

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
 Data File : VN068791.D
 Acq On : 1 Oct 2021 18:33
 Operator : JC/MD
 Sample : M4040-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 02 04:02:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

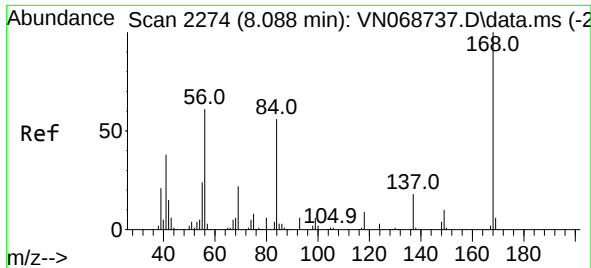
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	481302	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	834200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	675726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	248447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	347692	51.847	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 103.700%		
35) Dibromofluoromethane	8.024	113	271706	52.422	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 104.840%		
50) Toluene-d8	10.443	98	995907	52.582	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 105.160%		
62) 4-Bromofluorobenzene	12.733	95	303059	46.049	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 92.100%		
Target Compounds						Qvalue
3) Chloromethane	2.309	50	1095	Below Cal	#	84
5) Bromomethane	2.861	94	456	Below Cal	#	53
6) Chloroethane	3.025	64	138	Below Cal	#	44
16) Acetone	4.299	43	4422	Below Cal		91
17) Carbon Disulfide	4.537	76	24	Below Cal	#	74
20) Methylene Chloride	5.109	84	1613	0.277 ug/l	#	84
31) Cyclohexane	8.088	56	13379	Below Cal	#	41
36) 1,1-Dichloropropene	8.088	75	42584	5.428 ug/l	#	45
38) Carbon Tetrachloride	8.088	117	52712	5.656 ug/l	#	16
51) 4-Methyl-2-Pentanone	10.443	43	5189	0.627 ug/l	#	1
76) 1,2,3-Trichloropropane	12.733	75	179623	32.510 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.733	75	179623	94.506 ug/l	#	6
95) Naphthalene	15.509	128	247	1.467 ug/l	#	69

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

Quant Time: Oct 02 04:02:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 29 23:31:35 2021
Response via : Initial Calibration

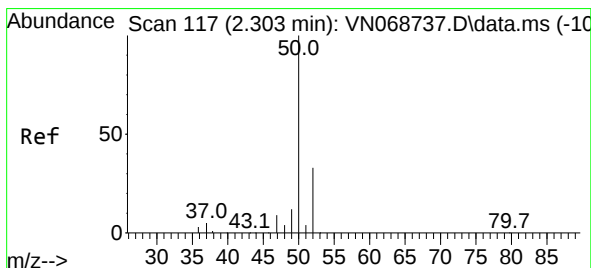
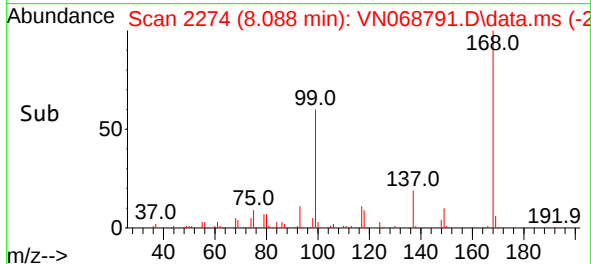
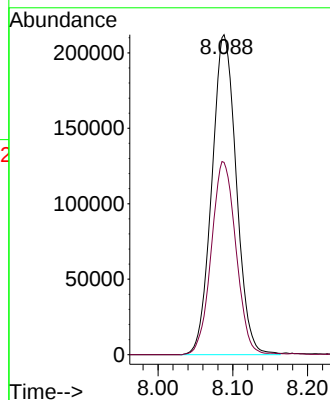
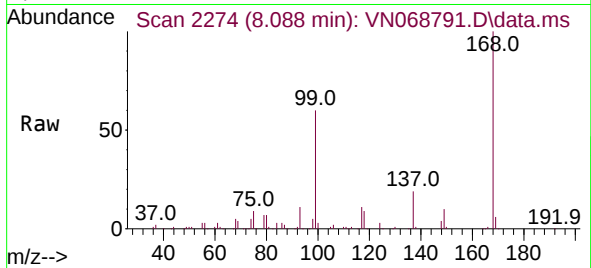




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068791.D
Acq: 1 Oct 2021 18:33

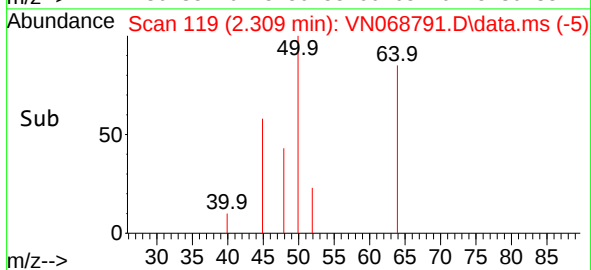
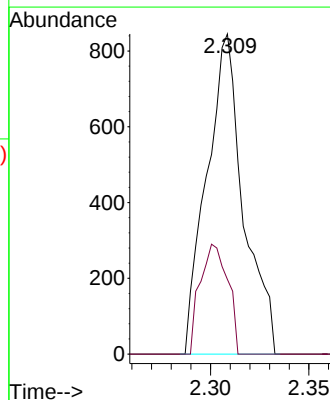
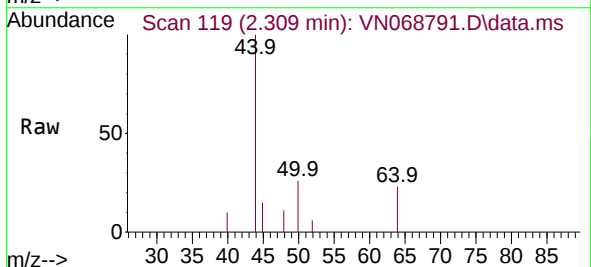
Instrument :
MSVOA_N
ClientSampled :

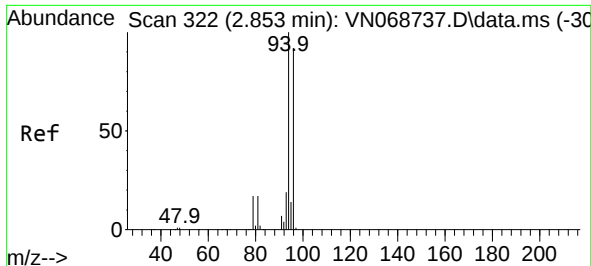
Tgt Ion:168 Resp: 481302
Ion Ratio Lower Upper
168 100
99 60.1 62.9 94.3#



