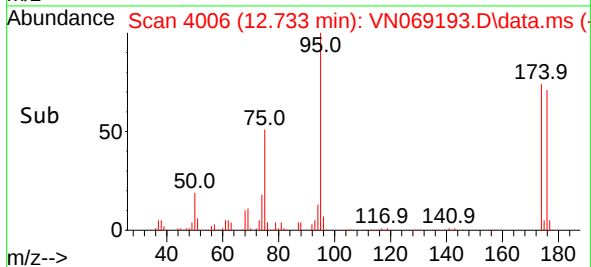
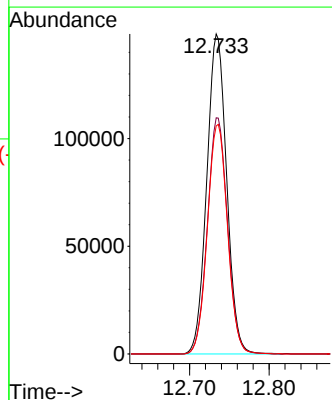
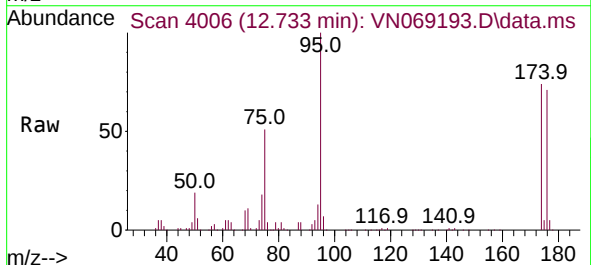
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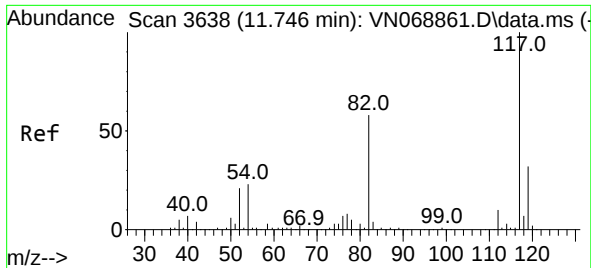
Tgt Ion: 98 Resp: 733298
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.874 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069193.D
Acq: 26 Oct 2021 18:26

Tgt Ion: 95 Resp: 257758
Ion Ratio Lower Upper
95 100
174 74.7 0.0 144.8
176 72.7 0.0 140.0

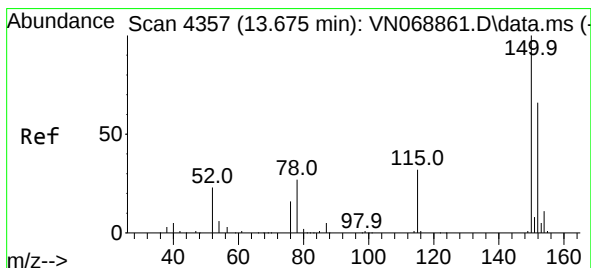
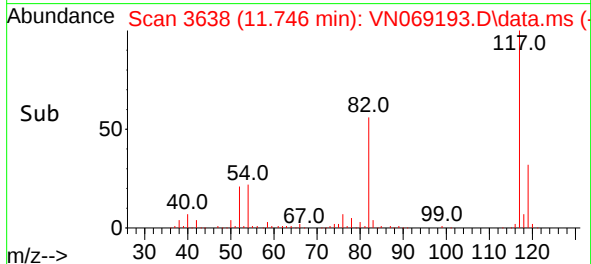
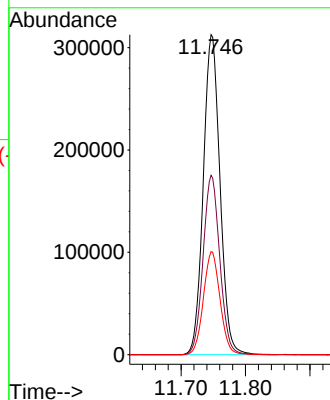
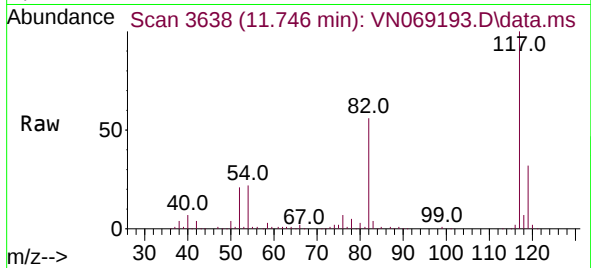




