

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
 Data File : VN068784.D
 Acq On : 1 Oct 2021 15:37
 Operator : JC/MD
 Sample : M3915-04DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

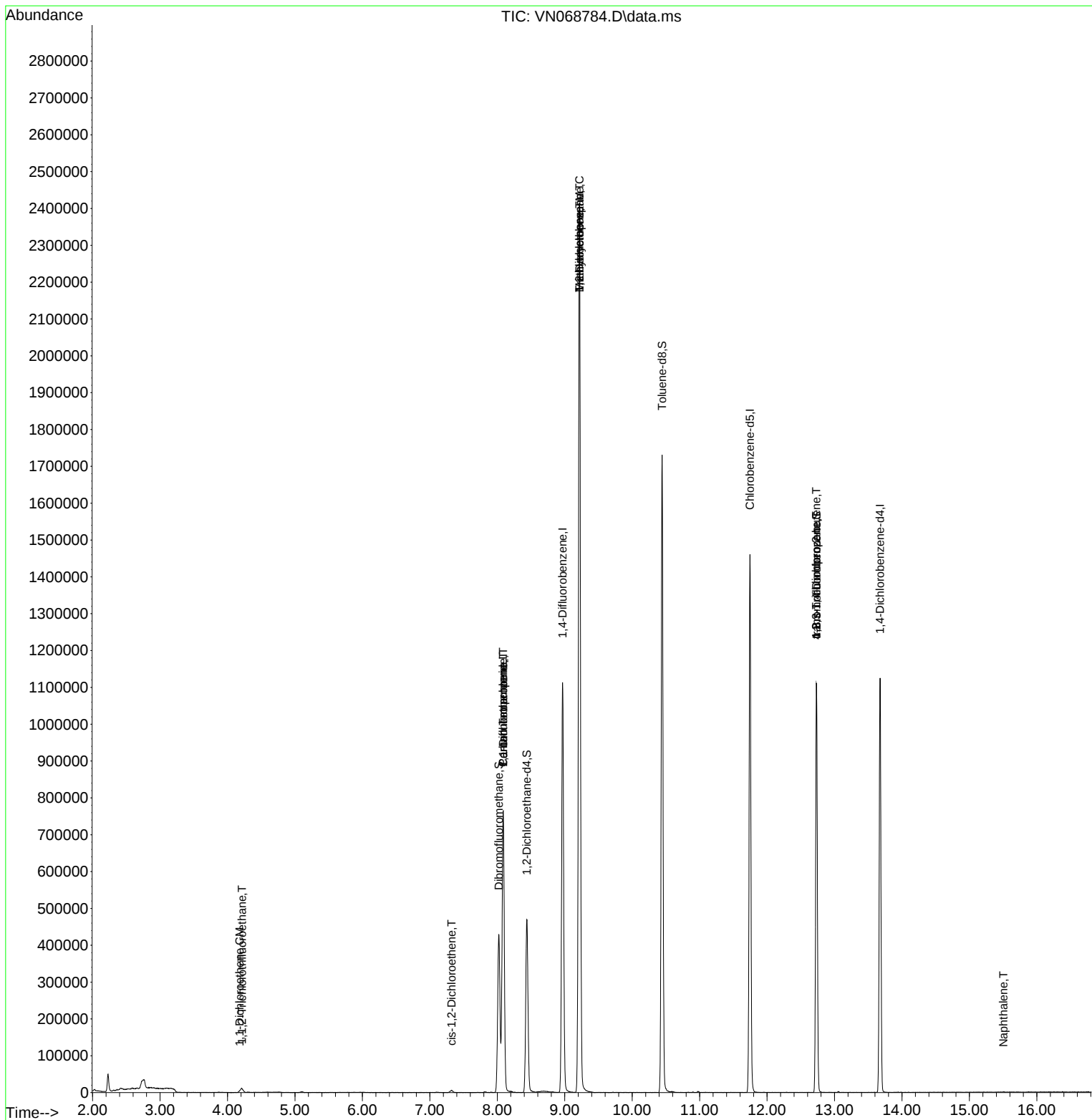
Quant Time: Oct 02 04:00:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

