

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068749.D
 Acq On : 29 Sep 2021 19:30
 Operator : JC/MD
 Sample : M3986-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

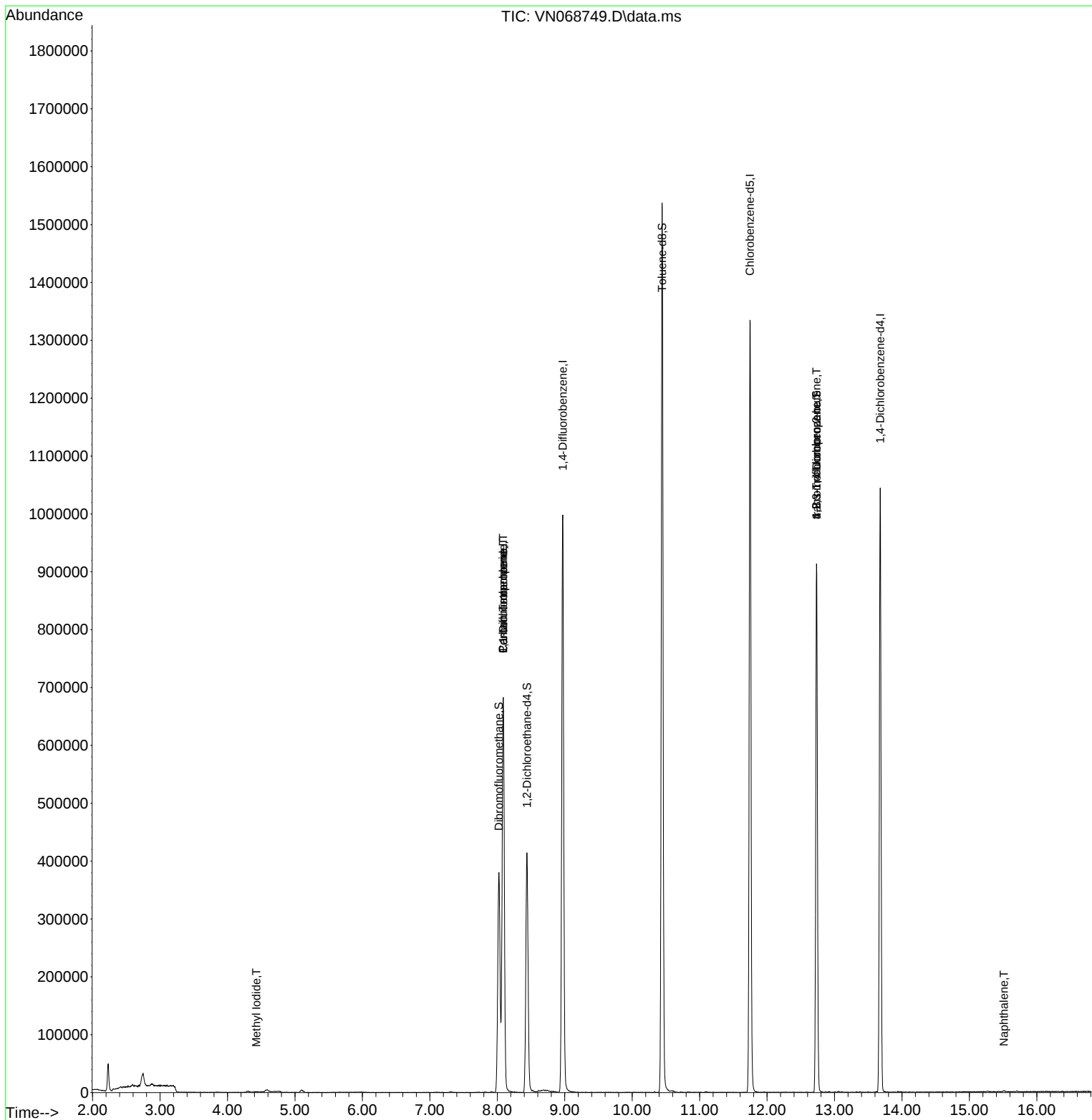
Quant Time: Sep 29 23:43:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

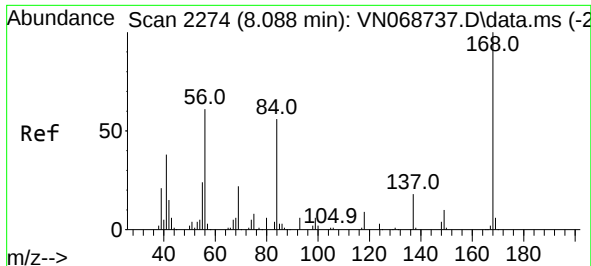
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	497648	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	869037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	765404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	261477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	342275	49.363	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.720%
35) Dibromofluoromethane	8.021	113	272790	50.521	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.040%
50) Toluene-d8	10.443	98	1068331	54.145	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.300%
62) 4-Bromofluorobenzene	12.733	95	290864	42.425	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	84.840%
Target Compounds						
						Qvalue
3) Chloromethane	2.306	50	1713	Below Cal		98
5) Bromomethane	2.842	94	222	Below Cal	#	79
6) Chloroethane	3.014	64	101	Below Cal	#	69
10) Methyl Iodide	4.425	142	247	1.399	ug/l #	33
13) Acrolein	4.049	56	135	Below Cal	#	14
16) Acetone	4.293	43	1625	Below Cal		99
17) Carbon Disulfide	4.543	76	161	Below Cal	#	74
31) Cyclohexane	8.086	56	13891	Below Cal	#	46
36) 1,1-Dichloropropene	8.088	75	44349	5.426	ug/l #	52
38) Carbon Tetrachloride	8.088	117	54911	5.656	ug/l #	17
76) 1,2,3-Trichloropropane	12.733	75	171069	29.419	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	171069	85.520	ug/l #	6
95) Naphthalene	15.512	128	2500	1.644	ug/l #	89

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

Quant Time: Sep 29 23:43:18 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

