

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093021\
 Data File : VN068771.D
 Acq On : 30 Sep 2021 18:45
 Operator : JC/MD
 Sample : M3915-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

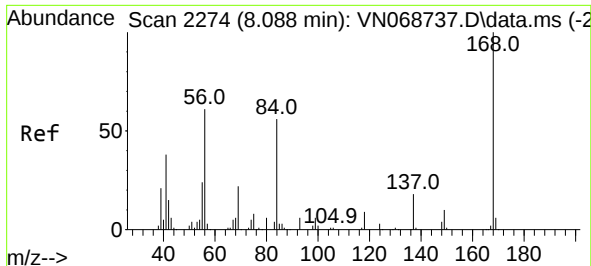
Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D3-20210921

Quant Time: Oct 01 04:49:12 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	486799	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	839448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	666607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	238894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	340541	50.207	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 100.420%		
35) Dibromofluoromethane	8.024	113	265632	50.929	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 101.860%		
50) Toluene-d8	10.443	98	1004916	52.726	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 105.460%		
62) 4-Bromofluorobenzene	12.733	95	291245	43.978	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 87.960%		
Target Compounds						
						Qvalue
3) Chloromethane	2.303	50	724	Below Cal	99	
5) Bromomethane	2.853	94	303	Below Cal	100	
6) Chloroethane	3.017	64	138	Below Cal	#	44
16) Acetone	4.315	43	3401	Below Cal	91	
17) Carbon Disulfide	4.540	76	56	Below Cal	#	74
31) Cyclohexane	8.086	56	13544	Below Cal	#	27
36) 1,1-Dichloropropene	8.088	75	41870	5.303	ug/l	# 53
38) Carbon Tetrachloride	8.088	117	53928	5.750	ug/l	# 17
44) Trichloroethene	9.215	130	1750	0.273	ug/l	50
51) 4-Methyl-2-Pentanone	10.446	43	5192	0.623	ug/l	# 1
76) 1,2,3-Trichloropropane	12.733	75	172989	32.561	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.733	75	172989	94.655	ug/l	# 6
95) Naphthalene	15.515	128	447	1.486	ug/l	# 69

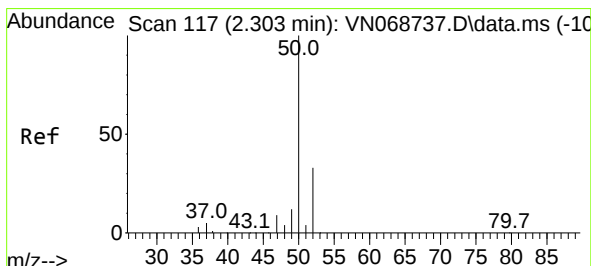
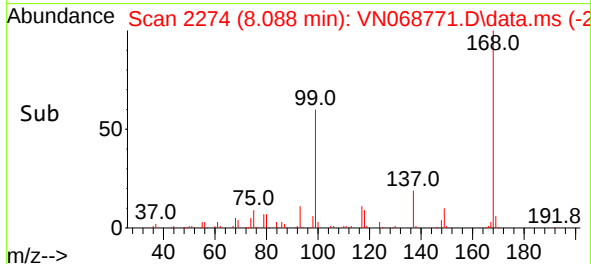
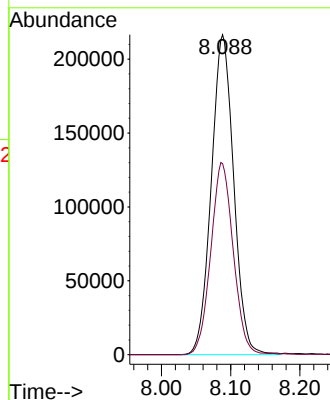
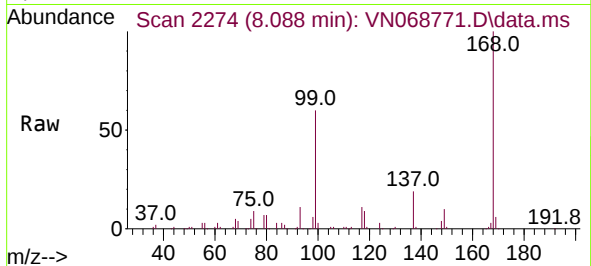
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

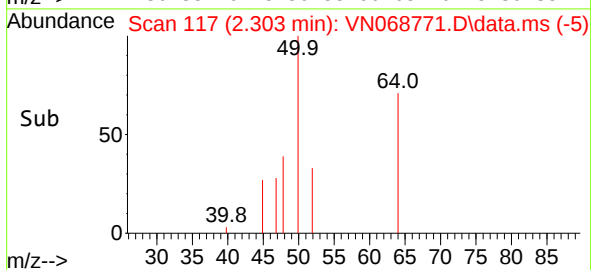
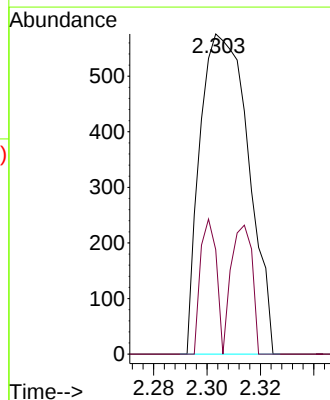
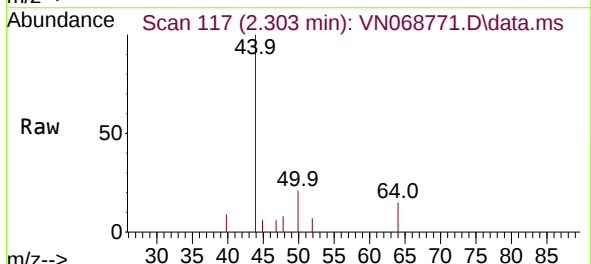
Instrument :
MSVOA_N
ClientSampleId :
RE104D3-20210921

