

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102621\
 Data File : VN069173.D
 Acq On : 26 Oct 2021 00:26
 Operator : JC/MD
 Sample : M4334-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 26 01:38:28 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	8.091	168	416003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	734076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	735604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	288136	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	266453	48.580	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.160%
35) Dibromofluoromethane	8.027	113	212809	49.827	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.660%
50) Toluene-d8	10.446	98	916045	53.605	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.220%
62) 4-Bromofluorobenzene	12.733	95	351835	54.570	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.140%

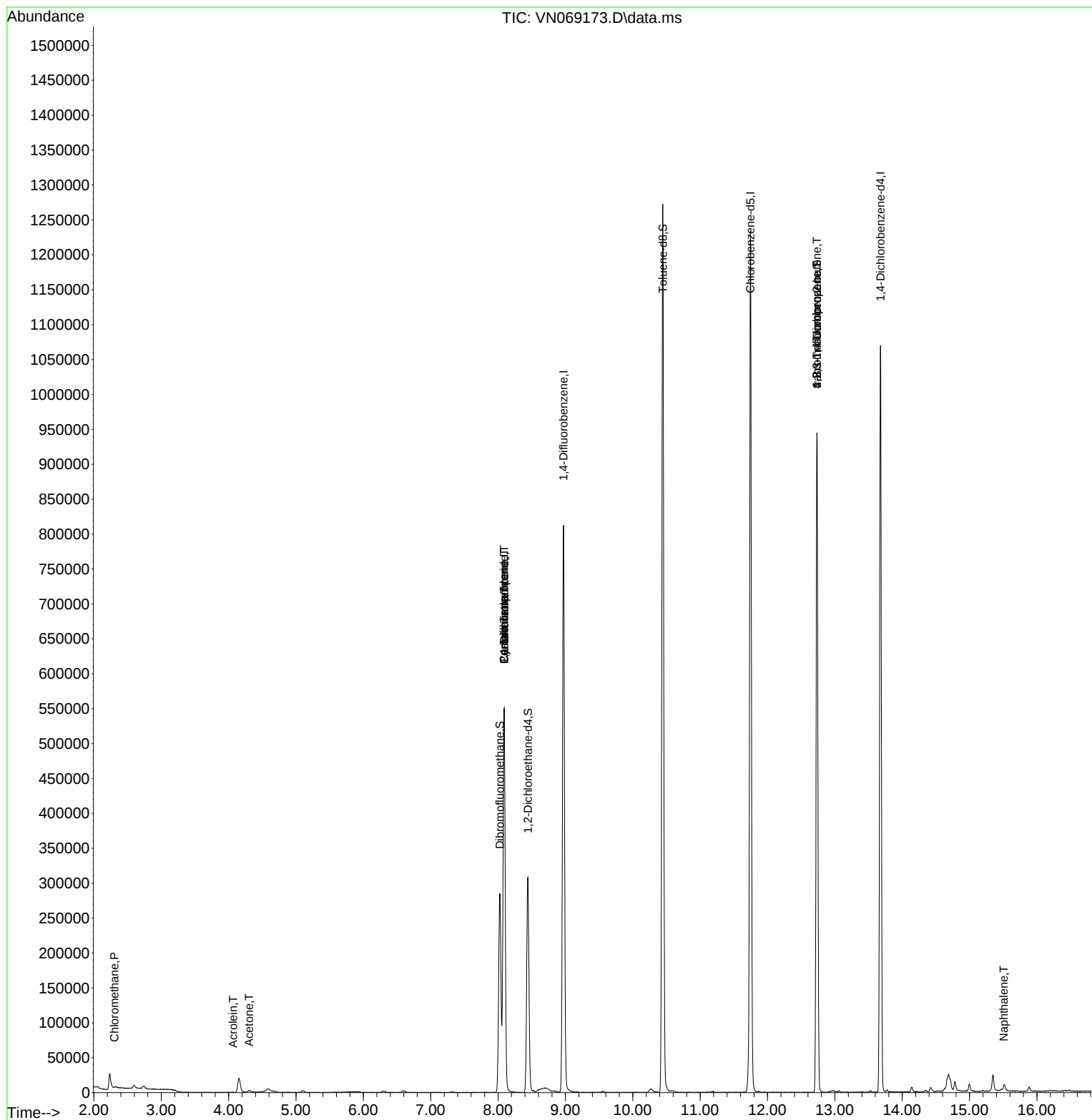
Target Compounds					Qvalue	
3) Chloromethane	2.303	50	1339	0.263	ug/l	99
13) Acrolein	4.068	56	325	0.733	ug/l #	41
16) Acetone	4.301	43	5351	2.614	ug/l	96
31) Cyclohexane	8.091	56	9106	1.068	ug/l #	1
36) 1,1-Dichloropropene	8.091	75	33694	5.374	ug/l #	49
38) Carbon Tetrachloride	8.091	117	43760	6.355	ug/l #	15
76) 1,2,3-Trichloropropane	12.733	75	180899	29.507	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	180899	70.594	ug/l #	12
95) Naphthalene	15.507	128	1037	3.883	ug/l #	69

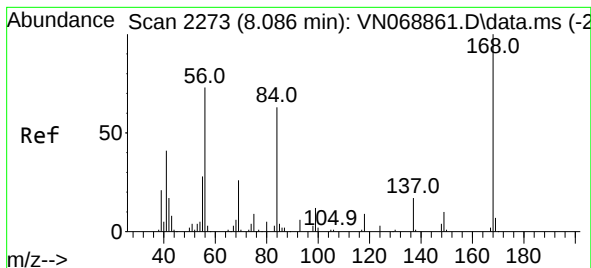
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.091 min Scan# 2275