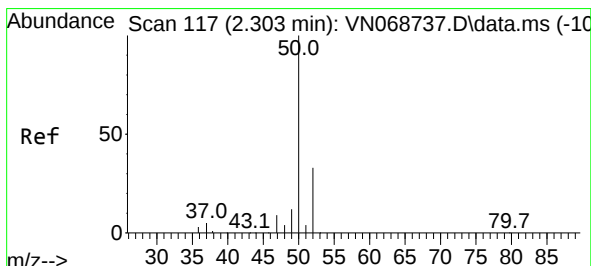
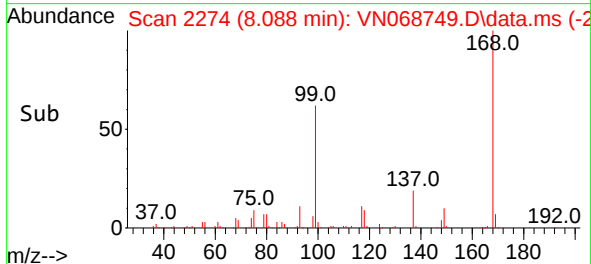
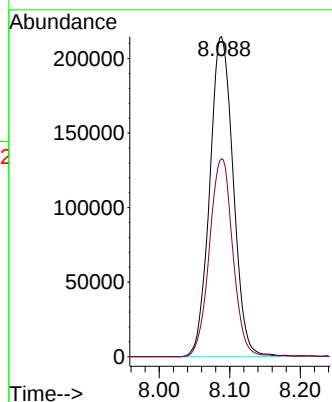
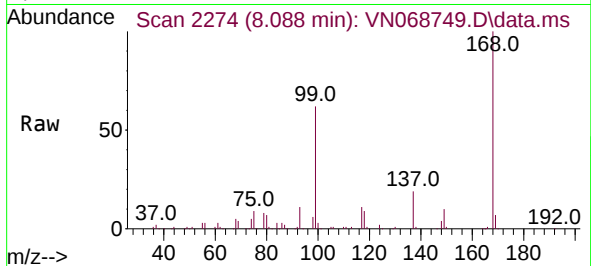




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

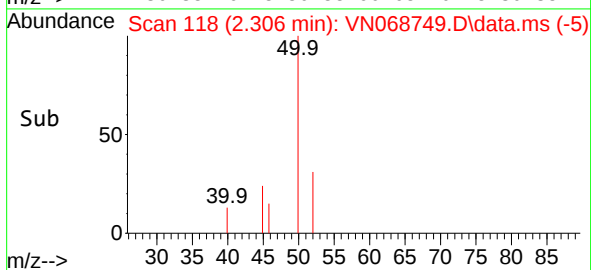
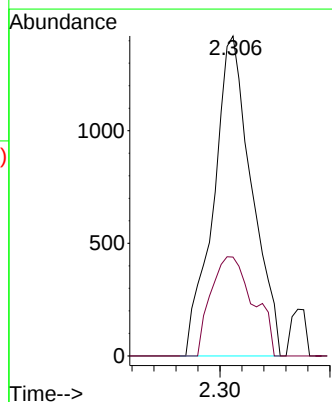
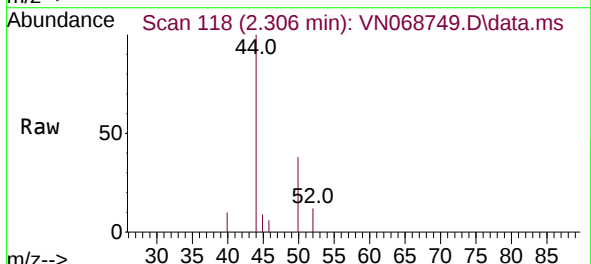
Instrument :
MSVOA_N
ClientSampled :

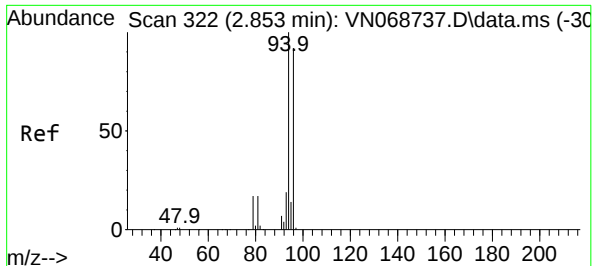
Tgt Ion:168 Resp: 497648
Ion Ratio Lower Upper
168 100
99 61.8 62.9 94.3#



#3
Chloromethane
Concen: Below Cal
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

Tgt Ion: 50 Resp: 1713
Ion Ratio Lower Upper
50 100
52 30.9 25.6 38.4

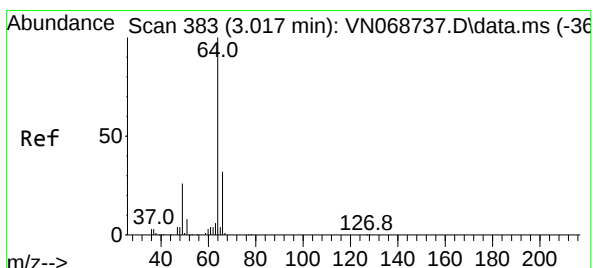
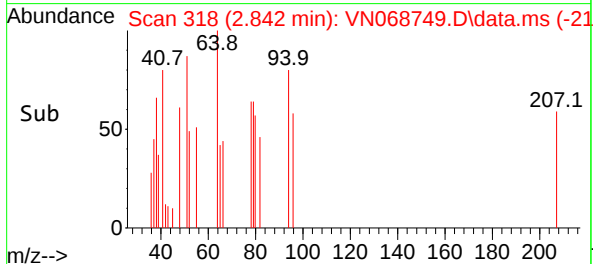
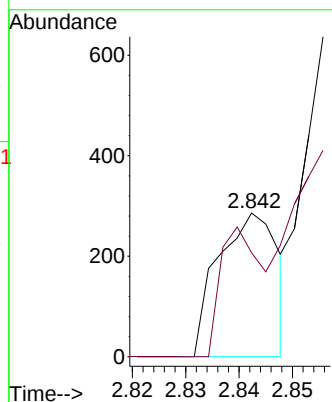
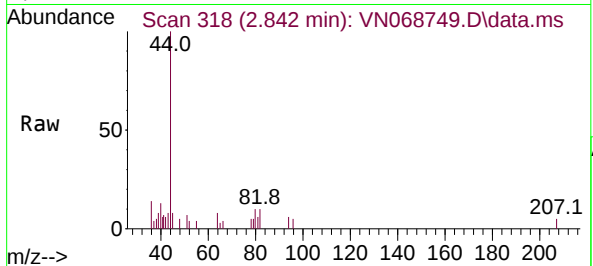




#5
Bromomethane
Concen: Below Cal
RT: 2.842 min Scan# 318
Delta R.T. -0.011 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