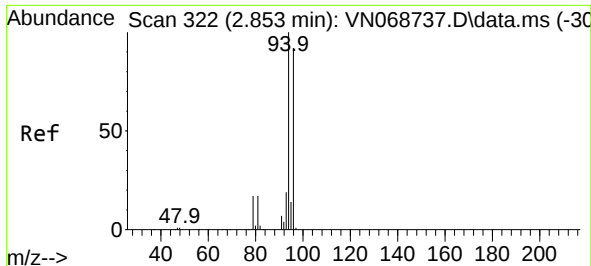
Tgt Ion:168 Resp: 486799
Ion Ratio Lower Upper
168 100
99 59.7 62.9 94.3#



#3
Chloromethane
Concen: Below Cal
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

Tgt Ion: 50 Resp: 724
Ion Ratio Lower Upper
50 100
52 32.6 25.6 38.4

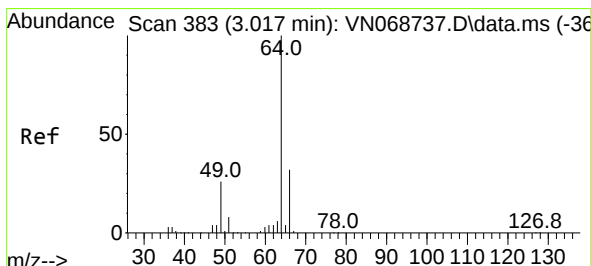
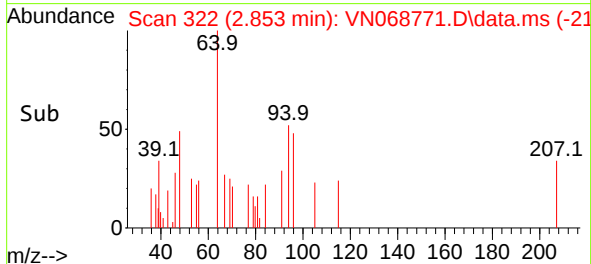
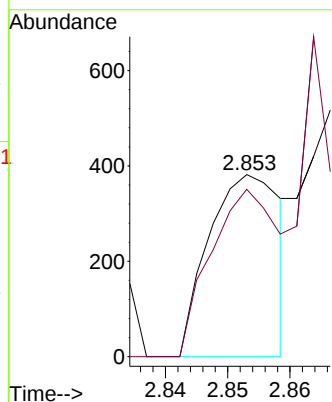
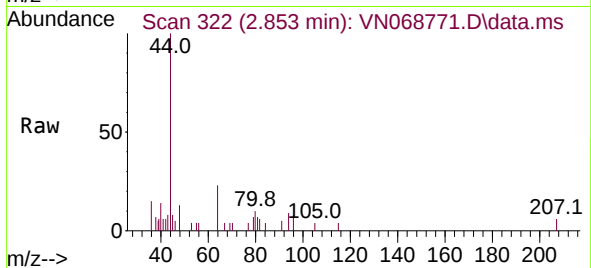




#5
Bromomethane
Concen: Below Cal
RT: 2.853 min Scan# 322
Delta R.T. 0.000 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

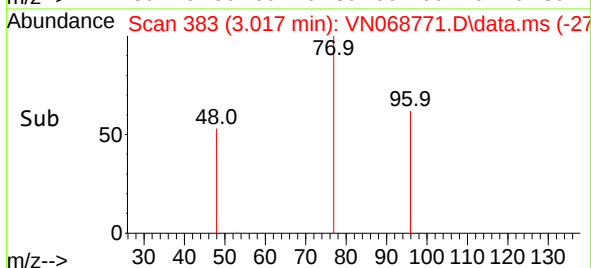
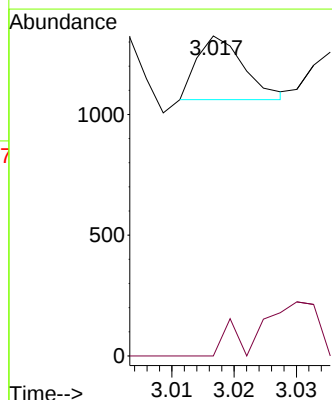
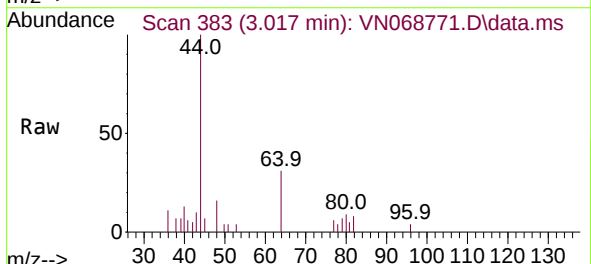
Instrument :
MSVOA_N
ClientSampleId :
RE104D3-20210921

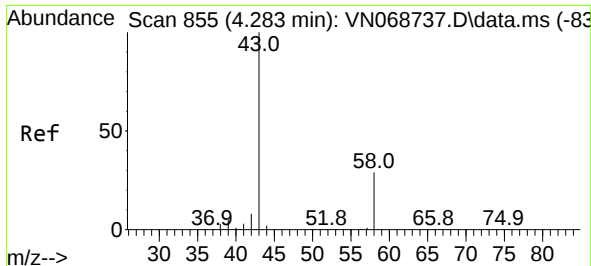
Tgt Ion: 94 Resp: 303
Ion Ratio Lower Upper
94 100
96 91.9 73.7 110.5



#6
Chloroethane
Concen: Below Cal
RT: 3.017 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