#3
Chloromethane
Concen: Below Cal
RT: 2.309 min Scan# 119
Delta R.T. 0.006 min
Lab File: VN068791.D
Acq: 1 Oct 2021 18:33

Tgt Ion: 50 Resp: 1095
Ion Ratio Lower Upper
50 100
52 23.3 25.6 38.4#

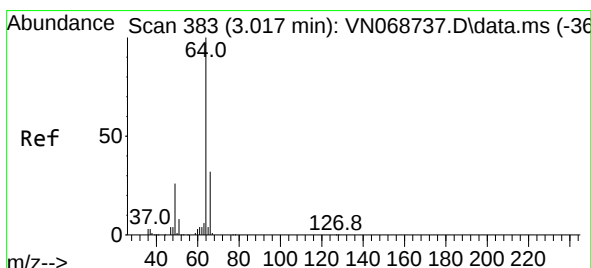
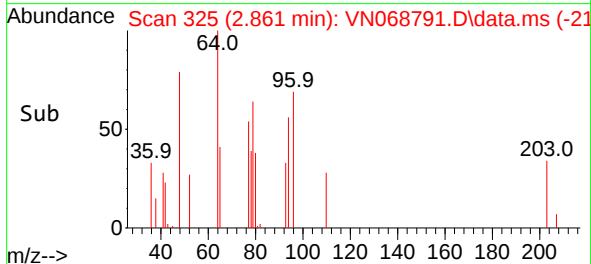
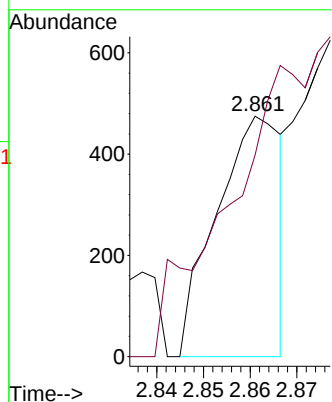
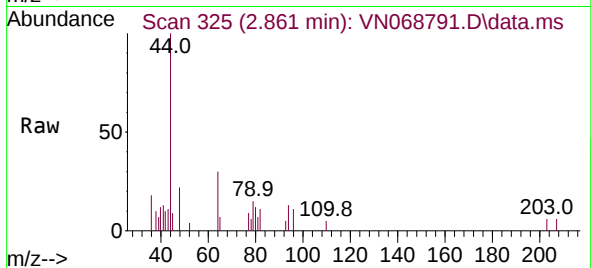




#5
Bromomethane
Concen: Below Cal
RT: 2.861 min Scan# 325
Delta R.T. 0.008 min
Lab File: VN068791.D
Acq: 1 Oct 2021 18:33

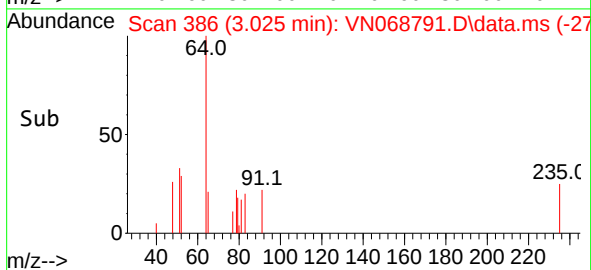
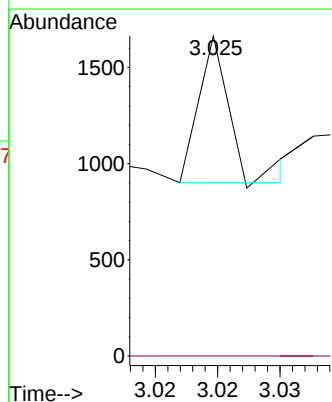
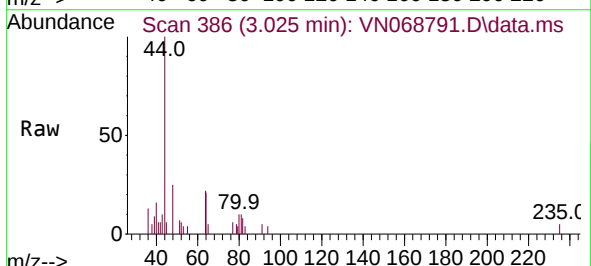
Instrument :
MSVOA_N
ClientSampleId :

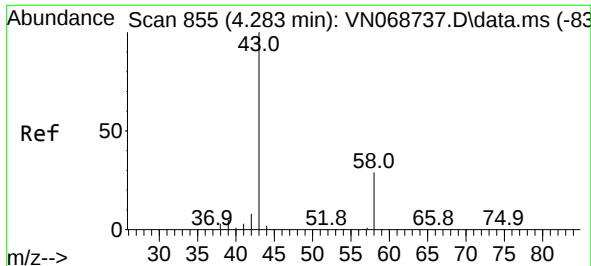
Tgt Ion: 94 Resp: 456
Ion Ratio Lower Upper
94 100
96 46.9 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.025 min Scan# 386
Delta R.T. 0.008 min
Lab File: VN068791.D
Acq: 1 Oct 2021 18:33