Delta R.T. 0.005 min

Lab File: VN069173.D

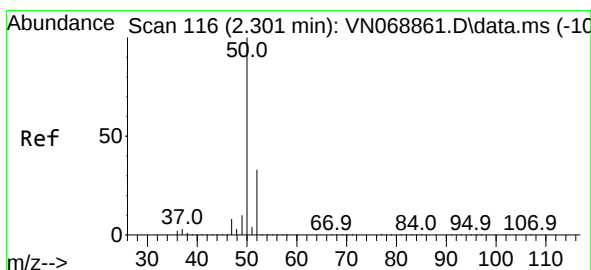
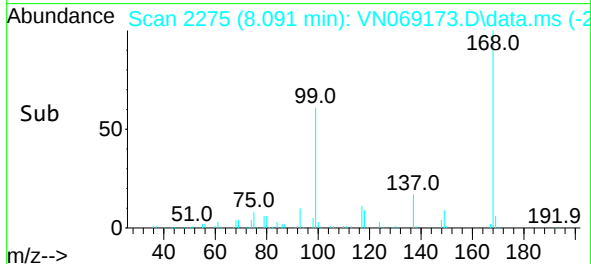
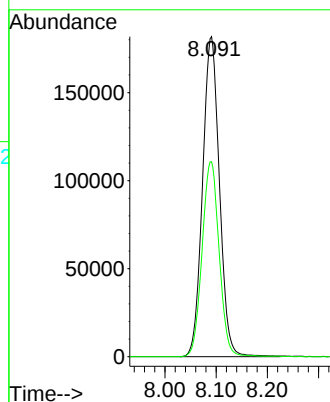
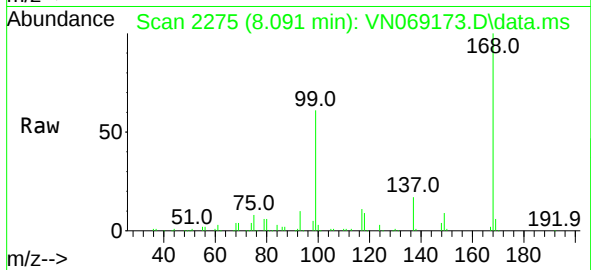
Acq: 26 Oct 2021 00:26

Tgt Ion:168 Resp: 416003

Ion Ratio Lower Upper

168 100

99 60.9 48.9 73.3



#3

Chloromethane

Concen: 0.263 ug/l

RT: 2.303 min Scan# 117

Delta R.T. 0.003 min

Lab File: VN069173.D

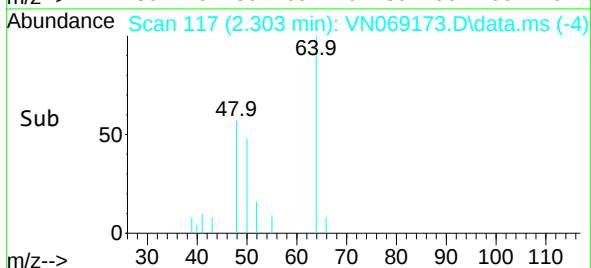
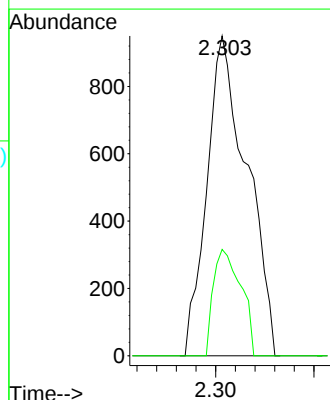
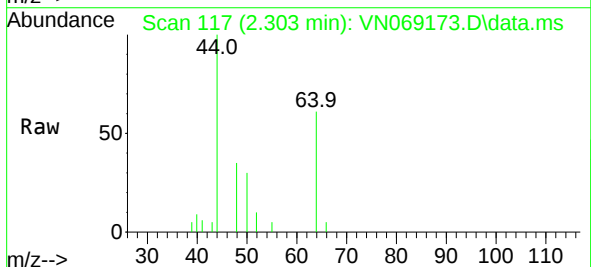
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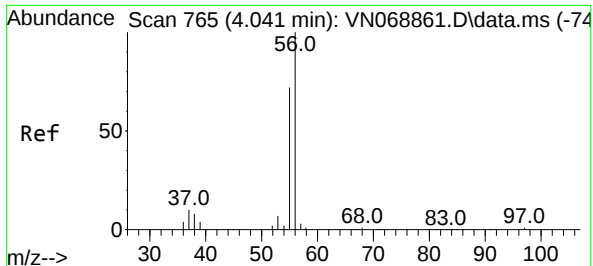
Tgt Ion: 50 Resp: 1339