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

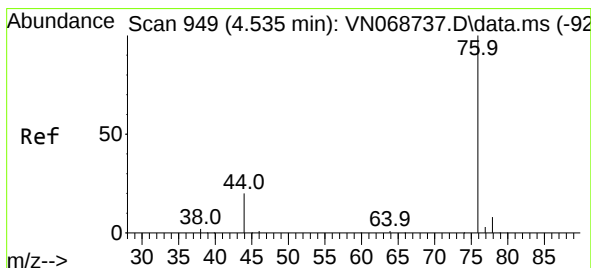
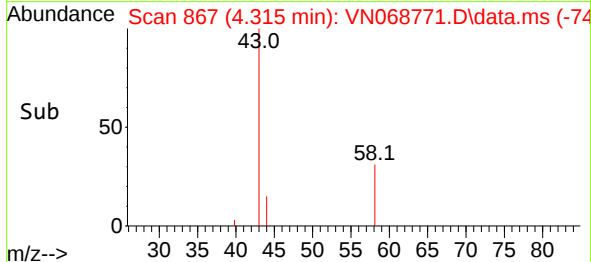
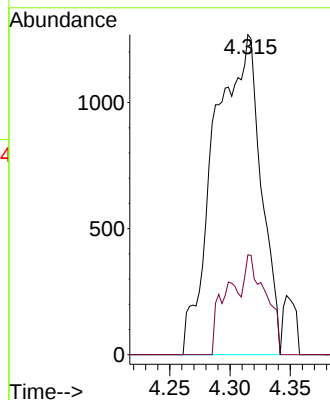
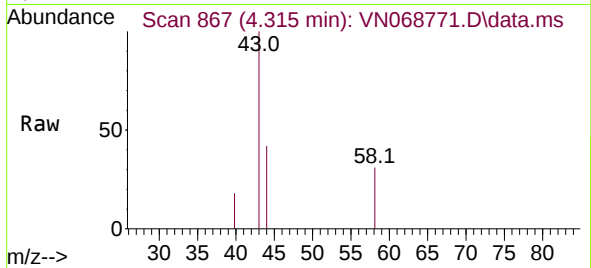




#16
Acetone
Concen: Below Cal
RT: 4.315 min Scan# 867
Delta R.T. 0.032 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

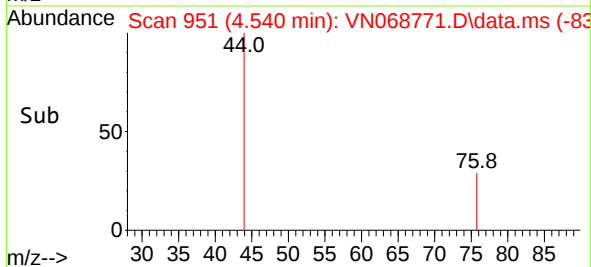
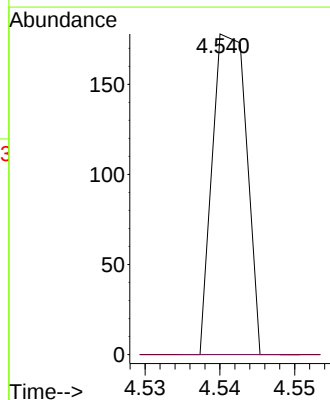
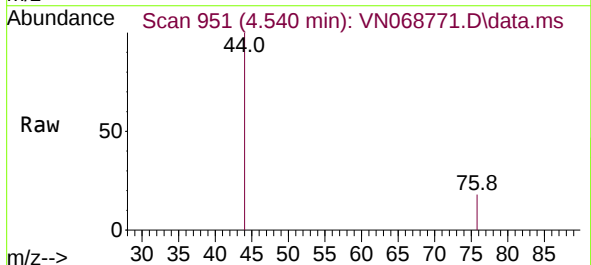
Instrument :
MSVOA_N
ClientSampleId :
RE104D3-20210921

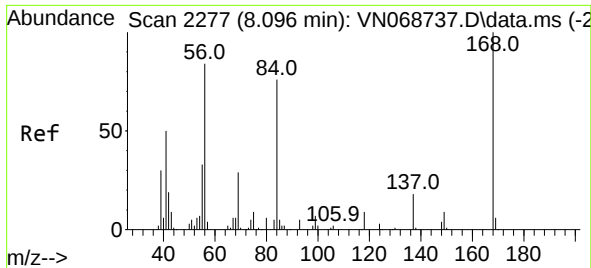
Tgt Ion: 43 Resp: 3401
Ion Ratio Lower Upper
43 100
58 31.2 21.2 31.8



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.540 min Scan# 951
Delta R.T. 0.005 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

Tgt Ion: 76 Resp: 56
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#

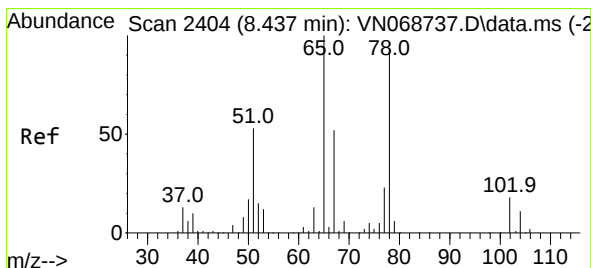
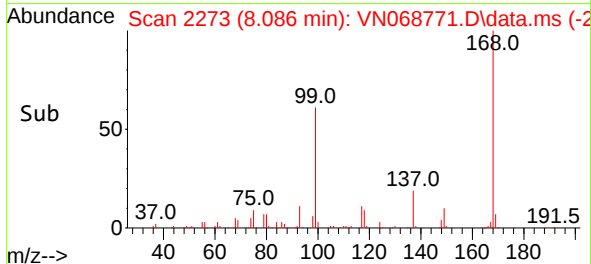
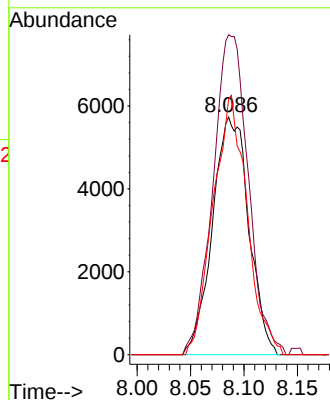
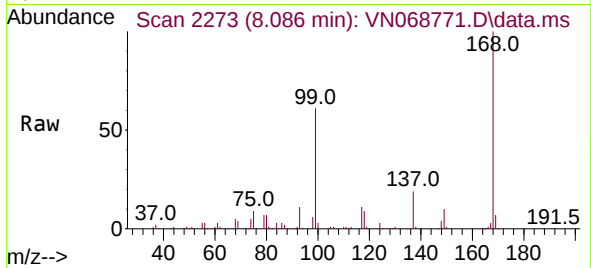




#31
Cyclohexane
Concen: Below Cal
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