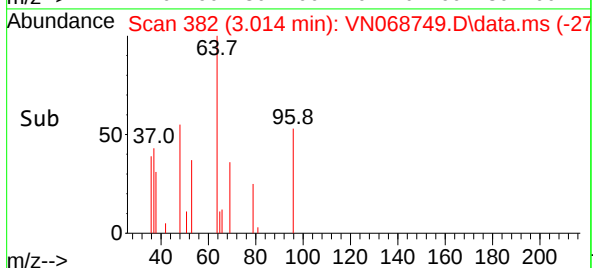
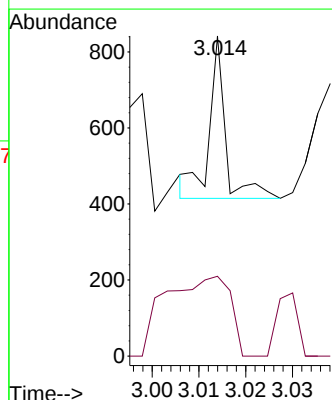
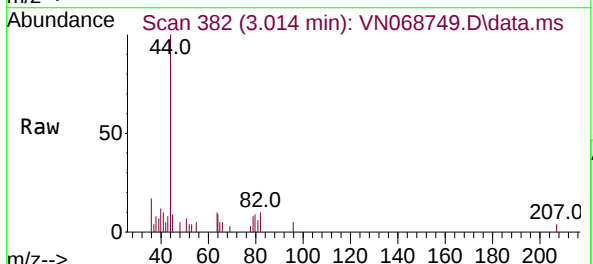
Instrument :
MSVOA_N
ClientSampled :

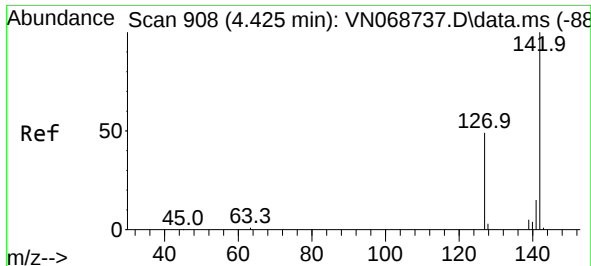
Tgt Ion: 94 Resp: 222
Ion Ratio Lower Upper
94 100
96 72.4 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.014 min Scan# 382
Delta R.T. -0.003 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

Tgt Ion: 64 Resp: 101
Ion Ratio Lower Upper
64 100
66 13.8 24.7 37.1#

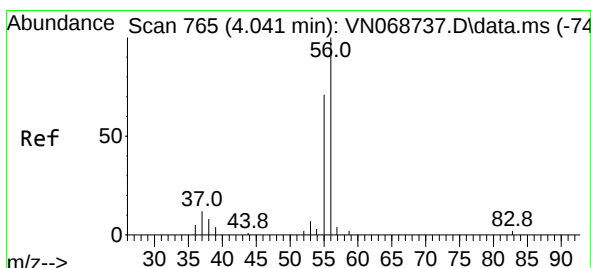
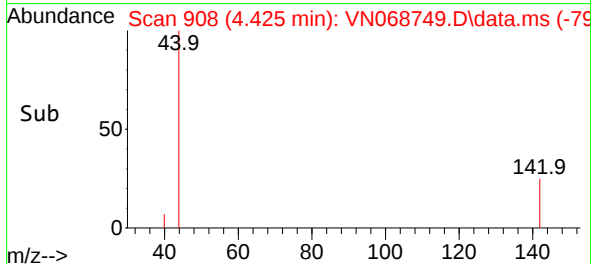
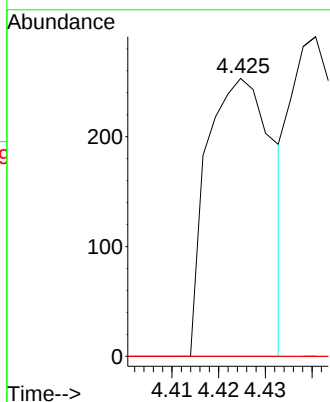
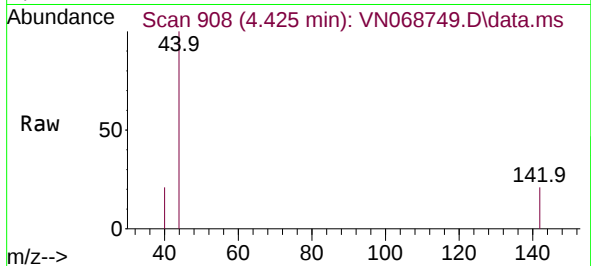




#10
Methyl Iodide
Concen: 1.399 ug/l
RT: 4.425 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

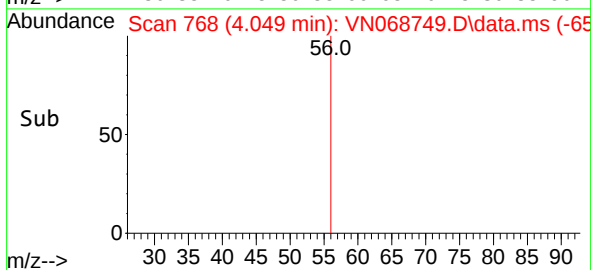
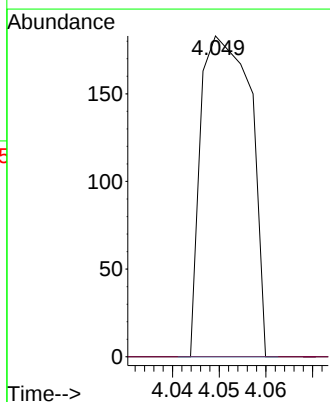
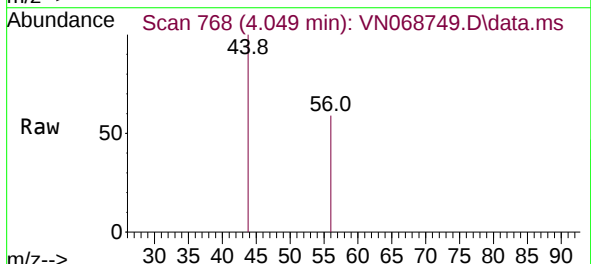
Instrument :
MSVOA_N
ClientSampled :

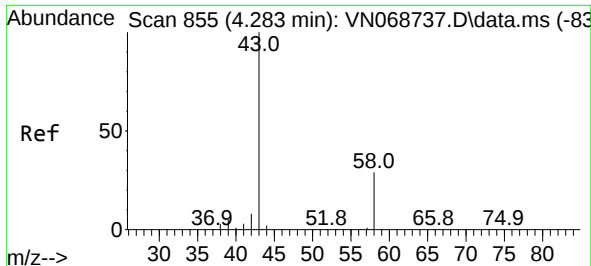
Tgt Ion:142 Resp: 247
Ion Ratio Lower Upper
142 100
127 0.0 43.1 64.7#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: Below Cal
RT: 4.049 min Scan# 768
Delta R.T. 0.008 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