Ion Ratio Lower Upper

50 100

52 33.3 26.3 39.5

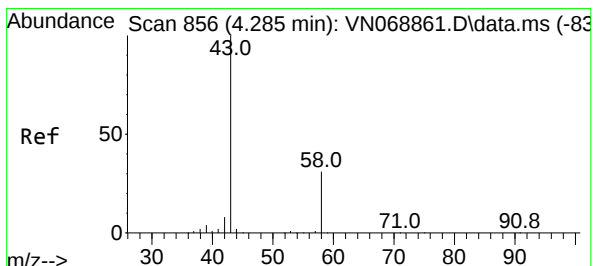
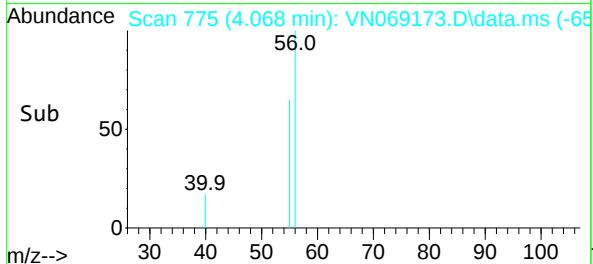
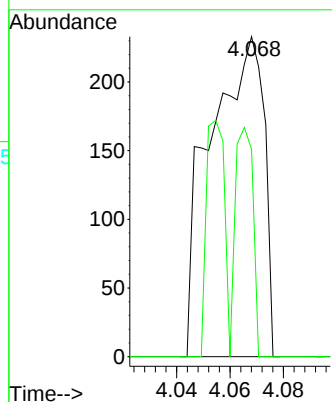
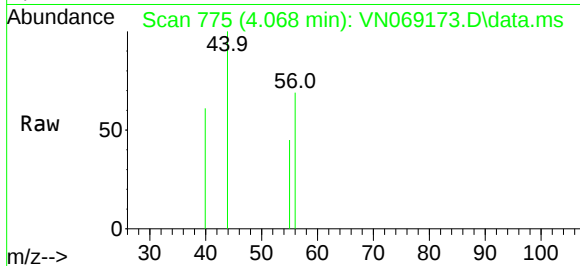




#13
Acrolein
Concen: 0.733 ug/l
RT: 4.068 min Scan# 775
Delta R.T. 0.027 min
Lab File: VN069173.D
Acq: 26 Oct 2021 00:26

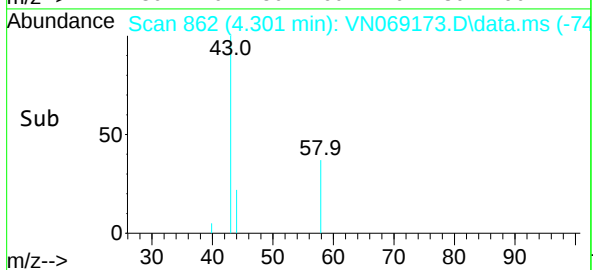
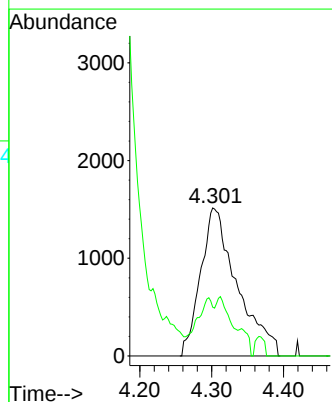
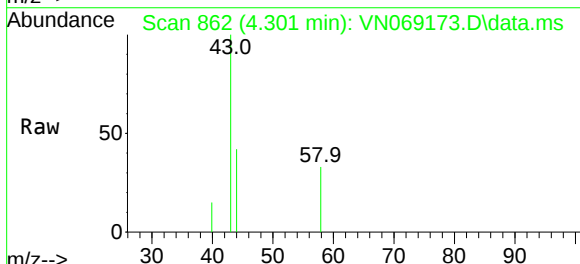
Instrument :
MSVOA_N
ClientSampled :

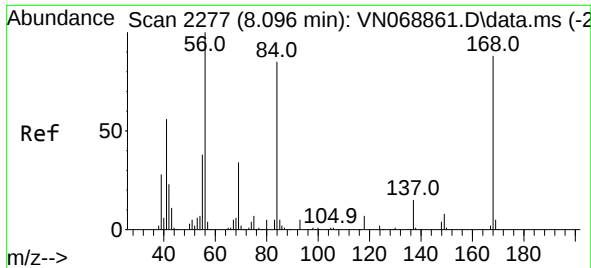
Tgt Ion: 56 Resp: 325
Ion Ratio Lower Upper
56 100
55 23.4 58.1 87.1#



#16
Acetone
Concen: 2.614 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN069173.D
Acq: 26 Oct 2021 00:26

Tgt Ion: 43 Resp: 5351
Ion Ratio Lower Upper
43 100
58 32.9 24.5 36.7

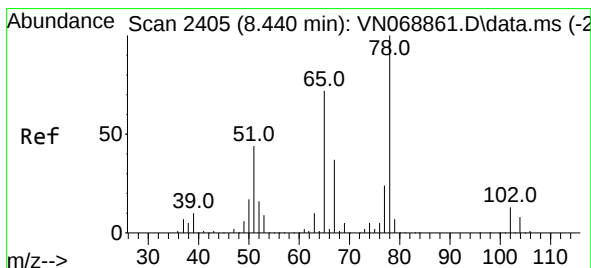
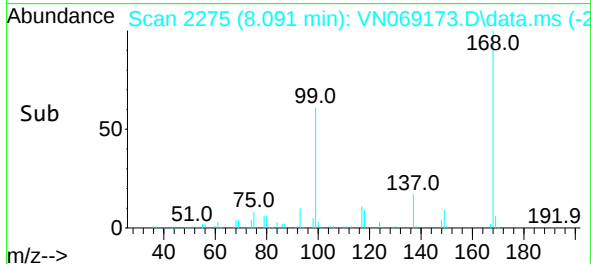
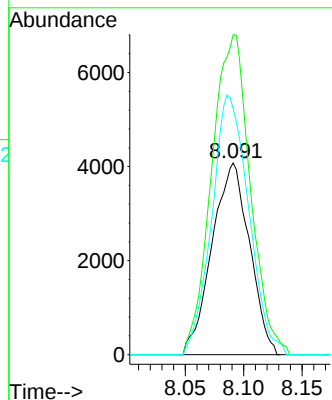
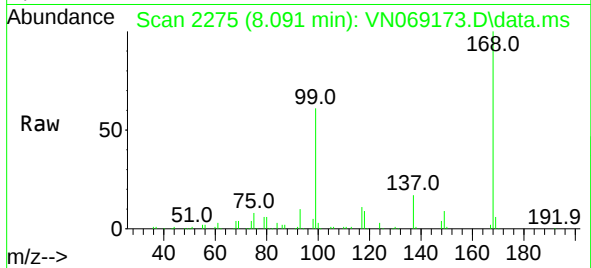