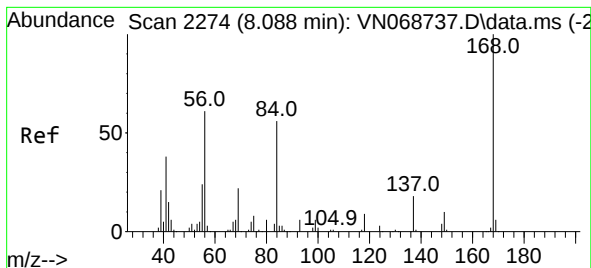
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	560153	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	967748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	816598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	288581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	390296	50.008	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 100.020%		
35) Dibromofluoromethane	8.021	113	300745	50.017	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 100.040%		
50) Toluene-d8	10.443	98	1187733	54.057	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 108.120%		
62) 4-Bromofluorobenzene	12.734	95	356679	46.718	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 93.440%		
Target Compounds						
						Qvalue
3) Chloromethane	2.309	50	889	Below Cal		90
5) Bromomethane	2.859	94	1372	Below Cal	#	72
6) Chloroethane	2.993	64	240	Below Cal	#	88
9) 1,1,2-Trichlorotrifluo...	4.213	101	6472	1.054	ug/l #	40
12) 1,1-Dichloroethene	4.178	96	2048	0.389	ug/l #	80
13) Acrolein	4.039	56	25	Below Cal	#	14
16) Acetone	4.277	43	177	Below Cal	#	48
17) Carbon Disulfide	4.521	76	245	Below Cal	#	74
27) cis-1,2-Dichloroethene	7.321	96	2277	0.299	ug/l	49
31) Cyclohexane	8.083	56	14926	Below Cal	#	34
36) 1,1-Dichloropropene	8.086	75	48766	5.358	ug/l #	53
38) Carbon Tetrachloride	8.086	117	61794	5.715	ug/l #	17
39) Methylcyclohexane	9.217	83	11187	1.060	ug/l #	1
44) Trichloroethene	9.217	130	823985	111.386	ug/l	86
45) 1,2-Dichloropropane	9.217	63	2817	0.394	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	210173	32.749	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.731	75	210173	95.201	ug/l #	6
95) Naphthalene	15.504	128	921	1.513	ug/l #	69

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

Quant Time: Oct 02 04:00:12 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.000 min

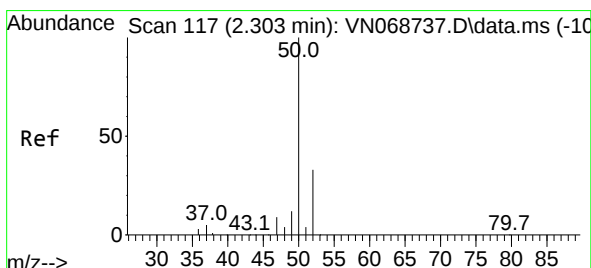
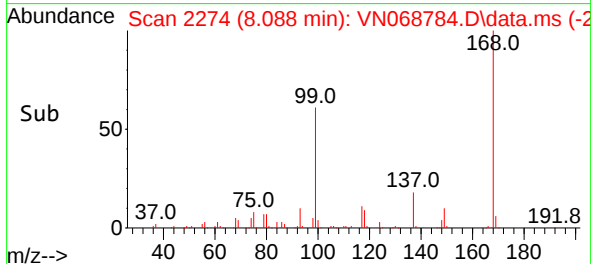
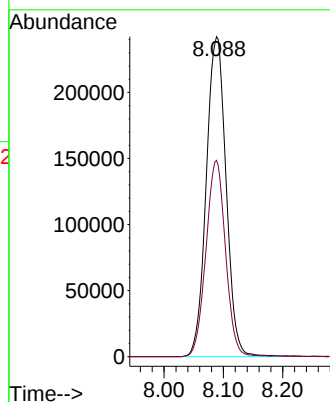
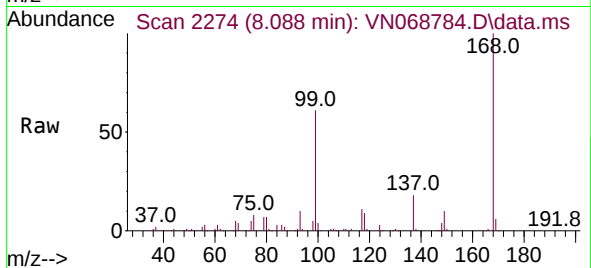
Lab File: VN068784.D