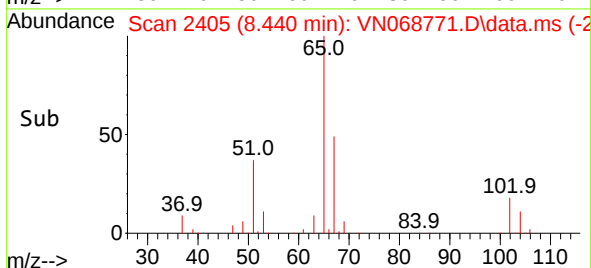
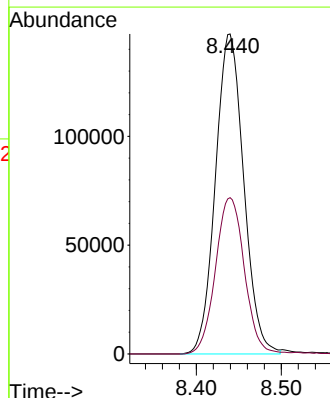
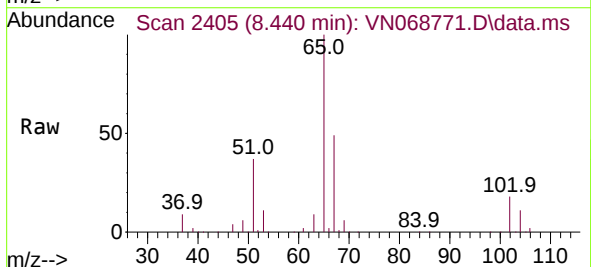
Instrument :
MSVOA_N
ClientSampleId :
RE104D3-20210921

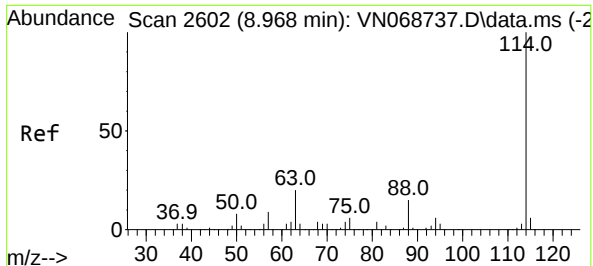
Tgt Ion:	56	Resp:	13544
Ion	Ratio	Lower	Upper
56	100		
69	134.7	27.3	40.9#
84	107.8	64.9	97.3#



#33
1,2-Dichloroethane-d4
Concen: 50.207 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

Tgt Ion:	65	Resp:	340541
Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	98.6

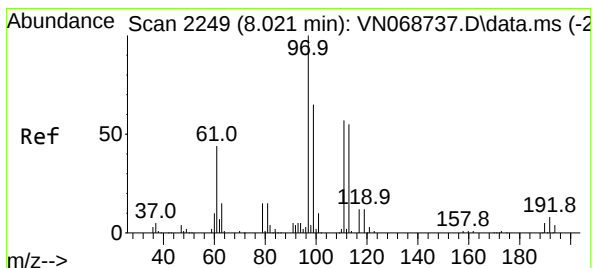
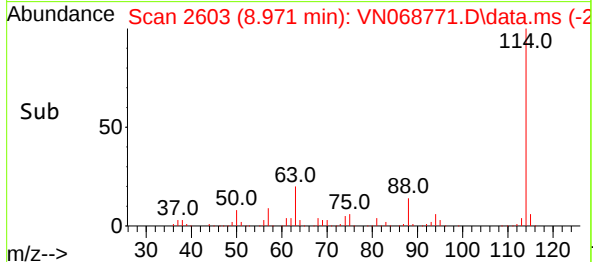
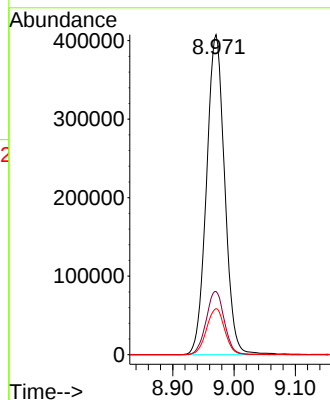
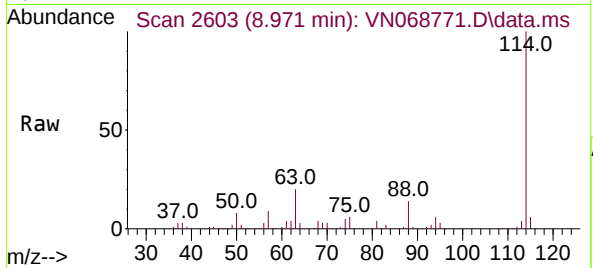




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

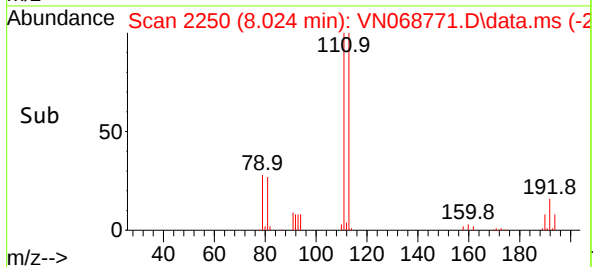
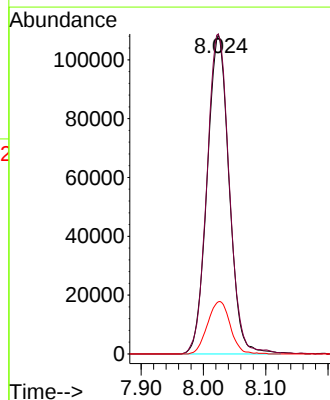
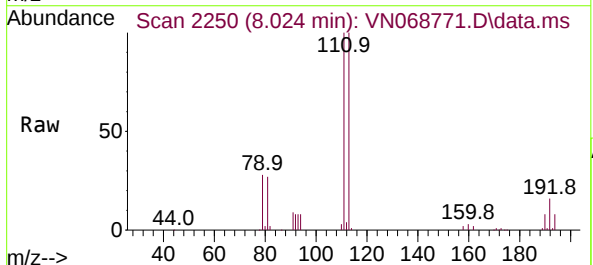
Instrument :
MSVOA_N
ClientSampleId :
RE104D3-20210921