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069193.D
Acq: 26 Oct 2021 18:26

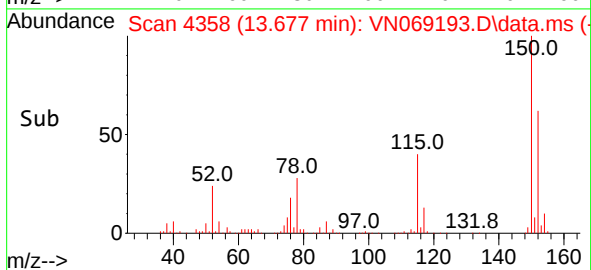
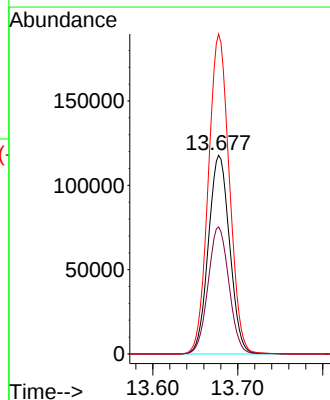
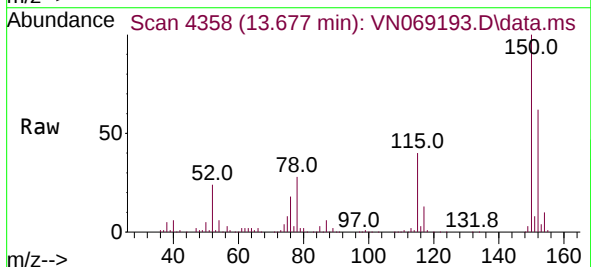
Instrument :
MSVOA_N
ClientSampled :

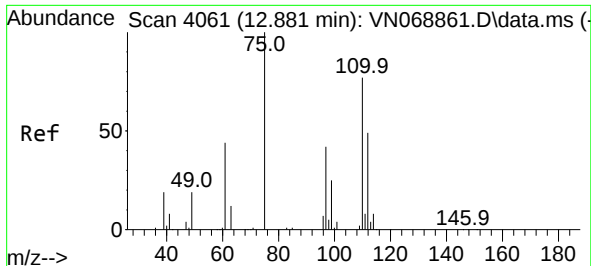
Tgt Ion:117 Resp: 562949
Ion Ratio Lower Upper
117 100
82 56.1 46.4 69.6
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069193.D
Acq: 26 Oct 2021 18:26

Tgt Ion:152 Resp: 204492
Ion Ratio Lower Upper
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115 63.0 31.4 94.3
150 158.7 0.0 351.0

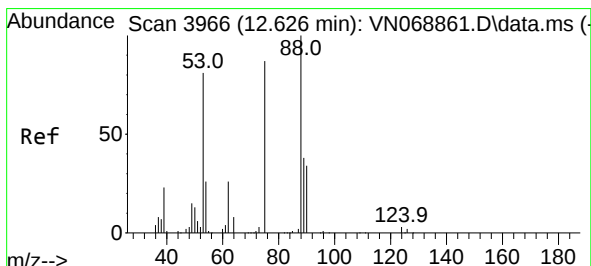
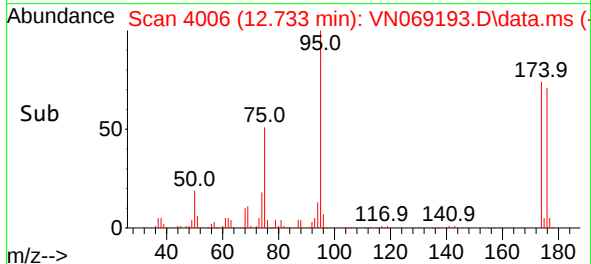
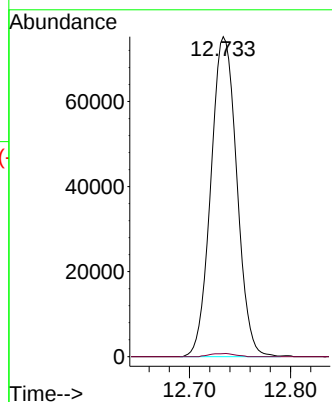
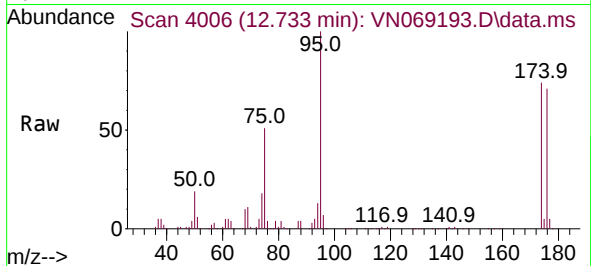