Tgt Ion: 64 Resp: 138
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

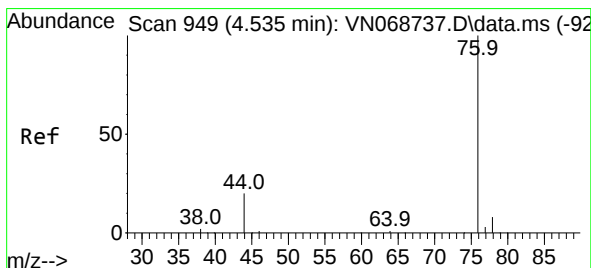
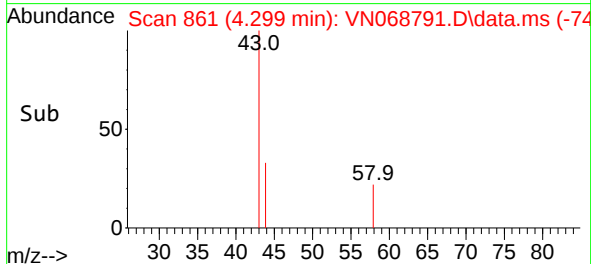
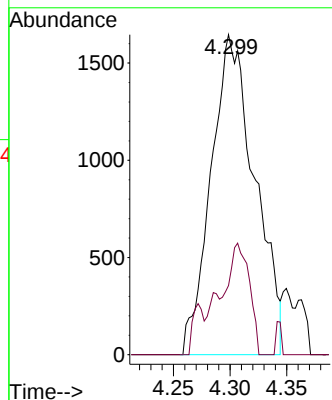
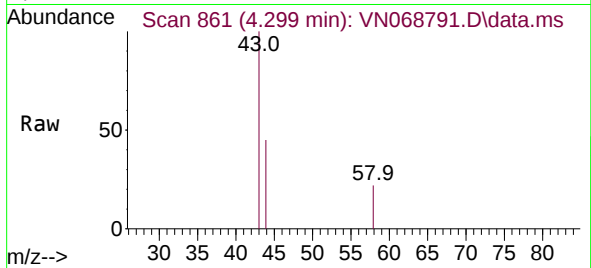




#16
Acetone
Concen: Below Cal
RT: 4.299 min Scan# 861
Delta R.T. 0.016 min
Lab File: VN068791.D
Acq: 1 Oct 2021 18:33

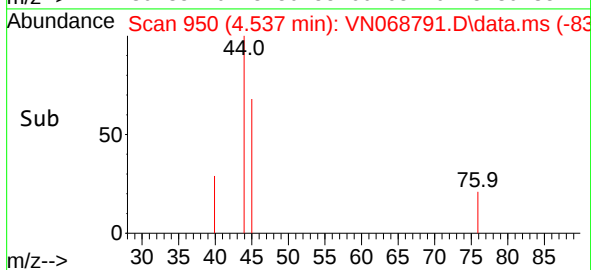
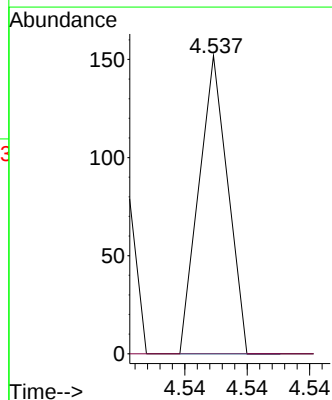
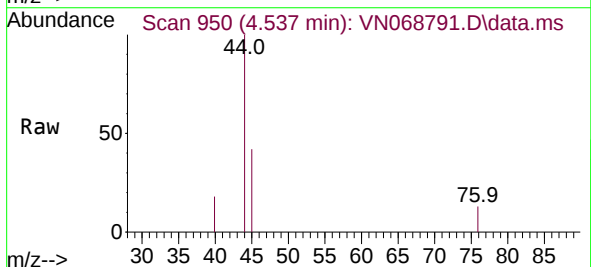
Instrument :
MSVOA_N
ClientSampled :

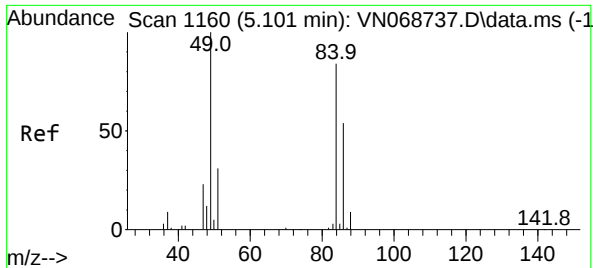
Tgt Ion: 43 Resp: 4422
Ion Ratio Lower Upper
43 100
58 21.6 21.2 31.8



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.537 min Scan# 950
Delta R.T. 0.002 min
Lab File: VN068791.D
Acq: 1 Oct 2021 18:33

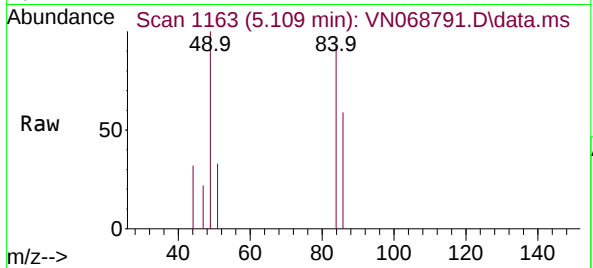
Tgt Ion: 76 Resp: 24
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#





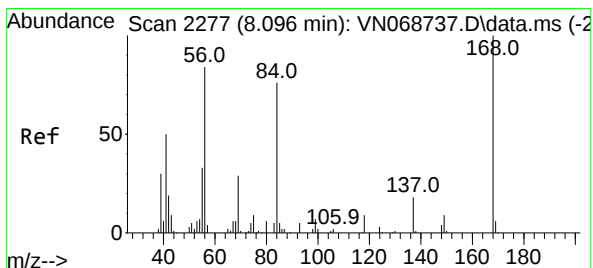
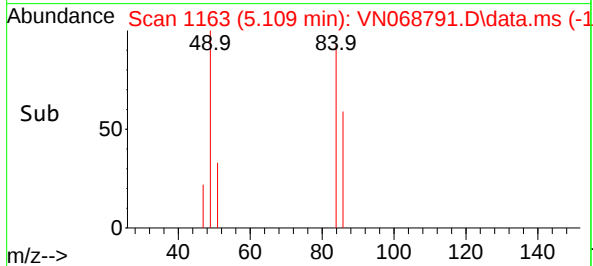
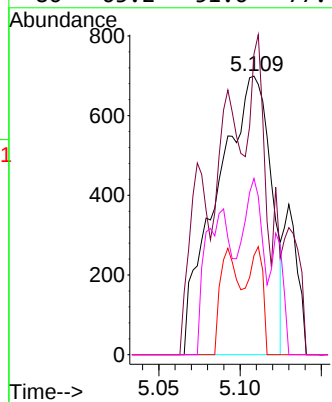
#20
Methylene Chloride
Concen: 0.277 ug/l
RT: 5.109 min Scan# 1163
Delta R.T. 0.008 min
Lab File: VN068791.D
Acq: 1 Oct 2021 18:33