#31
Cyclohexane
Concen: 1.068 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.005 min
Lab File: VN069173.D
Acq: 26 Oct 2021 00:26

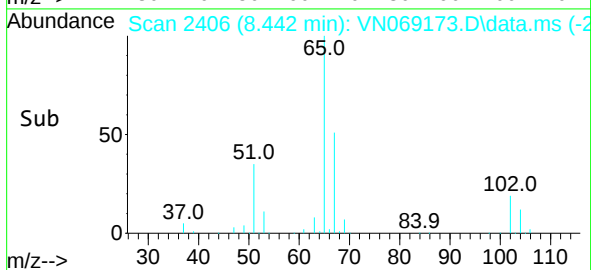
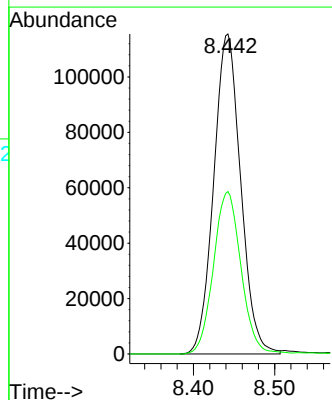
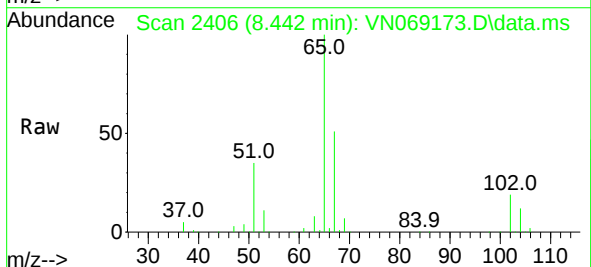
Instrument :
MSVOA_N
ClientSampled :

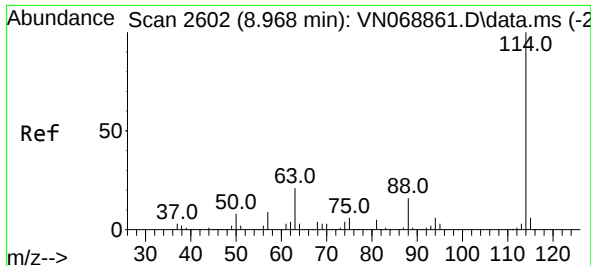
Tgt Ion: 56 Resp: 9106
Ion Ratio Lower Upper
56 100
69 166.9 26.9 40.3#
84 128.3 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 48.580 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VN069173.D
Acq: 26 Oct 2021 00:26

Tgt Ion: 65 Resp: 266453
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.8

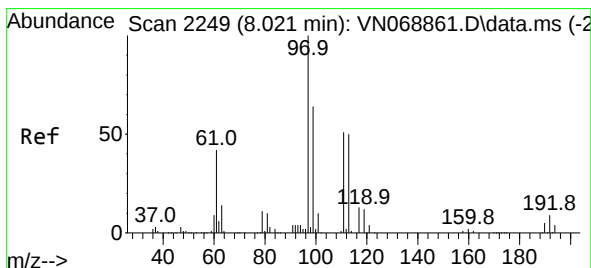
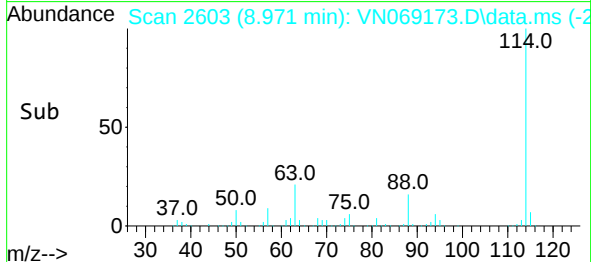
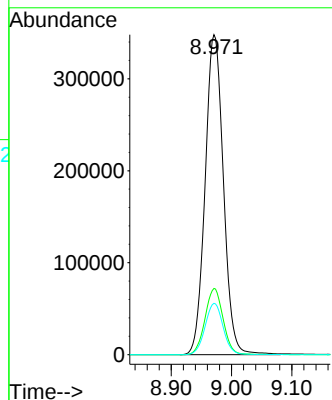
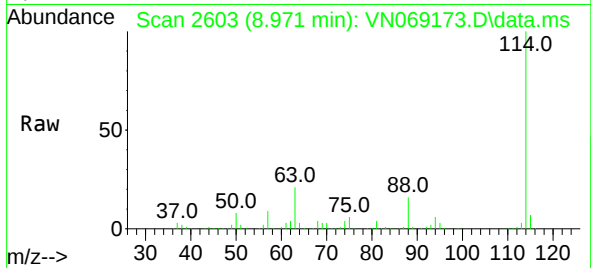