#76
1,2,3-Trichloropropane
Concen: 30.797 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069193.D
Acq: 26 Oct 2021 18:26

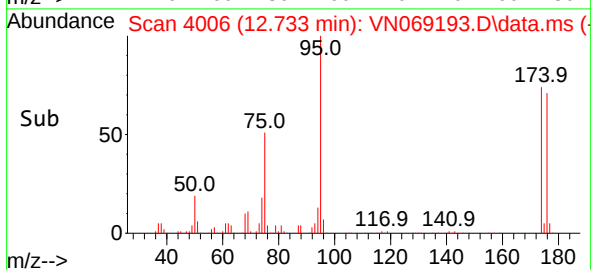
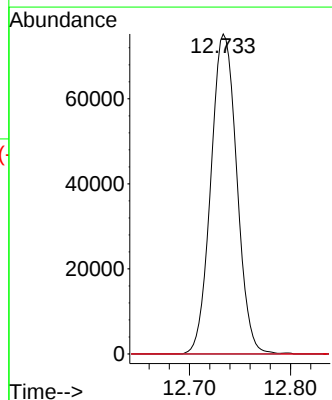
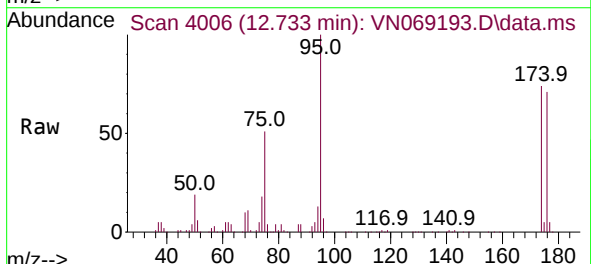
Instrument :
MSVOA_N
ClientSampled :

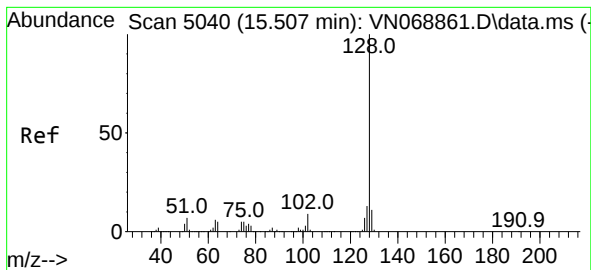
Tgt Ion: 75 Resp: 133998
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.680 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069193.D
Acq: 26 Oct 2021 18:26

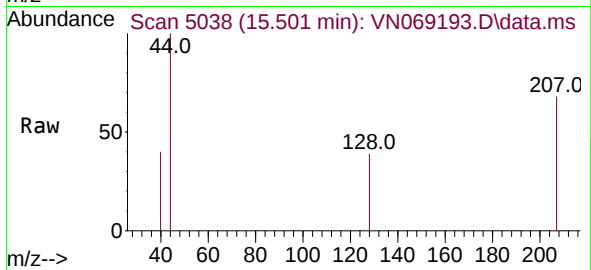
Tgt Ion: 75 Resp: 133998
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 3.829 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.006 min
Lab File: VN069193.D
Acq: 26 Oct 2021 18:26

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 176
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