Tgt Ion: 56 Resp: 135
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

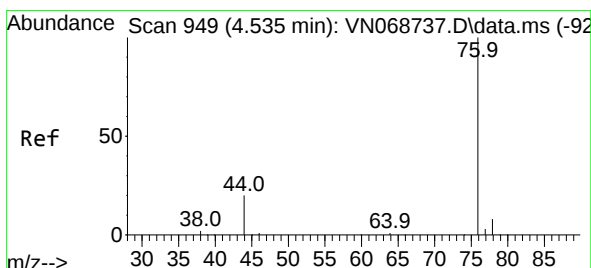
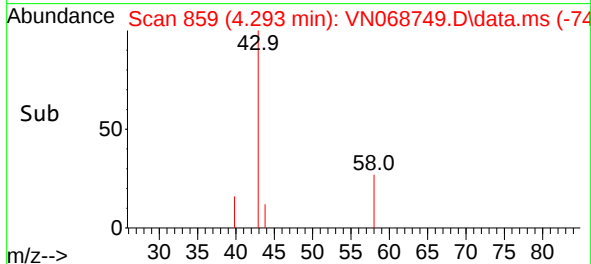
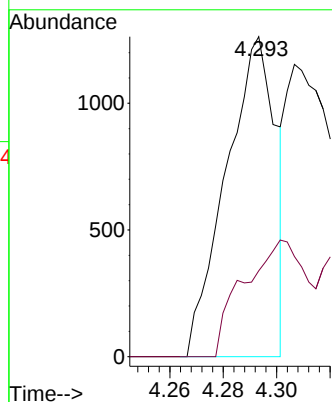
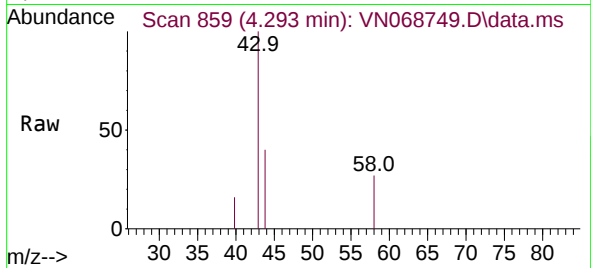




#16
Acetone
Concen: Below Cal
RT: 4.293 min Scan# 859
Delta R.T. 0.010 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

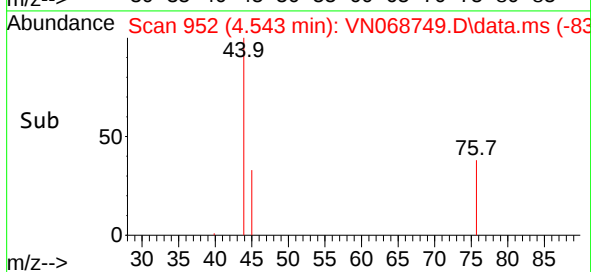
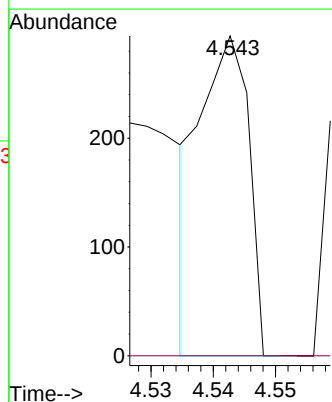
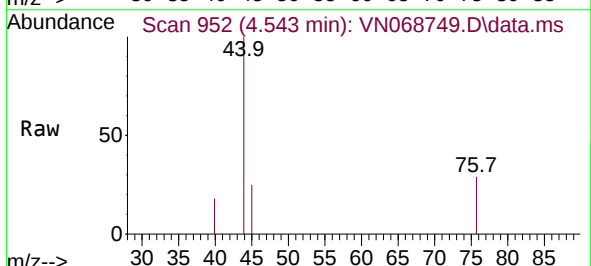
Instrument :
MSVOA_N
ClientSampled :

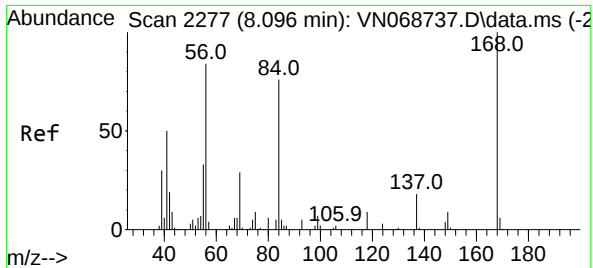
Tgt Ion: 43 Resp: 1625
Ion Ratio Lower Upper
43 100
58 26.8 21.2 31.8



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.543 min Scan# 952
Delta R.T. 0.008 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

Tgt Ion: 76 Resp: 161
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#

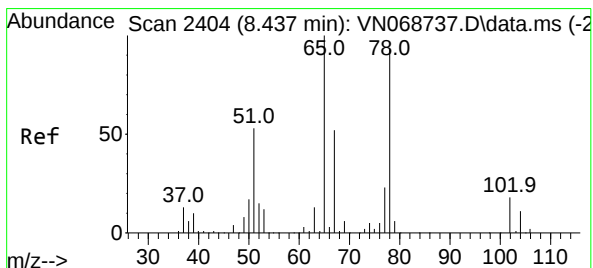
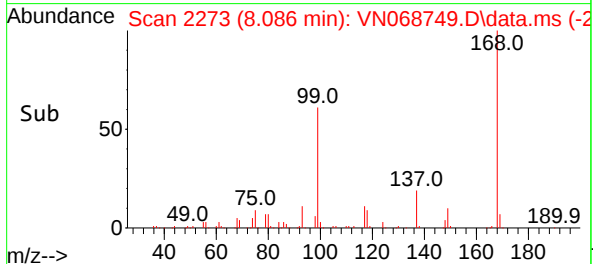
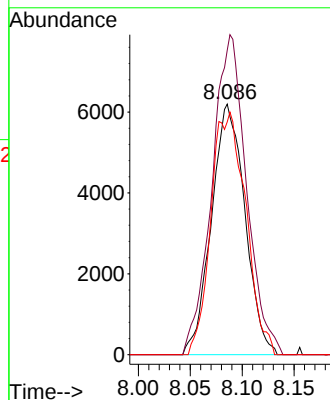
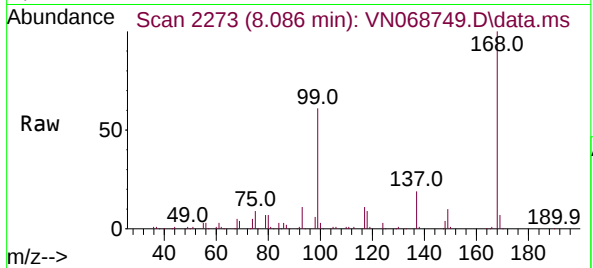