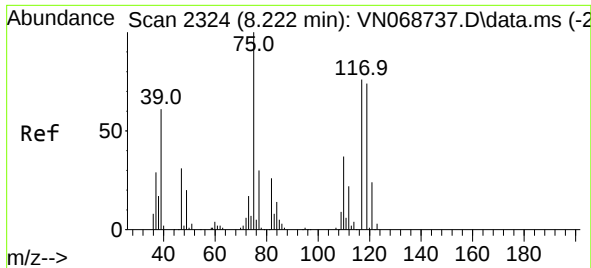
Tgt Ion:114 Resp: 839448
Ion Ratio Lower Upper
114 100
63 19.7 0.0 49.0
88 14.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.929 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

Tgt Ion:113 Resp: 265632
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.8
192 16.9 13.4 20.0

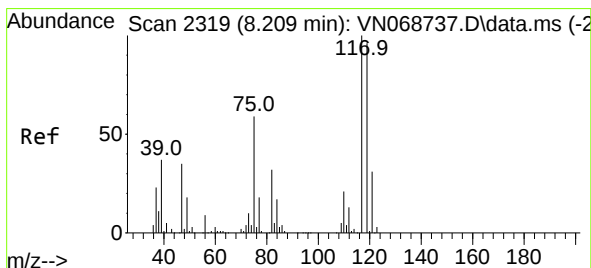
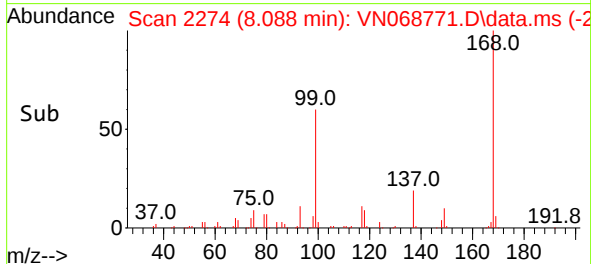
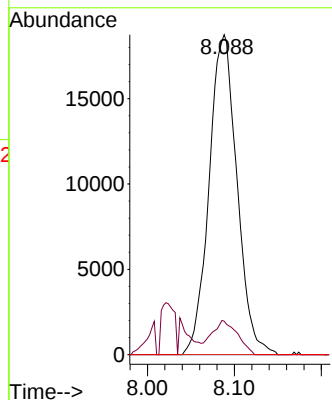
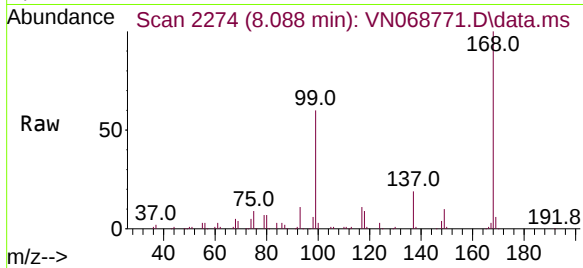




#36
1,1-Dichloropropene
Concen: 5.303 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

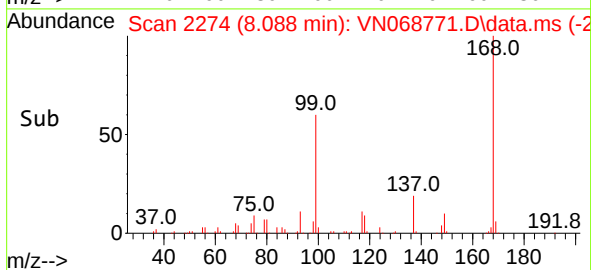
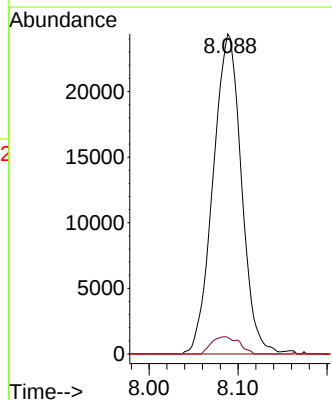
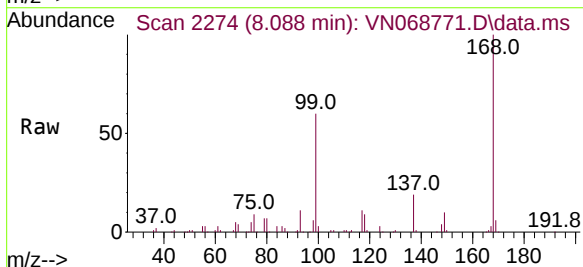
Instrument :
MSVOA_N
ClientSampleId :
RE104D3-20210921

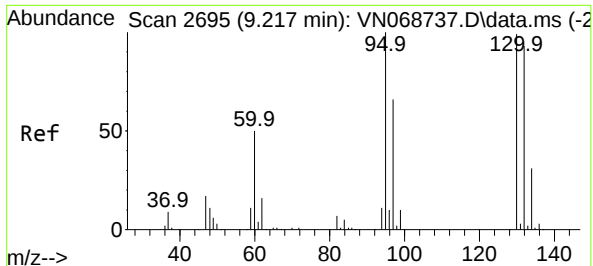
Tgt Ion: 75 Resp: 41870
Ion Ratio Lower Upper
75 100
110 10.0 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.750 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

Tgt Ion: 117 Resp: 53928
Ion Ratio Lower Upper
117 100
119 5.1 75.4 113.2#
121 0.0 23.5 35.3#