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 84 Resp: 1613

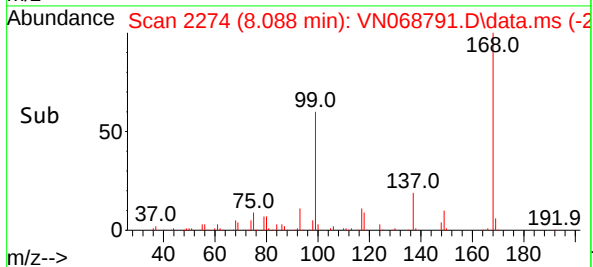
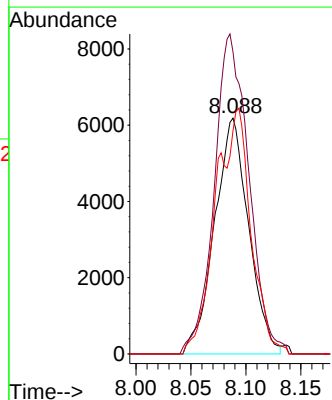
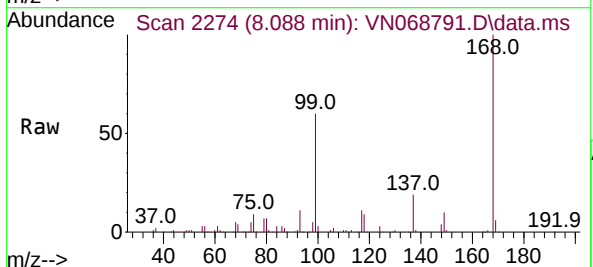
Ion	Ratio	Lower	Upper
84	100		
49	107.9	110.9	166.3#
51	35.6	32.6	49.0
86	63.2	51.6	77.4

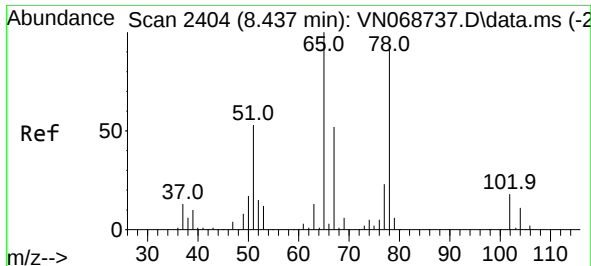


#31
Cyclohexane
Concen: Below Cal
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN068791.D
Acq: 1 Oct 2021 18:33

Tgt Ion: 56 Resp: 13379

Ion	Ratio	Lower	Upper
56	100		
69	128.1	27.3	40.9#
84	94.7	64.9	97.3



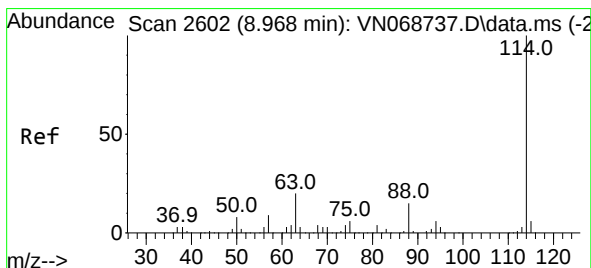
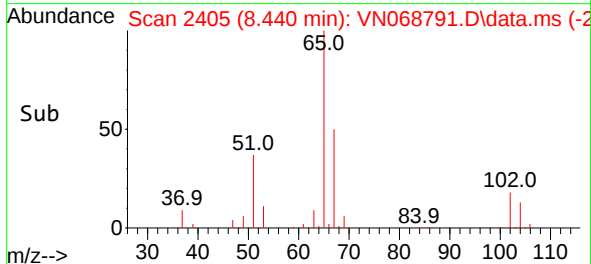
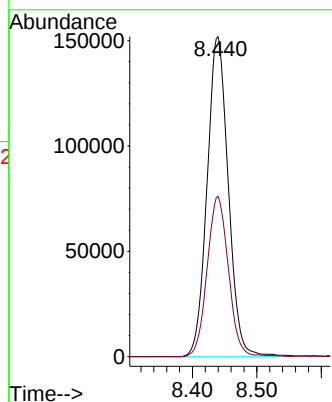
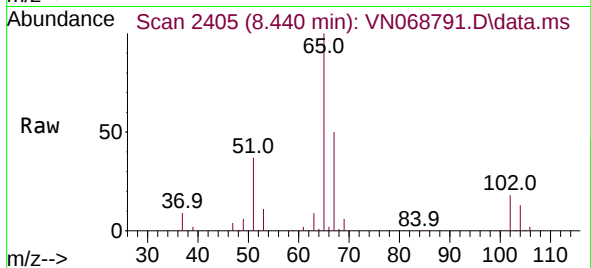


#33

1,2-Dichloroethane-d4
Concen: 51.847 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068791.D
Acq: 1 Oct 2021 18:33

Instrument :
MSVOA_N
ClientSampled :

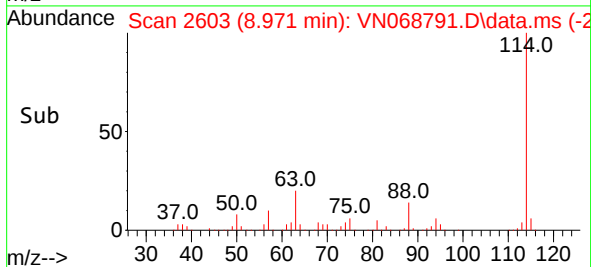
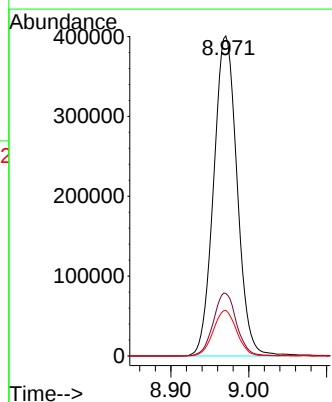
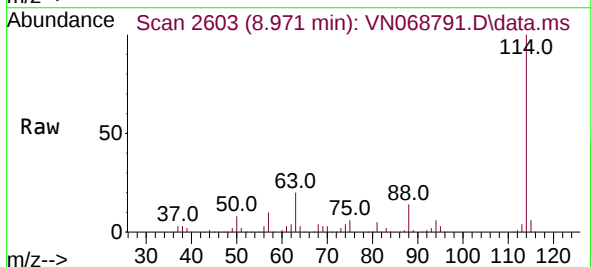
Tgt Ion: 65 Resp: 347692
Ion Ratio Lower Upper
65 100
67 49.9 0.0 98.6