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069173.D
Acq: 26 Oct 2021 00:26

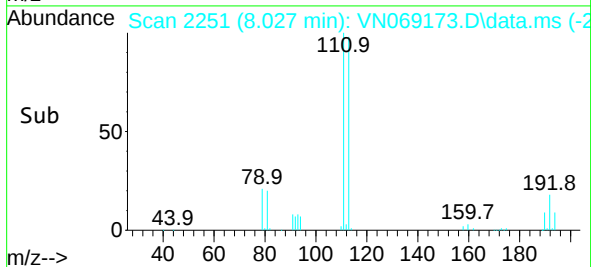
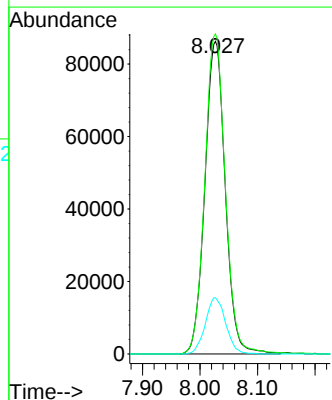
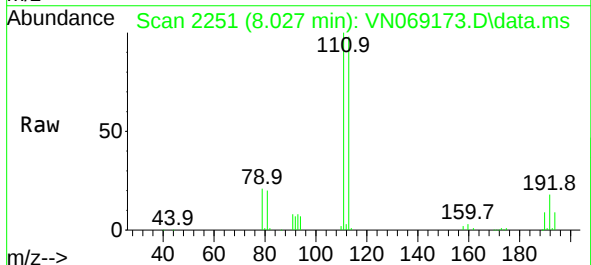
Instrument :
MSVOA_N
ClientSampled :

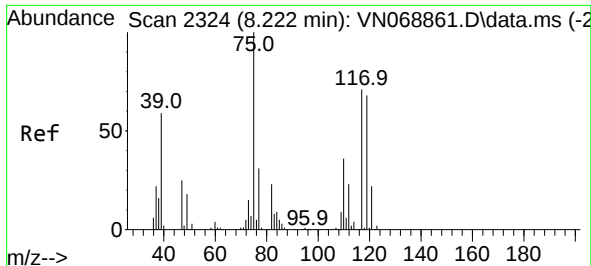
Tgt Ion:114 Resp: 734076
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 16.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 49.827 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069173.D
Acq: 26 Oct 2021 00:26

Tgt Ion:113 Resp: 212809
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 18.0 15.0 22.4

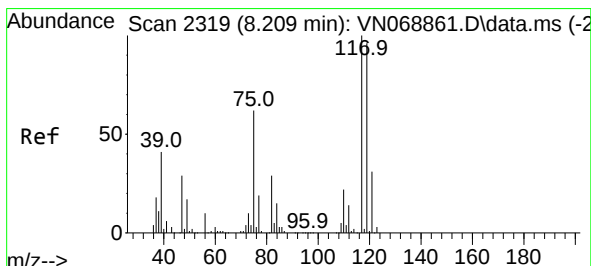
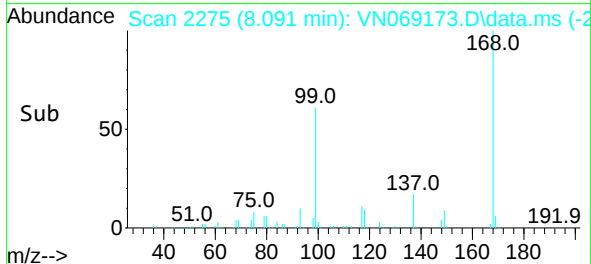
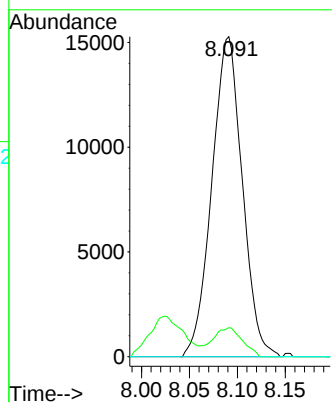
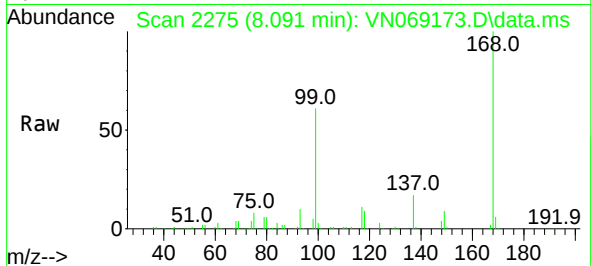




#36
1,1-Dichloropropene
Concen: 5.374 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.131 min
Lab File: VN069173.D
Acq: 26 Oct 2021 00:26