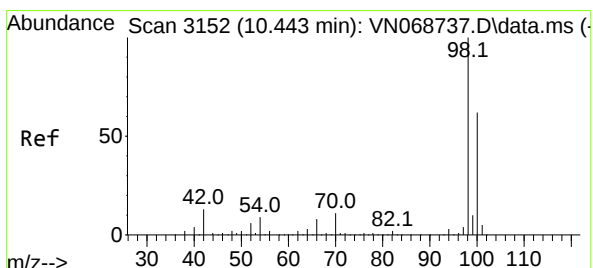
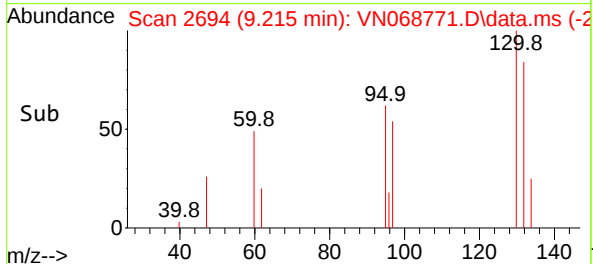
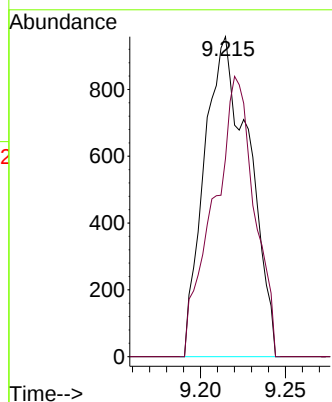
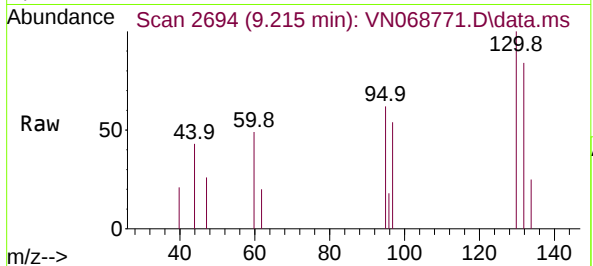




#44
Trichloroethene
Concen: 0.273 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

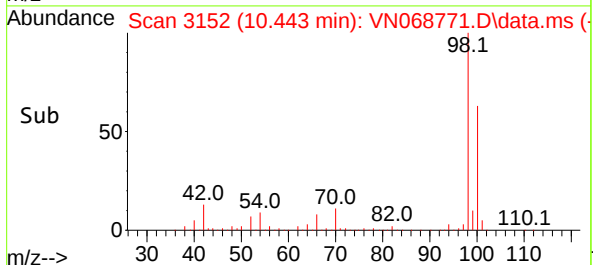
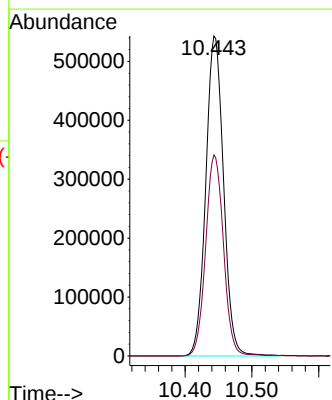
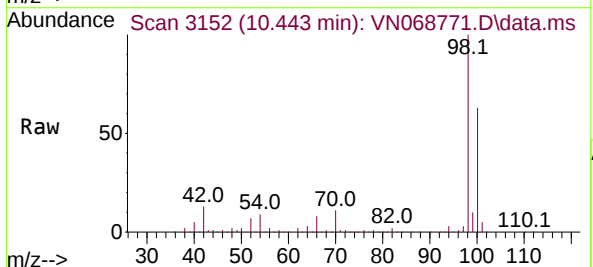
Instrument :
MSVOA_N
ClientSampleId :
RE104D3-20210921

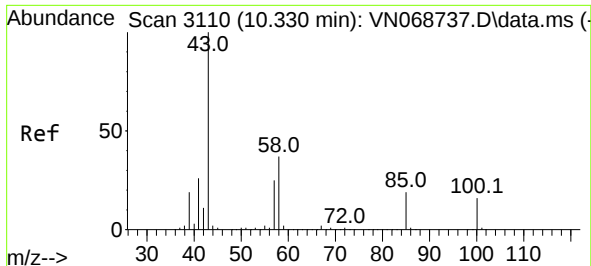
Tgt Ion:130 Resp: 1750
Ion Ratio Lower Upper
130 100
95 61.9 0.0 234.4



#50
Toluene-d8
Concen: 52.726 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

Tgt Ion: 98 Resp: 1004916
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5

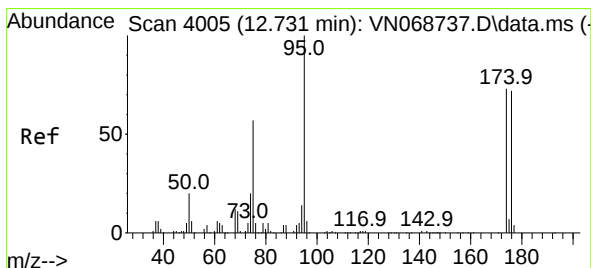
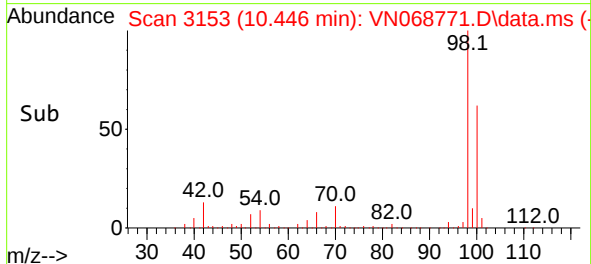
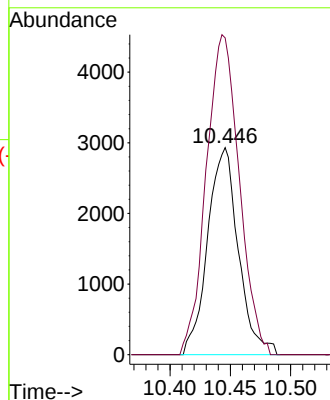
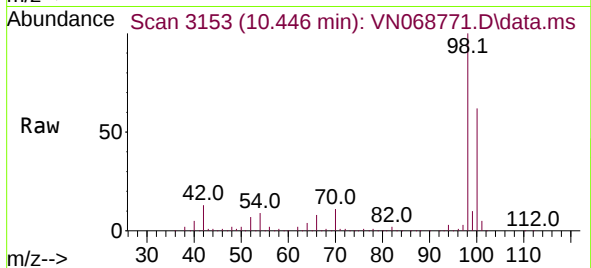