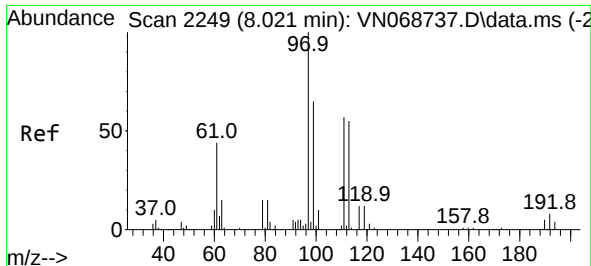


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068791.D
Acq: 1 Oct 2021 18:33

Tgt Ion: 114 Resp: 834200
Ion Ratio Lower Upper
114 100
63 19.5 0.0 49.0
88 14.3 0.0 36.6

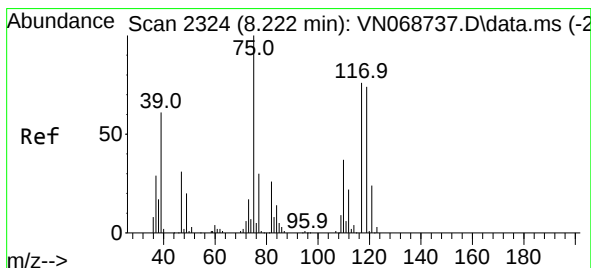
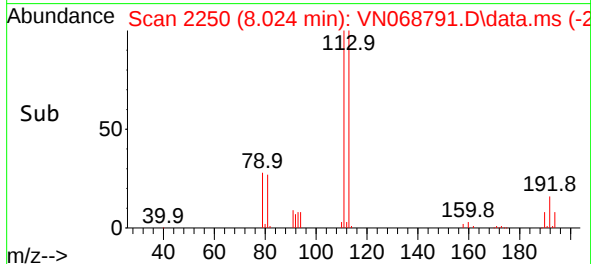
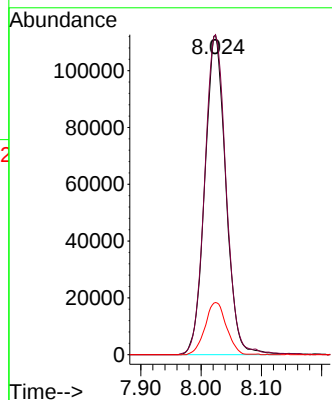
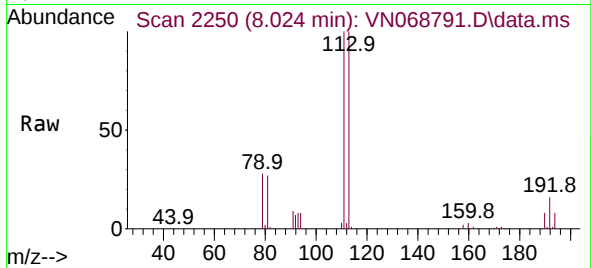




#35
Dibromofluoromethane
Concen: 52.422 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068791.D
Acq: 1 Oct 2021 18:33

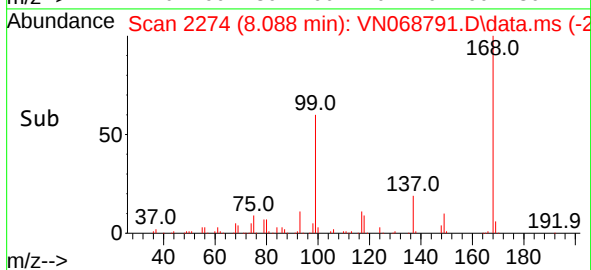
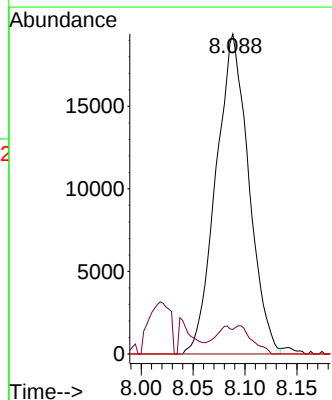
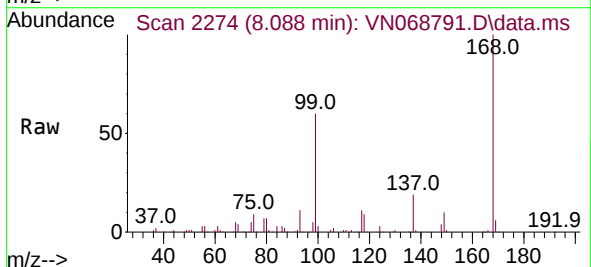
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MSVOA_N
ClientSampled :

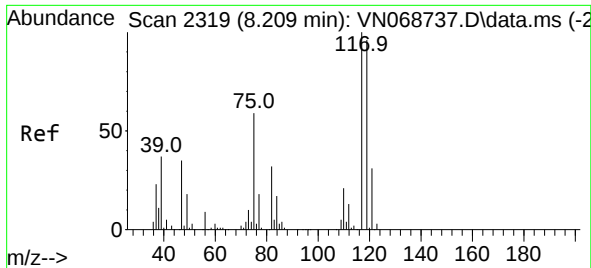
Tgt Ion:113 Resp: 271706
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.8
192 16.6 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.428 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068791.D
Acq: 1 Oct 2021 18:33

Tgt Ion: 75 Resp: 42584
Ion Ratio Lower Upper
75 100
110 2.0 15.7 47.0#
77 0.0 24.6 37.0#