#31
Cyclohexane
Concen: Below Cal
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

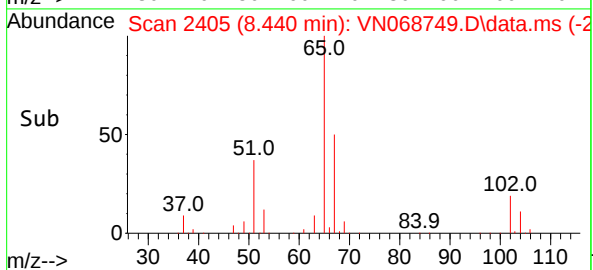
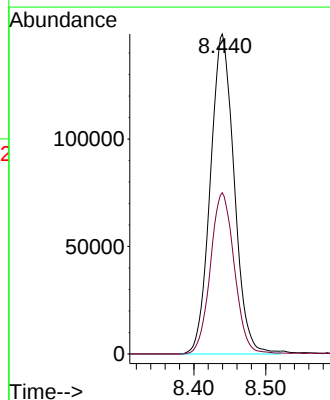
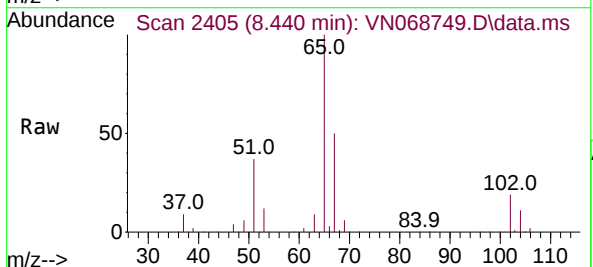
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MSVOA_N
ClientSampleId :

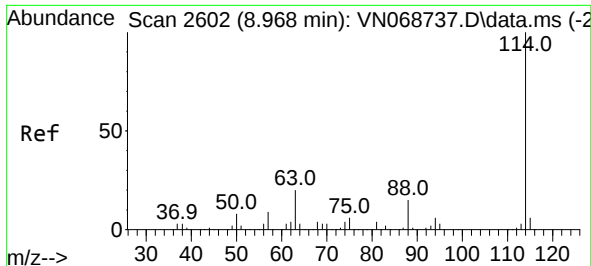
Tgt Ion:	56	Resp:	13891
Ion	Ratio	Lower	Upper
56	100		
69	121.5	27.3	40.9#
84	92.9	64.9	97.3



#33
1,2-Dichloroethane-d4
Concen: 49.363 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

Tgt Ion:	65	Resp:	342275
Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	98.6

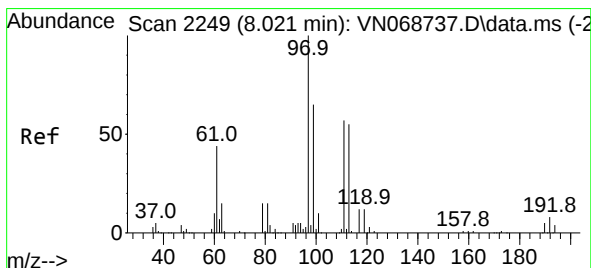
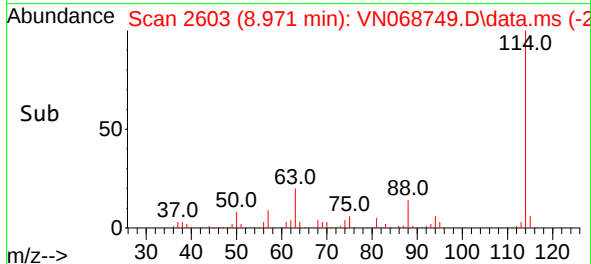
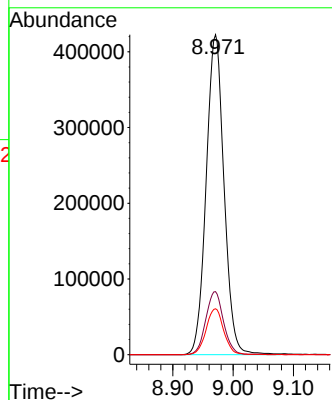
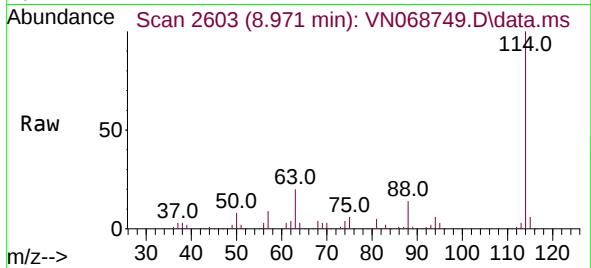




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

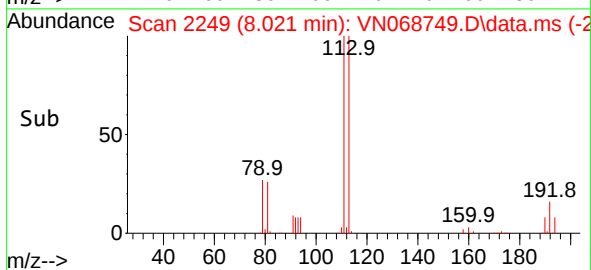
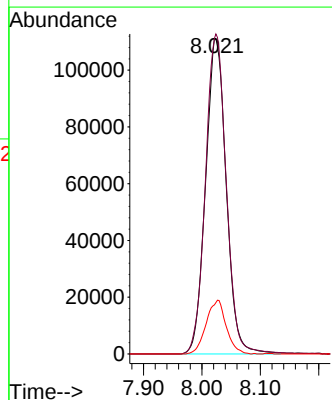
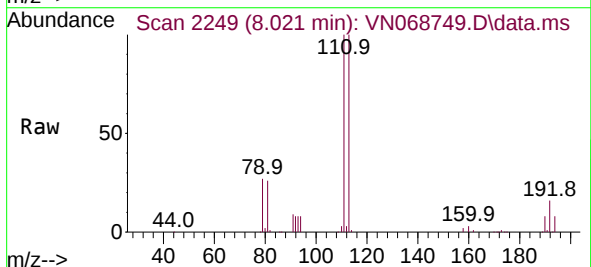
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MSVOA_N
ClientSampleId :