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Tgt Ion:168 Resp: 560153

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
168	100		
99	61.4	62.9	94.3#



#3

Chloromethane

Concen: Below Cal

RT: 2.309 min Scan# 119

Delta R.T. 0.006 min

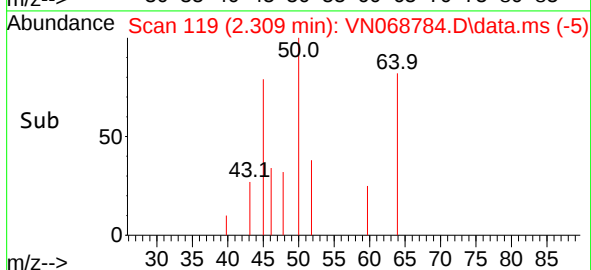
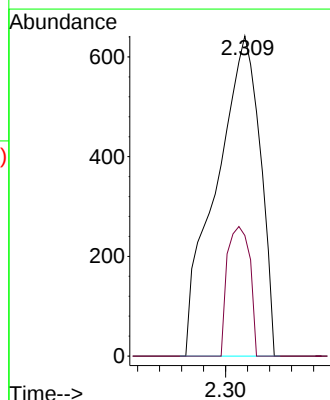
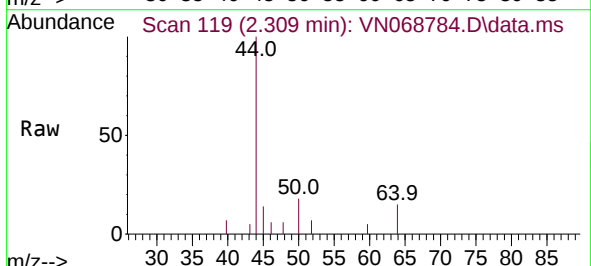
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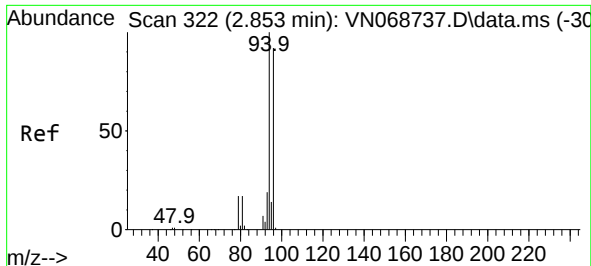
Acq: 1 Oct 2021 15:37

Tgt Ion: 50 Resp: 889

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
50	100		
52	37.7	25.6	38.4

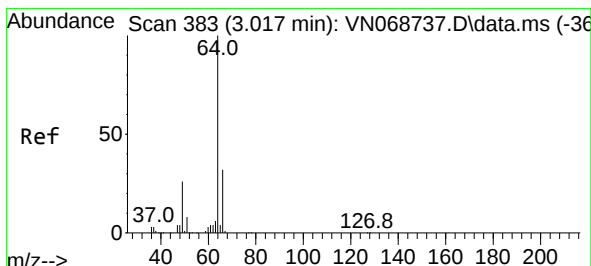
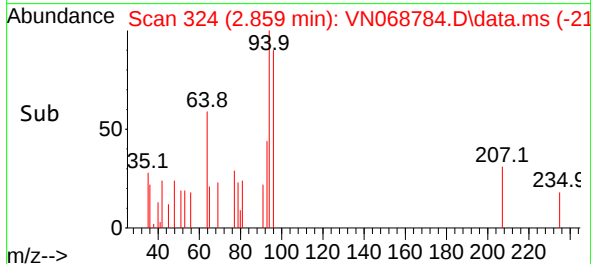
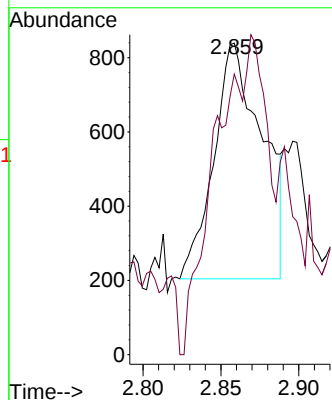
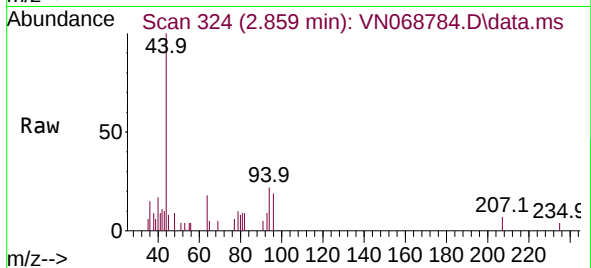