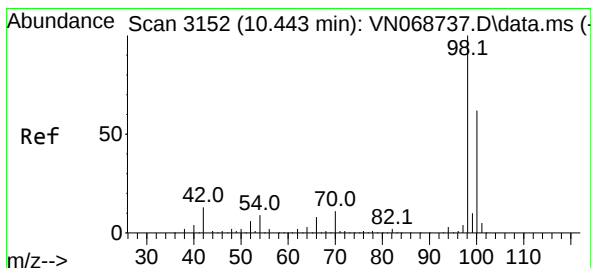
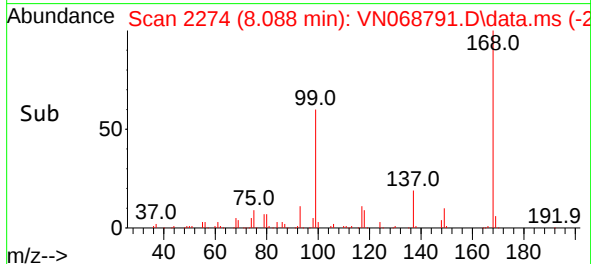
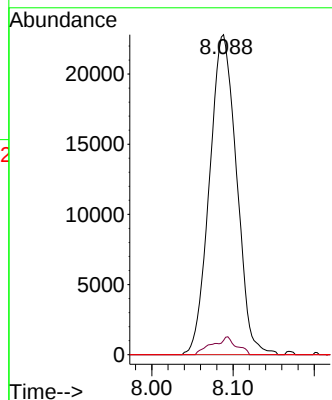
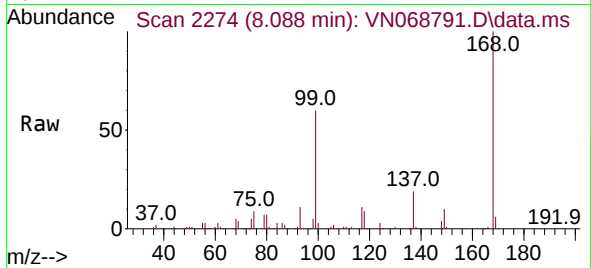




#38
Carbon Tetrachloride
Concen: 5.656 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068791.D
Acq: 1 Oct 2021 18:33

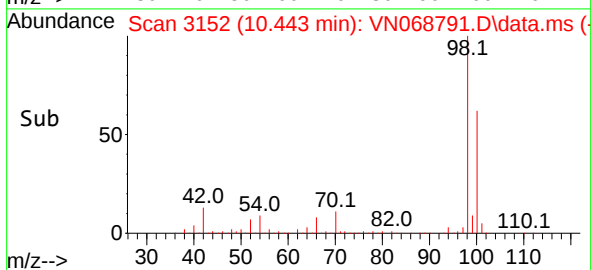
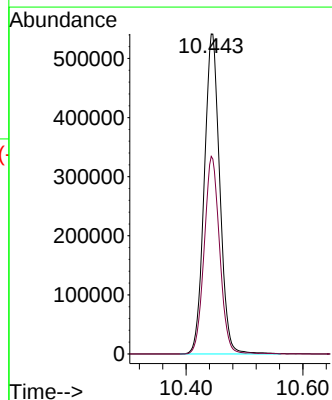
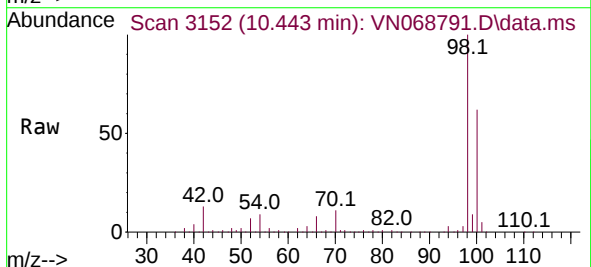
Instrument :
MSVOA_N
ClientSampleId :

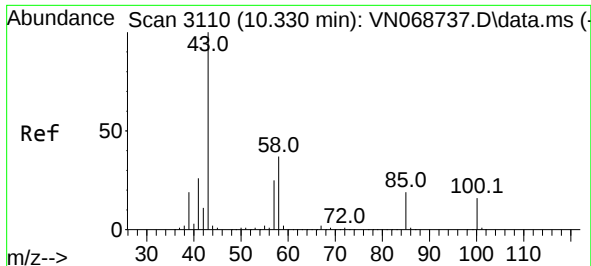
Tgt Ion:117 Resp: 52712
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 52.582 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068791.D
Acq: 1 Oct 2021 18:33

Tgt Ion: 98 Resp: 995907
Ion Ratio Lower Upper
98 100
100 61.3 51.7 77.5

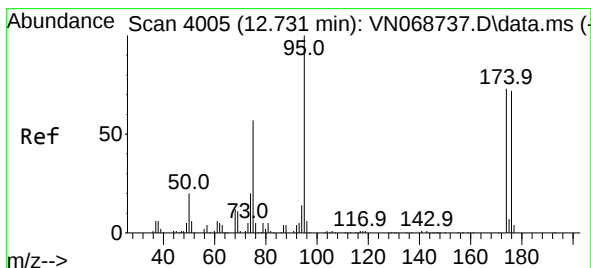
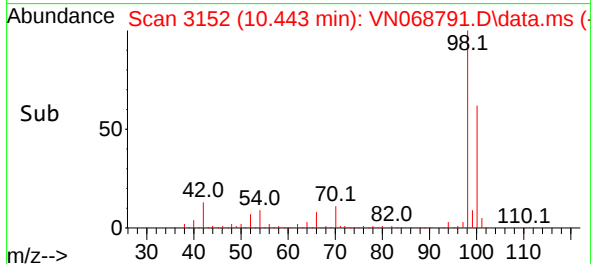
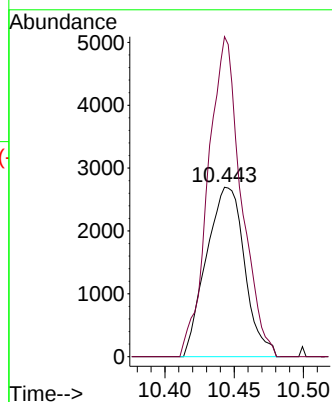
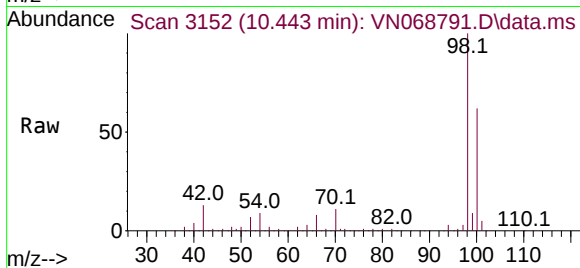




#51
4-Methyl-2-Pentanone
Concen: 0.627 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.113 min
Lab File: VN068791.D
Acq: 1 Oct 2021 18:33