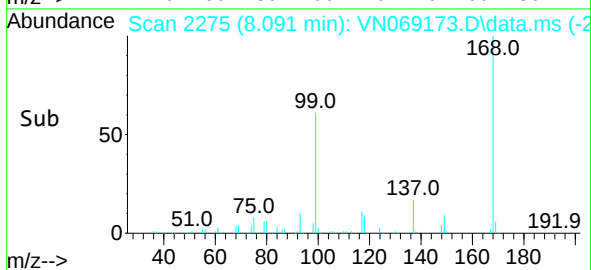
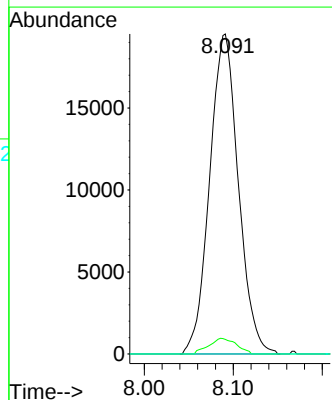
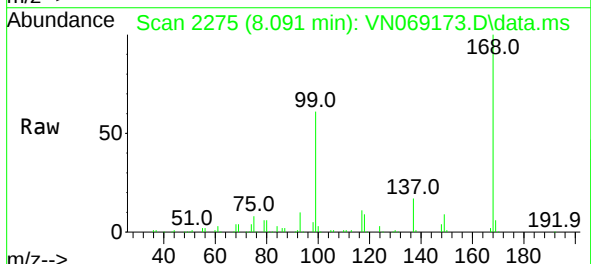
Instrument :
MSVOA_N
ClientSampled :

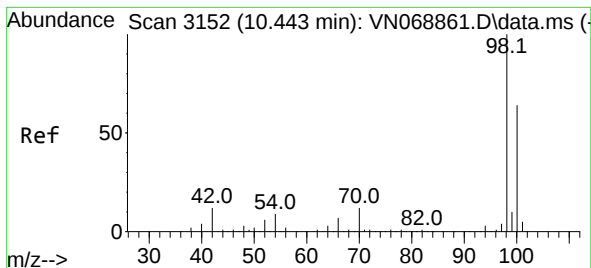
Tgt Ion: 75 Resp: 33694
Ion Ratio Lower Upper
75 100
110 8.7 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.355 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN069173.D
Acq: 26 Oct 2021 00:26

Tgt Ion: 117 Resp: 43760
Ion Ratio Lower Upper
117 100
119 4.5 76.9 115.3#
121 0.0 24.6 37.0#

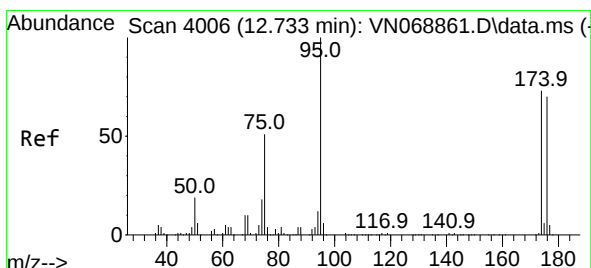
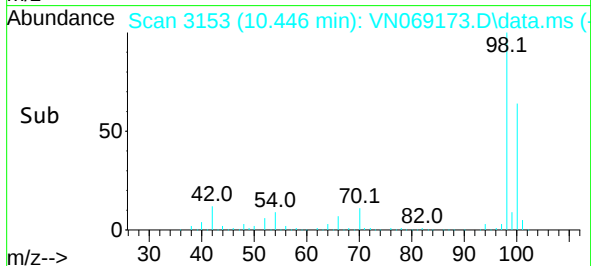
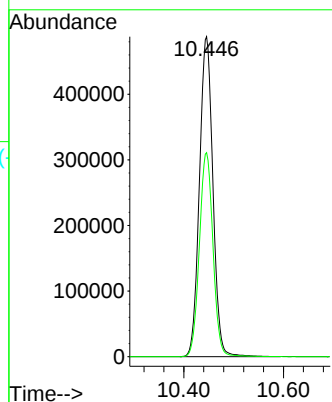
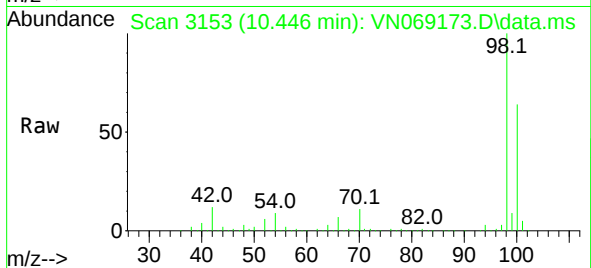




#50
Toluene-d8
Concen: 53.605 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN069173.D
Acq: 26 Oct 2021 00:26

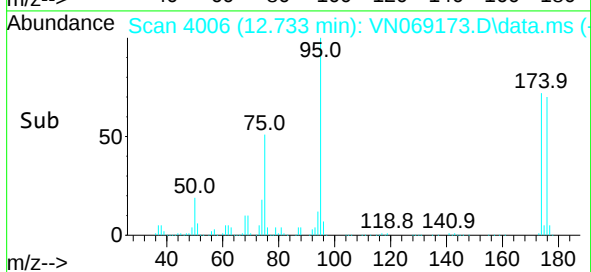
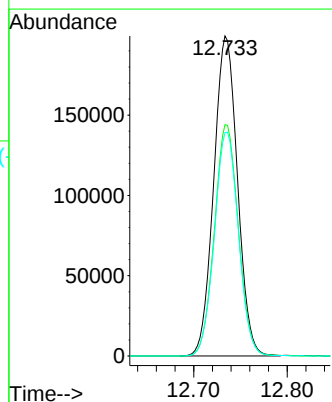
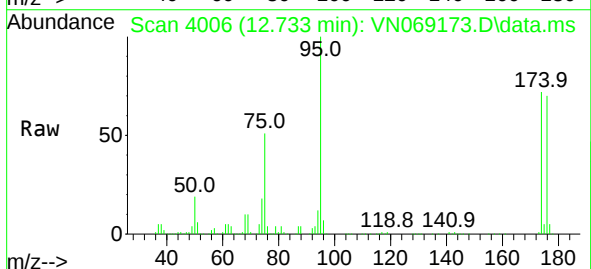
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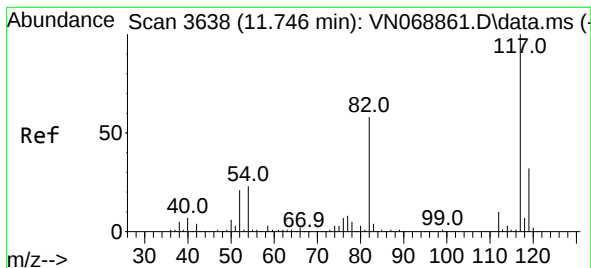
Tgt Ion: 98 Resp: 916045
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 54.570 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069173.D
Acq: 26 Oct 2021 00:26