#5
Bromomethane
Concen: Below Cal
RT: 2.859 min Scan# 324
Delta R.T. 0.006 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

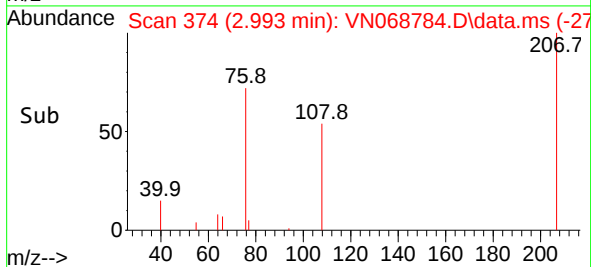
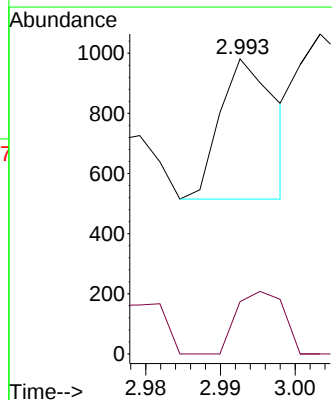
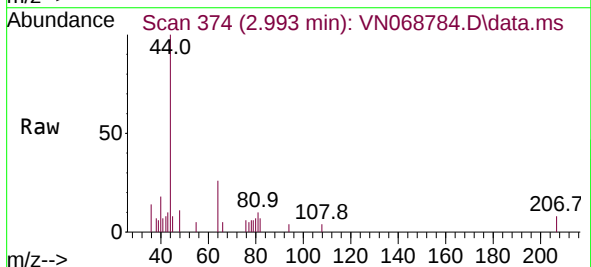
Instrument :
MSVOA_N
ClientSampled :

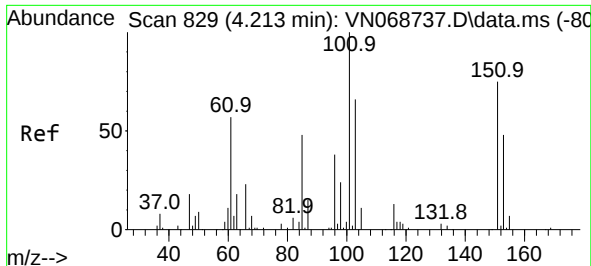
Tgt Ion: 94 Resp: 1372
Ion Ratio Lower Upper
94 100
96 119.1 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 2.993 min Scan# 374
Delta R.T. -0.024 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