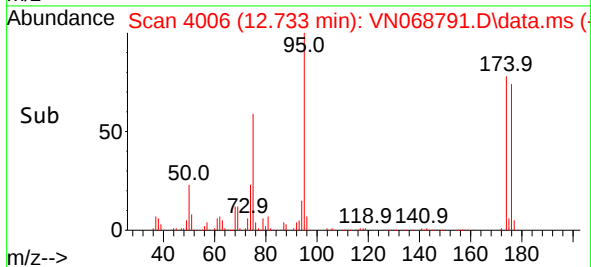
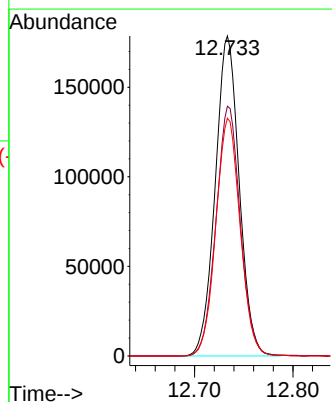
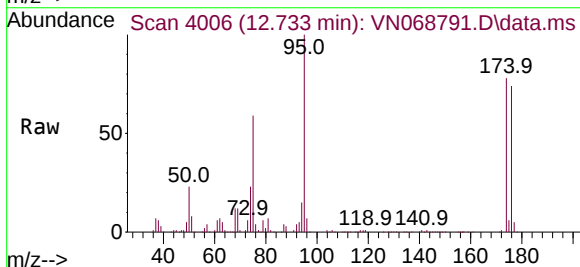
Instrument :
MSVOA_N
ClientSampled :

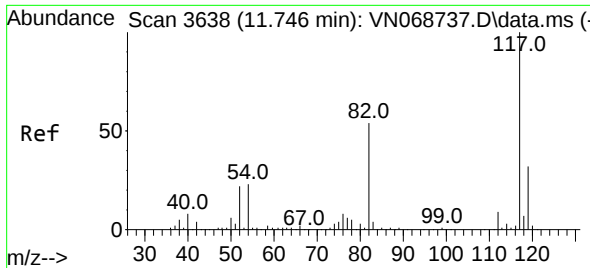
Tgt Ion: 43 Resp: 5189
Ion Ratio Lower Upper
43 100
58 163.5 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 46.049 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068791.D
Acq: 1 Oct 2021 18:33

Tgt Ion: 95 Resp: 303059
Ion Ratio Lower Upper
95 100
174 79.0 0.0 122.0
176 75.3 0.0 117.6

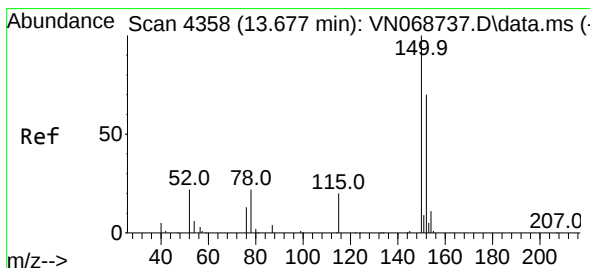
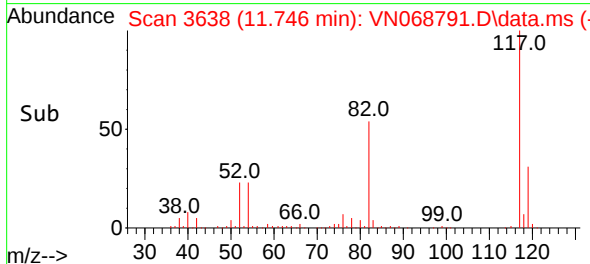
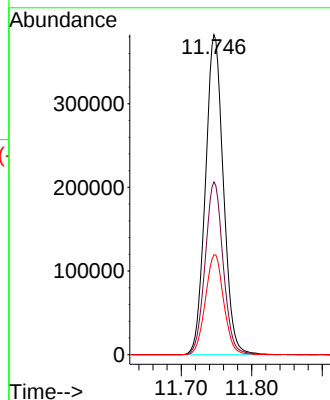
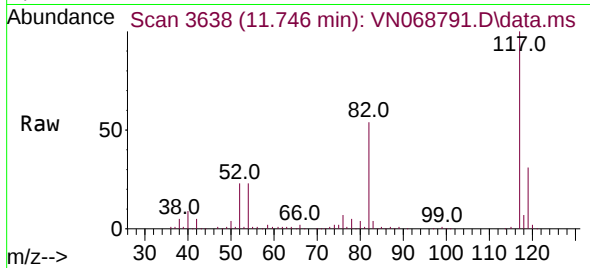




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068791.D
Acq: 1 Oct 2021 18:33

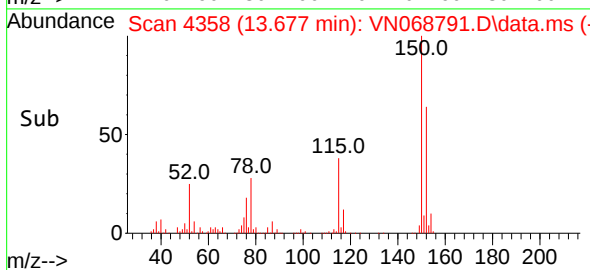
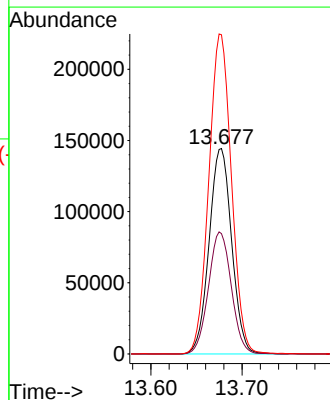
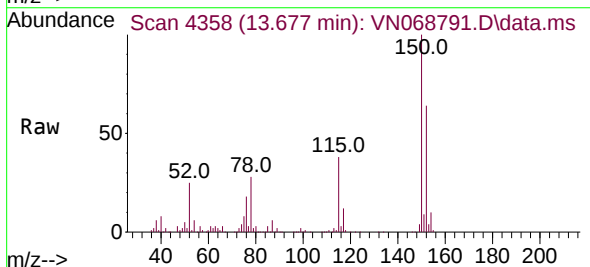
Instrument :
MSVOA_N
ClientSampled :