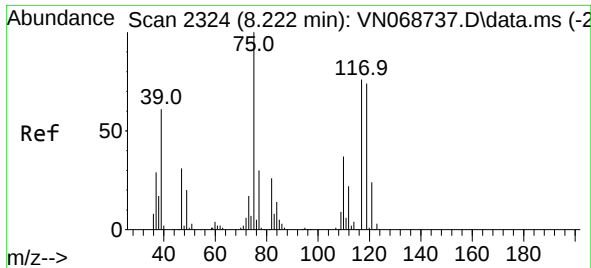
Tgt Ion:114 Resp: 869037
Ion Ratio Lower Upper
114 100
63 19.7 0.0 49.0
88 14.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.521 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

Tgt Ion:113 Resp: 272790
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.8
192 16.6 13.4 20.0

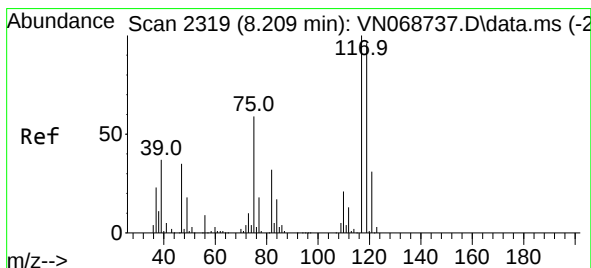
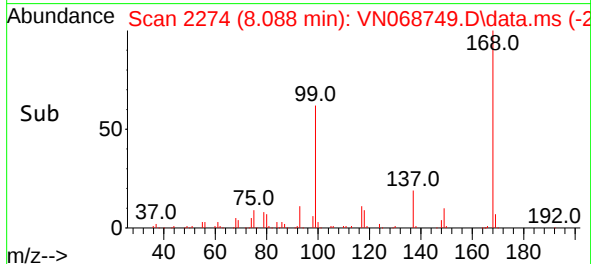
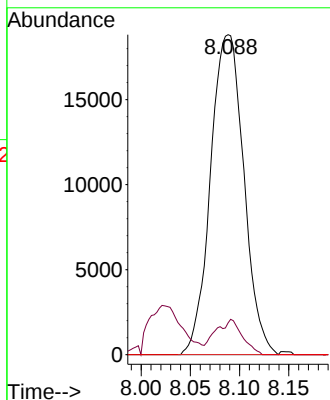
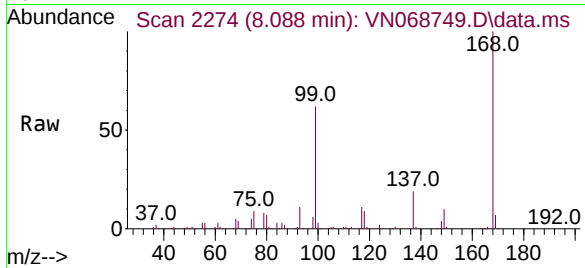




#36
1,1-Dichloropropene
Concen: 5.426 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

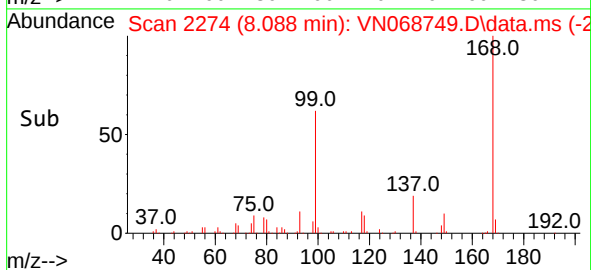
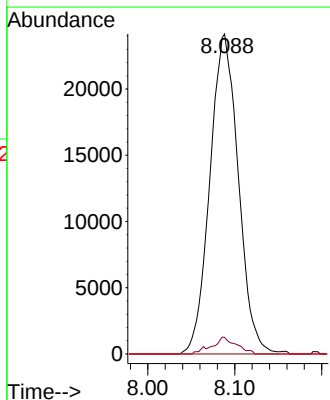
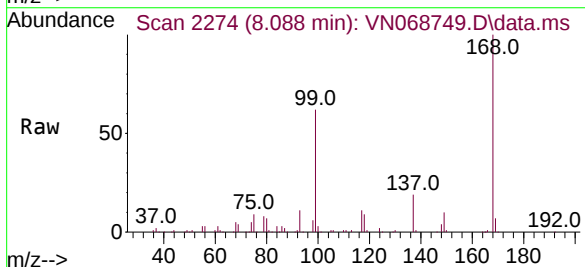
Instrument :
MSVOA_N
ClientSampled :

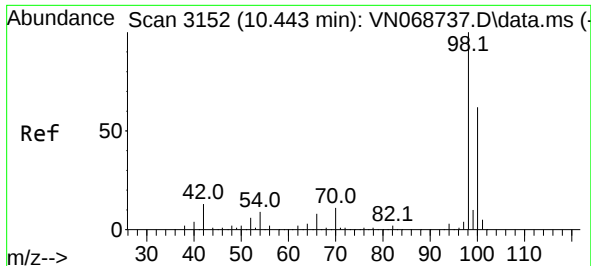
Tgt Ion: 75 Resp: 44349
Ion Ratio Lower Upper
75 100
110 8.9 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.656 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

Tgt Ion: 117 Resp: 54911
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.2#
121 0.0 23.5 35.3#