Tgt Ion: 64 Resp: 240
Ion Ratio Lower Upper
64 100
66 37.3 24.7 37.1#

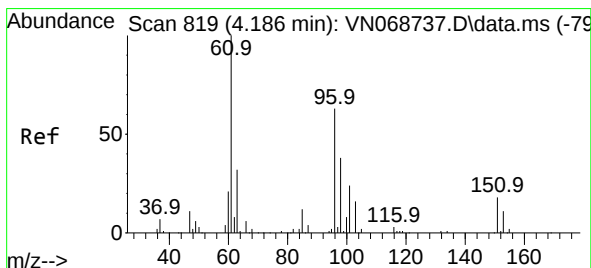
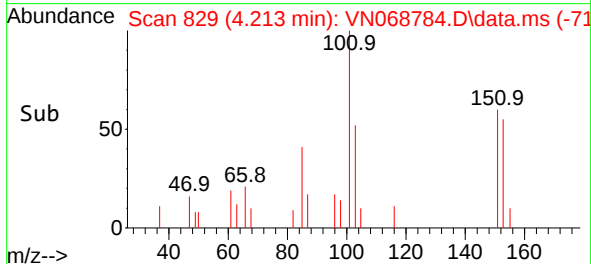
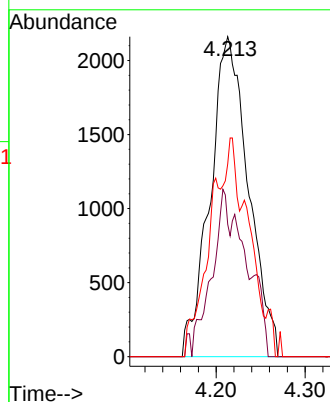
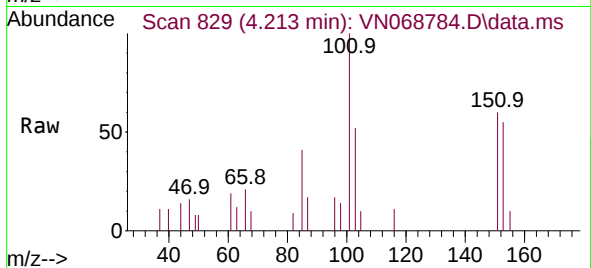




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.054 ug/l
RT: 4.213 min Scan# 829
Delta R.T. -0.000 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

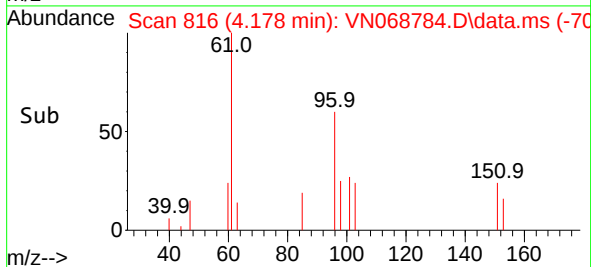
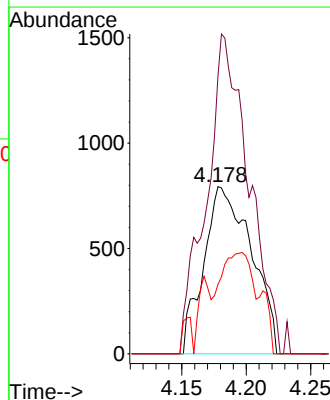
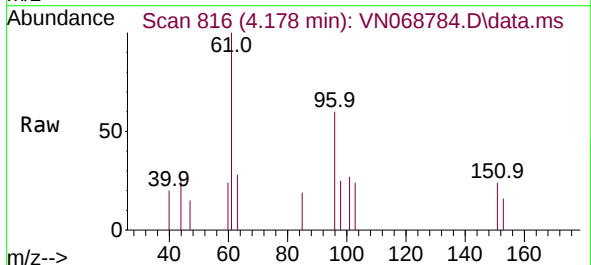
Instrument :
MSVOA_N
ClientSampled :

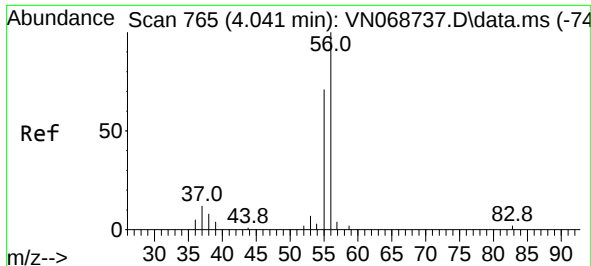
Tgt Ion:101 Resp: 6472
Ion Ratio Lower Upper
101 100
85 23.8 39.6 59.4#
151 6.1 54.1 81.1#



#12
1,1-Dichloroethene
Concen: 0.389 ug/l
RT: 4.178 min Scan# 816
Delta R.T. -0.008 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

Tgt Ion: 96 Resp: 2048
Ion Ratio Lower Upper
96 100
61 166.0 152.6 229.0
98 41.4 50.9 76.3#