Tgt Ion: 95 Resp: 351835
Ion Ratio Lower Upper
95 100
174 73.0 0.0 144.8
176 70.5 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.746 min Scan# 3638

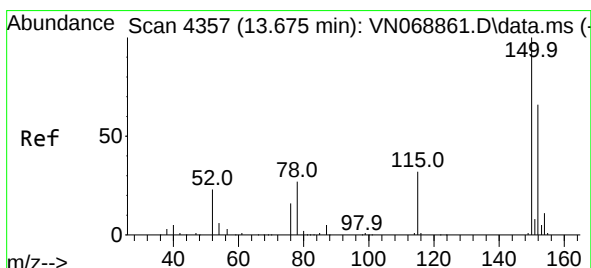
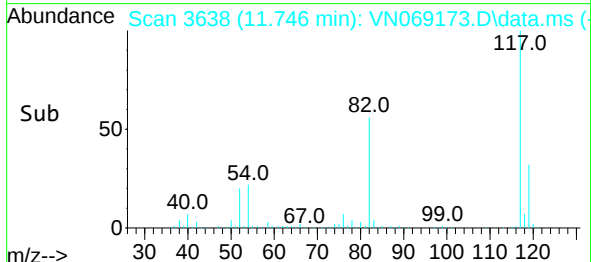
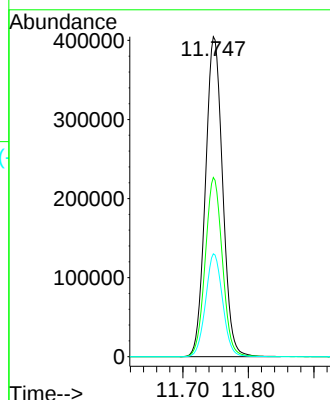
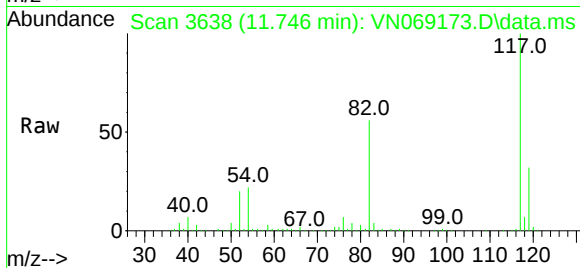
Delta R.T. 0.000 min

Lab File: VN069173.D

Acq: 26 Oct 2021 00:26

Tgt Ion:117 Resp: 735604

Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.4	69.6
119	32.2	26.0	39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.678 min Scan# 4358

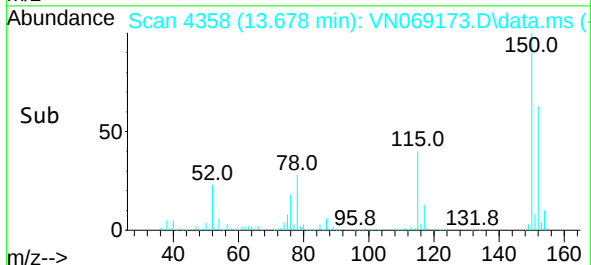
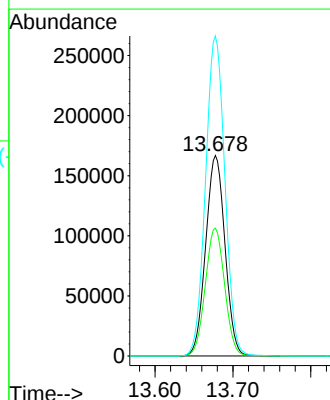
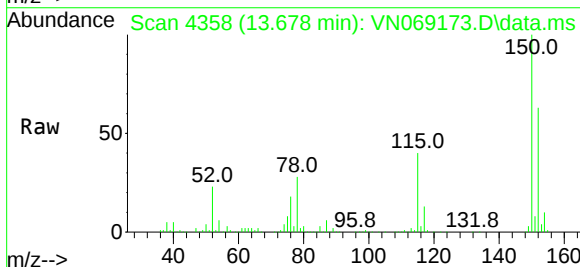
Delta R.T. 0.003 min