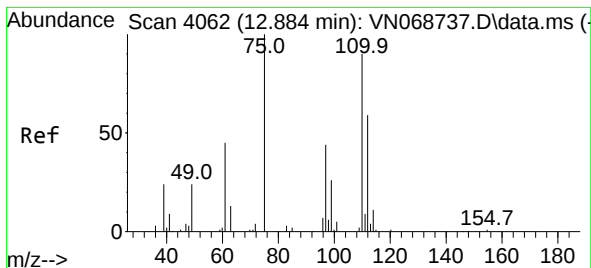
Tgt Ion:117 Resp: 675726
Ion Ratio Lower Upper
117 100
82 54.0 53.1 79.7
119 31.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN068791.D
Acq: 1 Oct 2021 18:33

Tgt Ion:152 Resp: 248447
Ion Ratio Lower Upper
152 100
115 60.0 36.1 108.5
150 155.7 0.0 351.8





#76

1,2,3-Trichloropropane

Concen: 32.510 ug/l

RT: 12.733 min Scan# 4006

Delta R.T. -0.151 min

Lab File: VN068791.D

Acq: 1 Oct 2021 18:33

Tgt Ion: 75 Resp: 179623

Ion Ratio Lower Upper

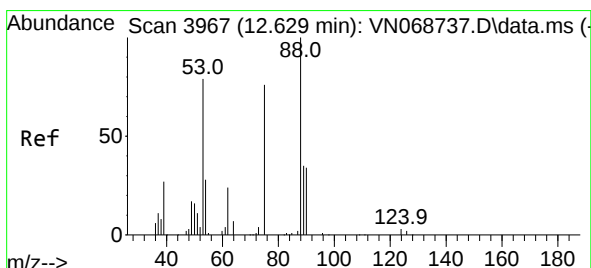
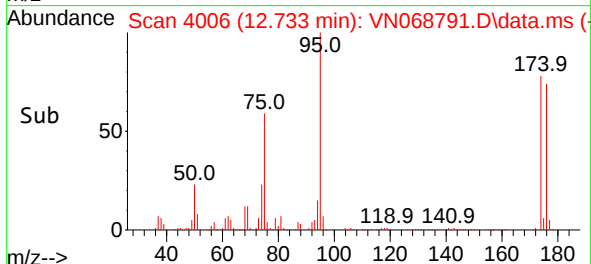
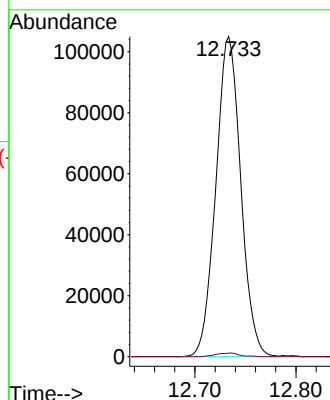
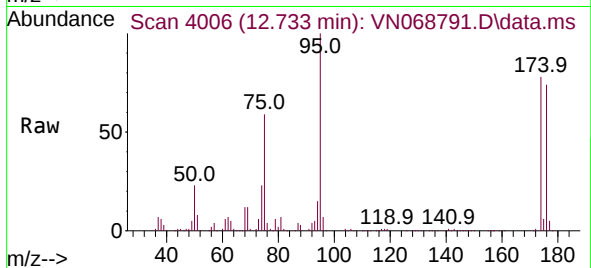
75 100

77 1.1 0.0 0.0#

Instrument :

MSVOA_N

ClientSampled :



#81

trans-1,4-Dichloro-2-butene

Concen: 94.506 ug/l

RT: 12.733 min Scan# 4006

Delta R.T. 0.104 min

Lab File: VN068791.D

Acq: 1 Oct 2021 18:33

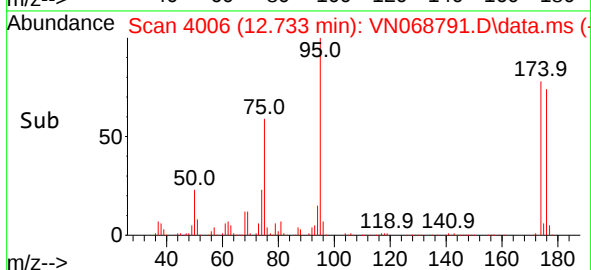
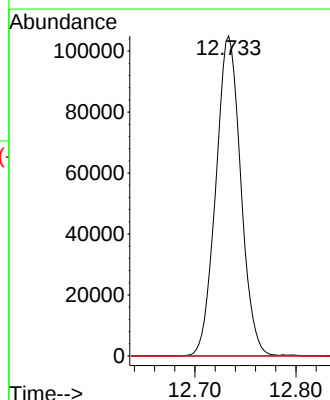
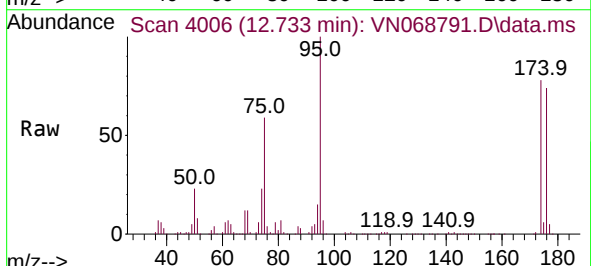
Tgt Ion: 75 Resp: 179623

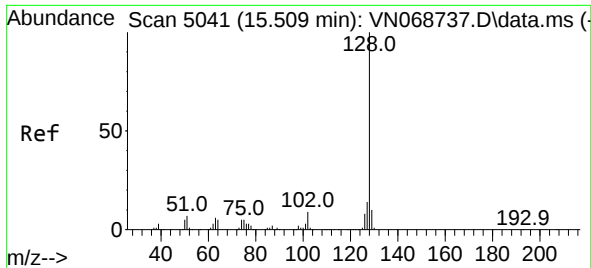
Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

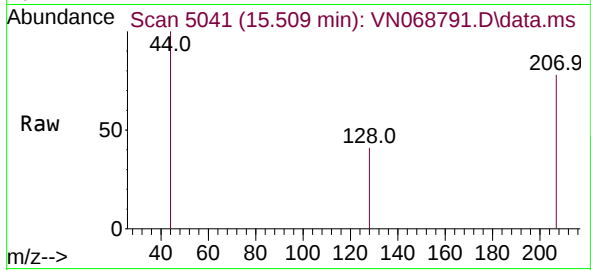
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 1.467 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068791.D
Acq: 1 Oct 2021 18:33

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 247
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