#51
4-Methyl-2-Pentanone
Concen: 0.623 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.116 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

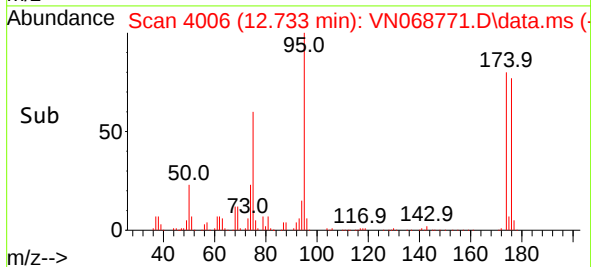
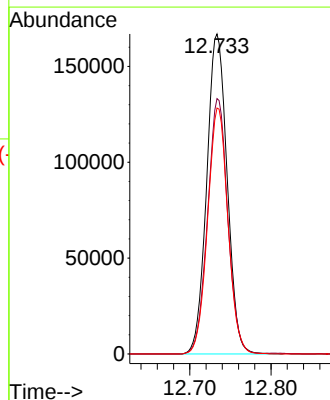
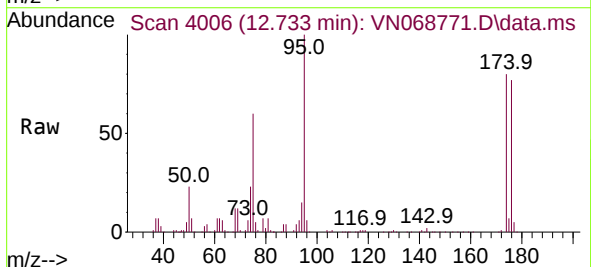
Instrument :
MSVOA_N
ClientSampleId :
RE104D3-20210921

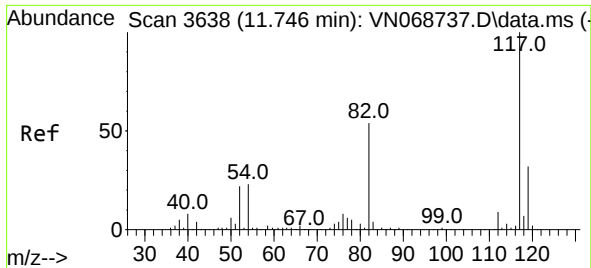
Tgt Ion: 43 Resp: 5192
Ion Ratio Lower Upper
43 100
58 166.2 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 43.978 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

Tgt Ion: 95 Resp: 291245
Ion Ratio Lower Upper
95 100
174 79.2 0.0 122.0
176 76.4 0.0 117.6

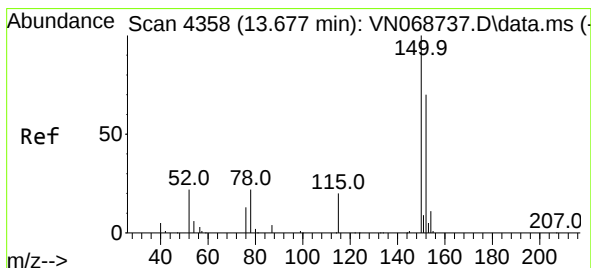
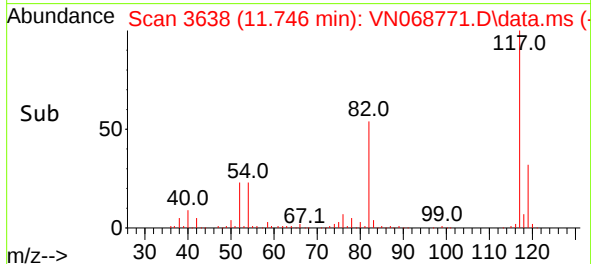
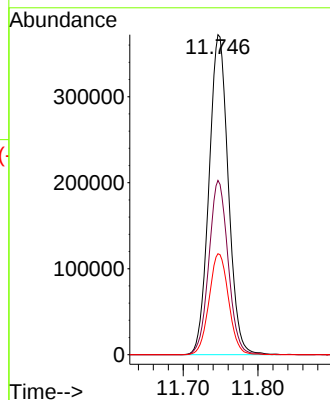
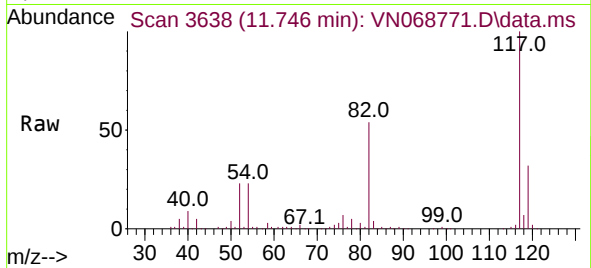




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

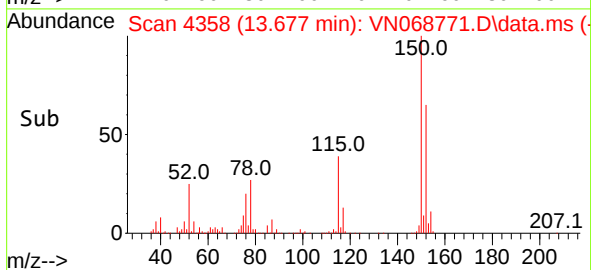
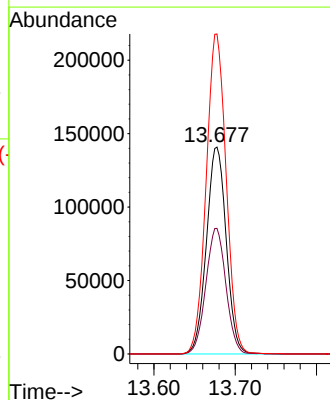
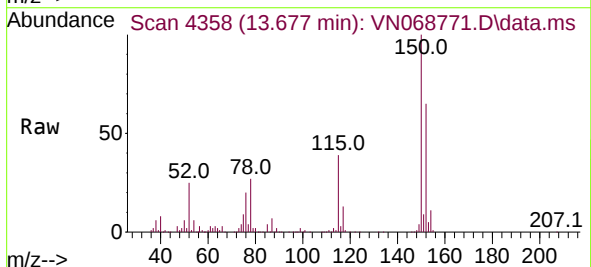
Instrument :
MSVOA_N
ClientSampleId :
RE104D3-20210921