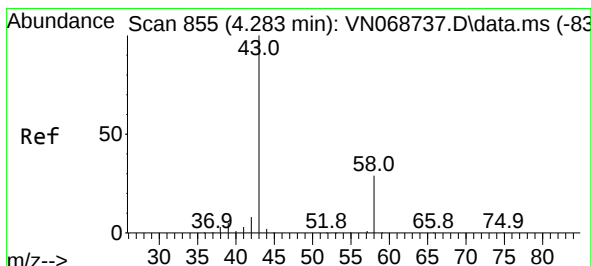
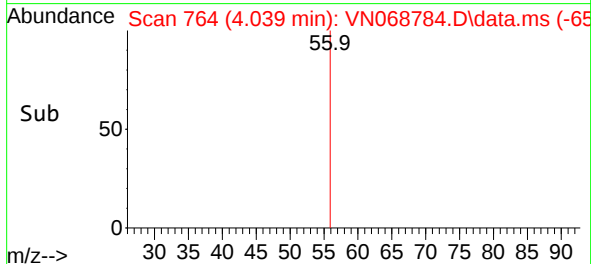
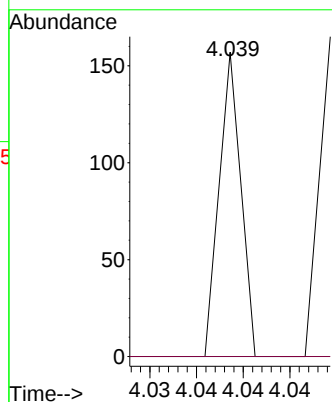
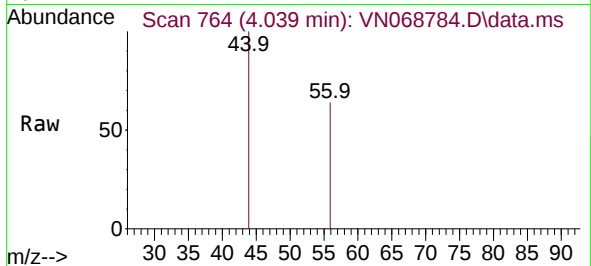




#13
Acrolein
Concen: Below Cal
RT: 4.039 min Scan# 764
Delta R.T. -0.002 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

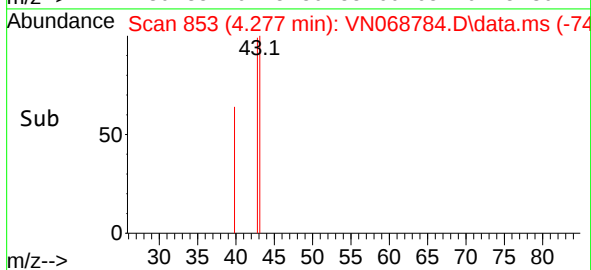
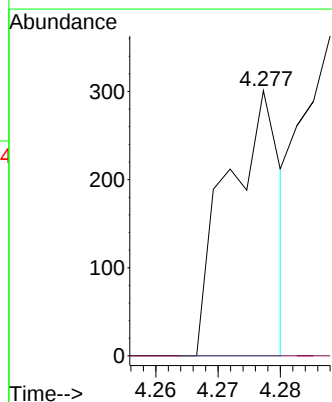
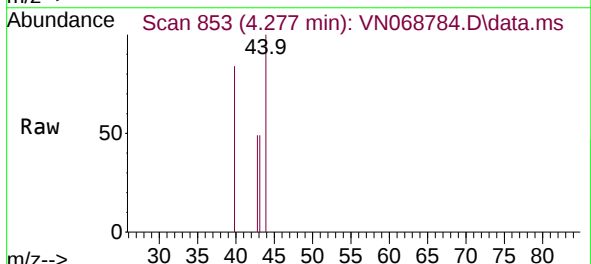
Instrument :
MSVOA_N
ClientSampled :

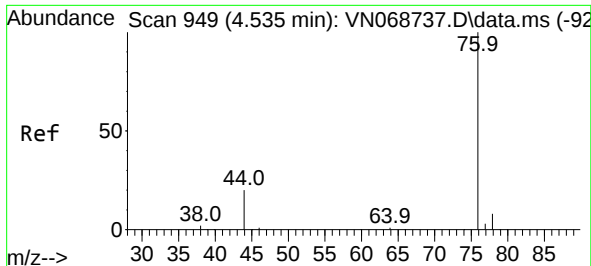
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#16
Acetone
Concen: Below Cal
RT: 4.277 min Scan# 853
Delta R.T. -0.006 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