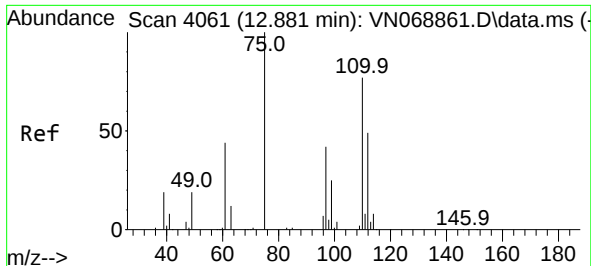
Lab File: VN069173.D

Acq: 26 Oct 2021 00:26

Tgt Ion:152 Resp: 288136

Ion	Ratio	Lower	Upper
152	100		
115	63.8	31.4	94.3
150	159.7	0.0	351.0

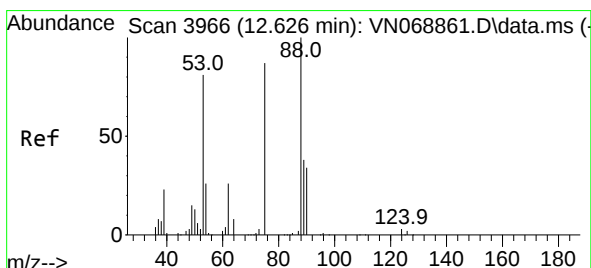
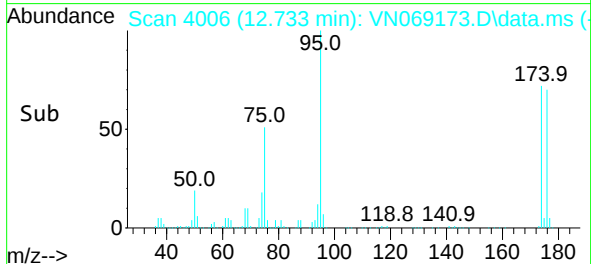
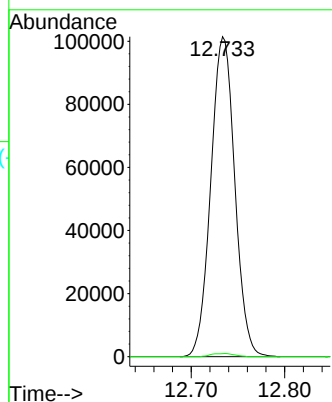
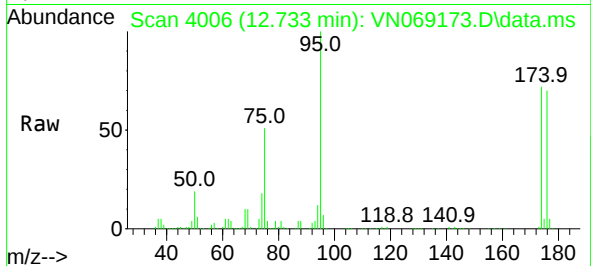




#76
1,2,3-Trichloropropane
Concen: 29.507 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069173.D
Acq: 26 Oct 2021 00:26

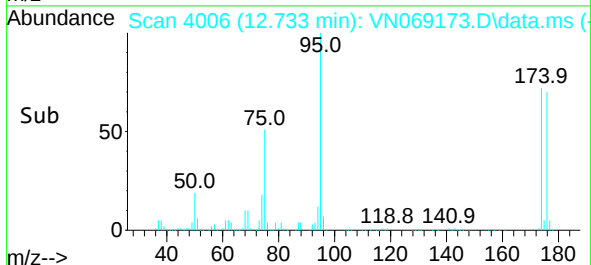
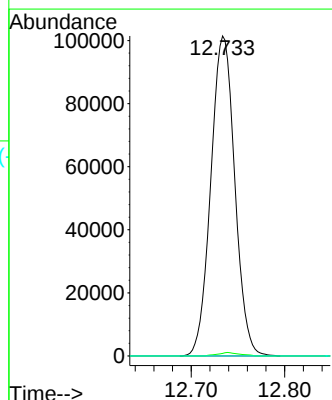
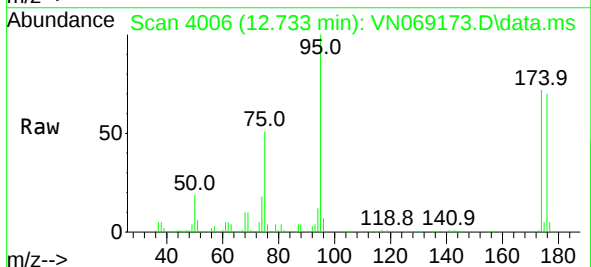
Instrument :
MSVOA_N
ClientSampleId :

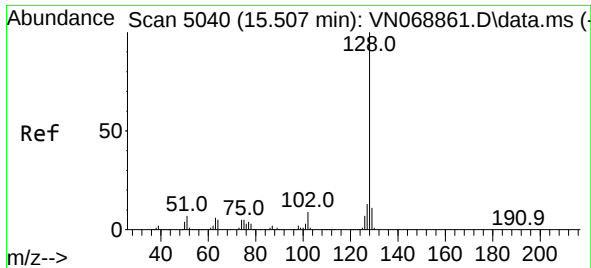
Tgt Ion: 75 Resp: 180899
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.594 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069173.D
Acq: 26 Oct 2021 00:26

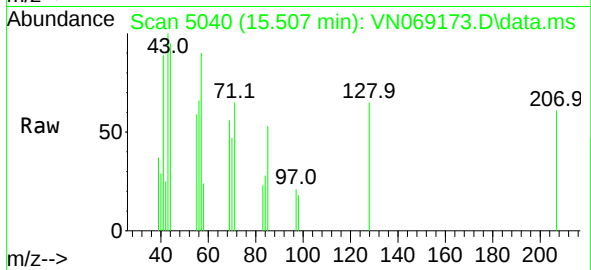
Tgt Ion: 75 Resp: 180899
Ion Ratio Lower Upper
75 100
53 1.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 3.883 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069173.D
Acq: 26 Oct 2021 00:26

Instrument :
MSVOA_N
ClientSampleId :



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