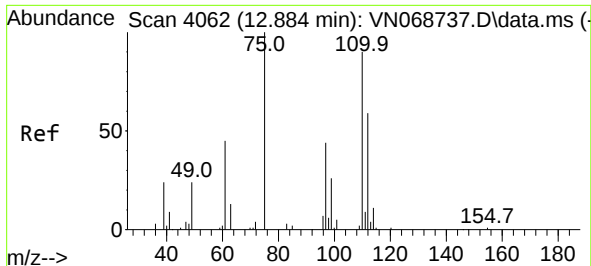
Tgt Ion:117 Resp: 666607
Ion Ratio Lower Upper
117 100
82 54.5 53.1 79.7
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

Tgt Ion:152 Resp: 238894
Ion Ratio Lower Upper
152 100
115 61.5 36.1 108.5
150 155.6 0.0 351.8

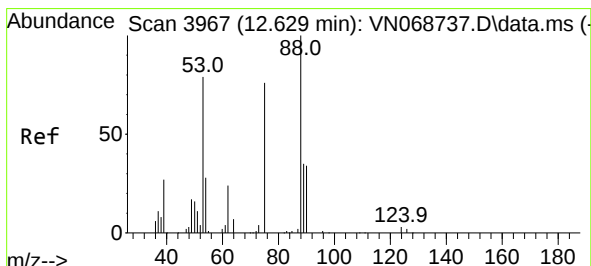
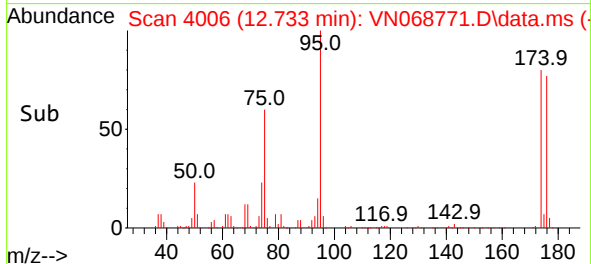
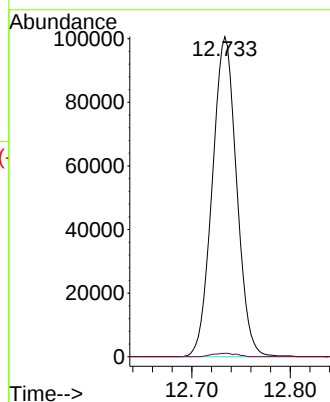
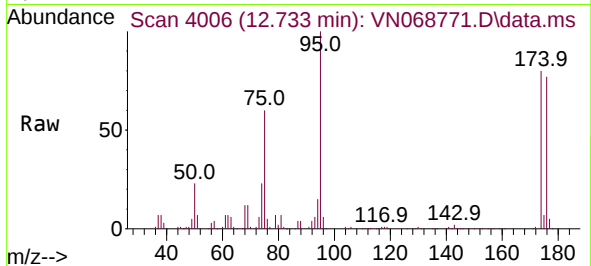




#76
1,2,3-Trichloropropane
Concen: 32.561 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

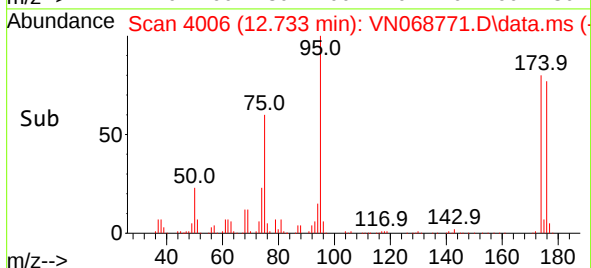
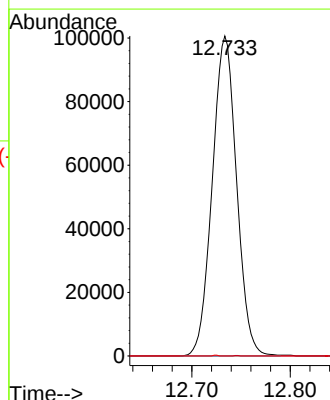
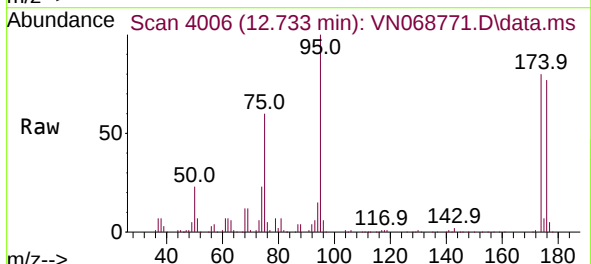
Instrument :
MSVOA_N
ClientSampleId :
RE104D3-20210921

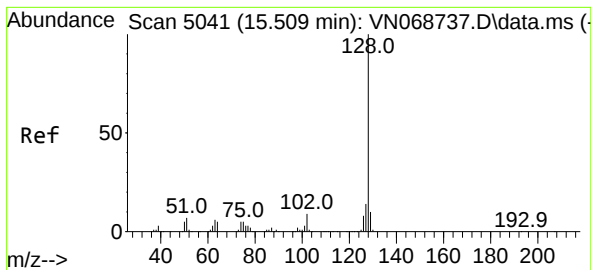
Tgt Ion: 75 Resp: 172989
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.655 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

Tgt Ion: 75 Resp: 172989
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 1.486 ug/l
RT: 15.515 min Scan# 5043
Delta R.T. 0.006 min
Lab File: VN068771.D
Acq: 30 Sep 2021 18:45

Instrument :
MSVOA_N
ClientSampleId :
RE104D3-20210921

Tgt Ion:128 Resp: 447
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