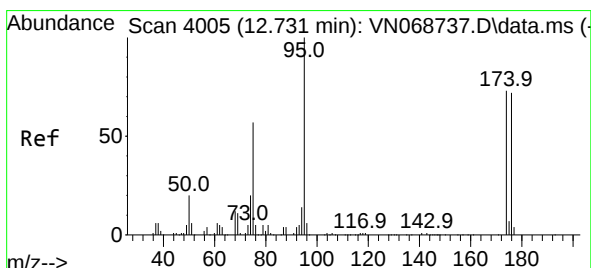
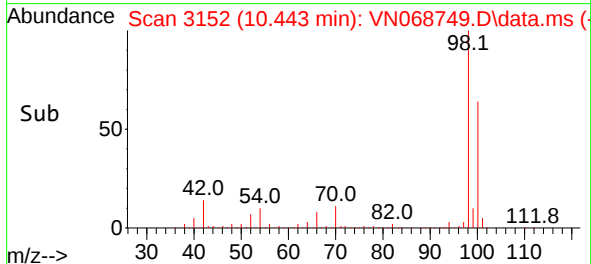
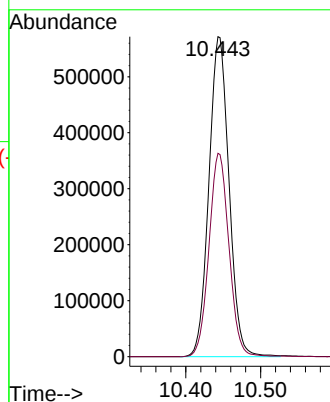
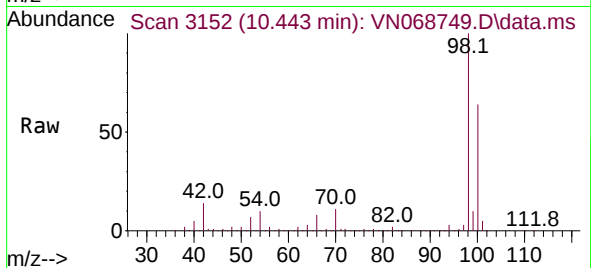




#50
Toluene-d8
Concen: 54.145 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

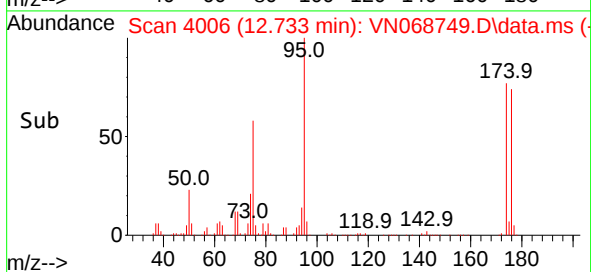
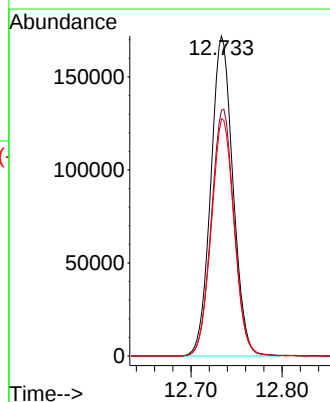
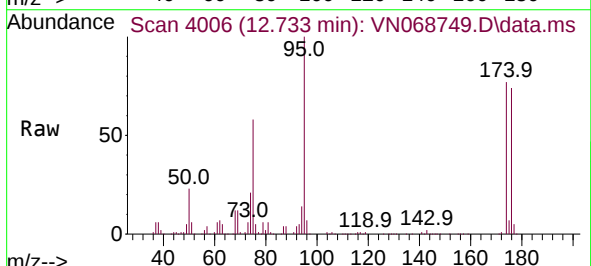
Instrument :
MSVOA_N
ClientSampled :

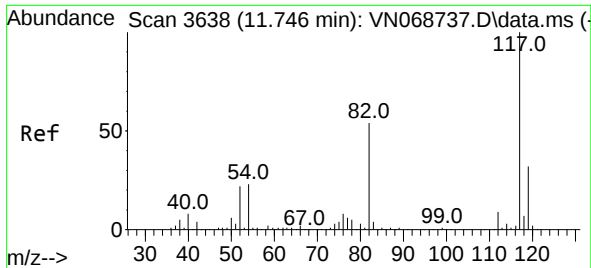
Tgt Ion: 98 Resp: 1068331
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 42.425 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

Tgt Ion: 95 Resp: 290864
Ion Ratio Lower Upper
95 100
174 79.5 0.0 122.0
176 76.2 0.0 117.6

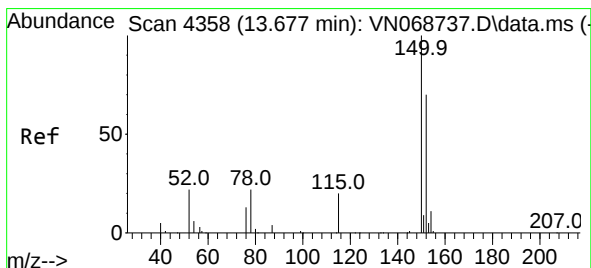
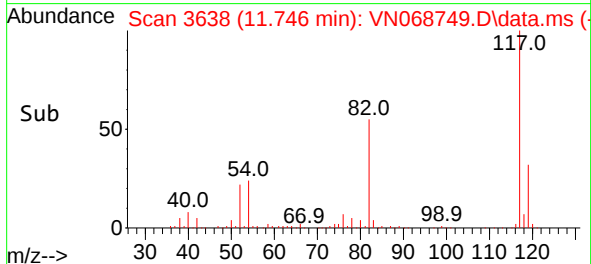
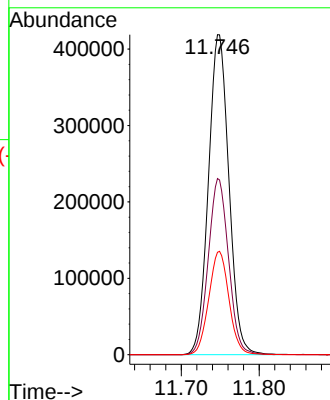
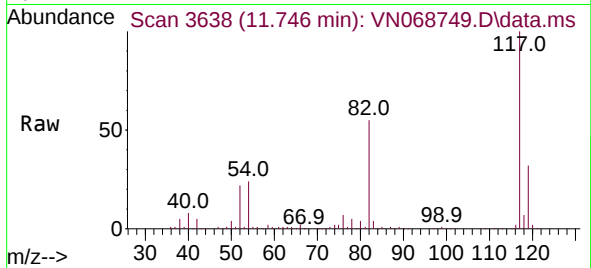




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

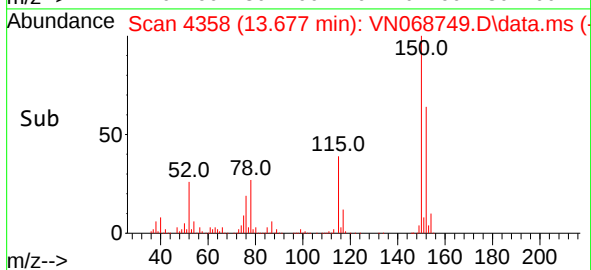
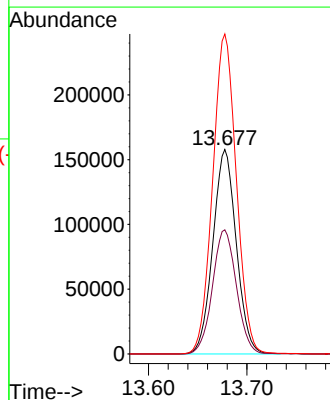
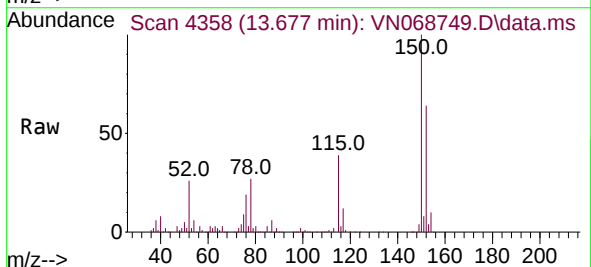
Instrument :
MSVOA_N
ClientSampleId :

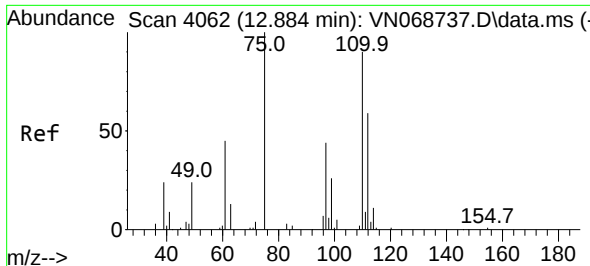
Tgt Ion:117 Resp: 765404
Ion Ratio Lower Upper
117 100
82 55.0 53.1 79.7
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

Tgt Ion:152 Resp: 261477
Ion Ratio Lower Upper
152 100
115 62.2 36.1 108.5
150 158.5 0.0 351.8

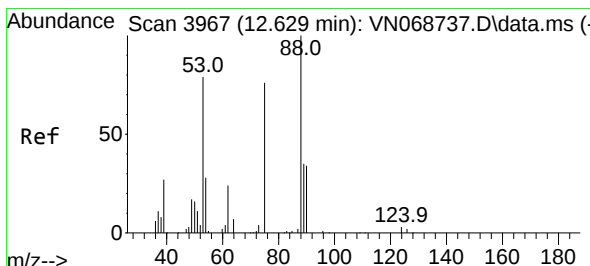
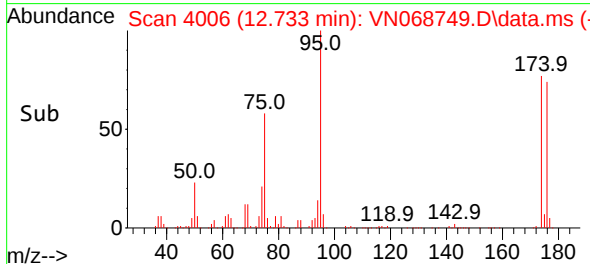
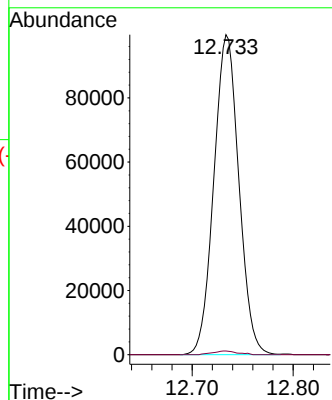
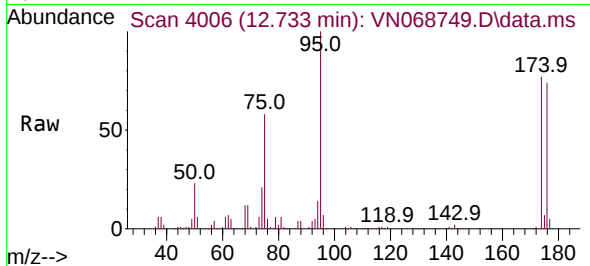




#76
1,2,3-Trichloropropane
Concen: 29.419 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

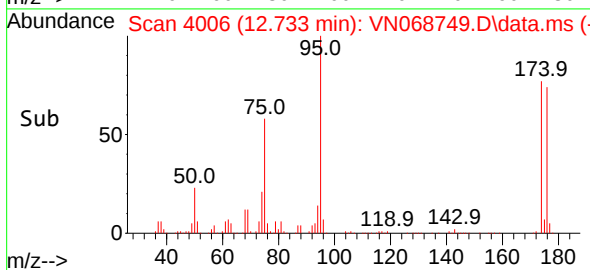
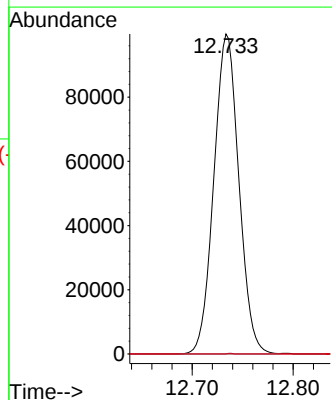
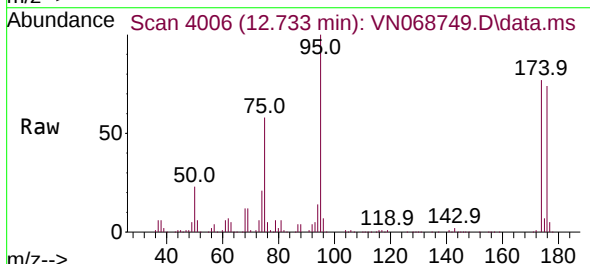
Instrument :
MSVOA_N
ClientSampled :

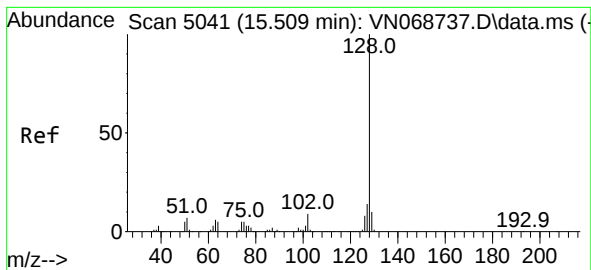
Tgt Ion: 75 Resp: 171069
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.520 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

Tgt Ion: 75 Resp: 171069
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 1.644 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.003 min
Lab File: VN068749.D
Acq: 29 Sep 2021 19:30

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 2500
Ion Ratio Lower Upper
128 100
127 7.8 10.6 15.8#
129 8.1 8.6 12.8#