Tgt Ion: 43 Resp: 177
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#

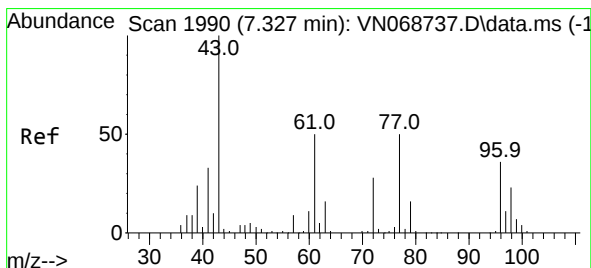
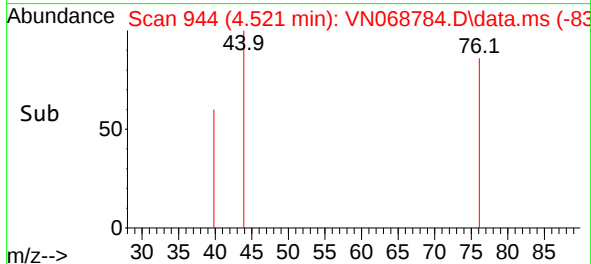
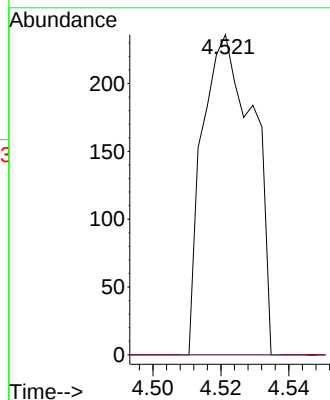
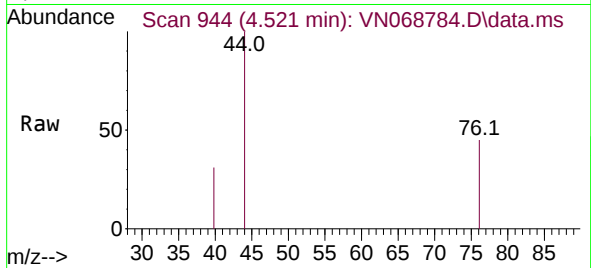




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.521 min Scan# 944
Delta R.T. -0.014 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

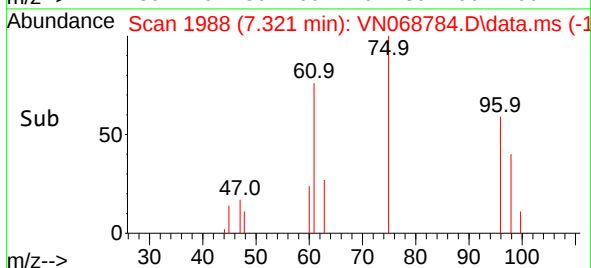
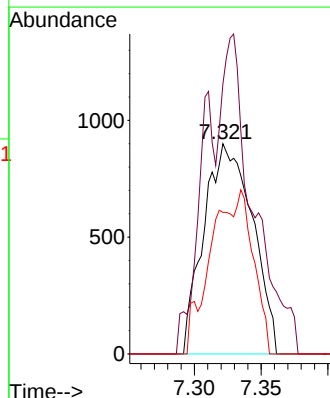
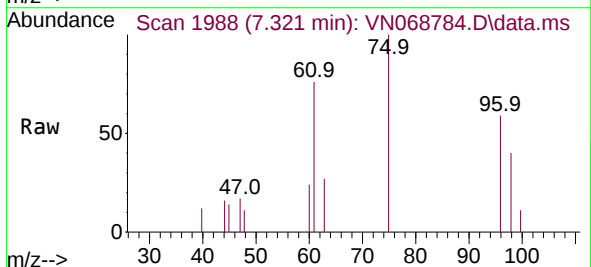
Instrument :
MSVOA_N
ClientSampled :

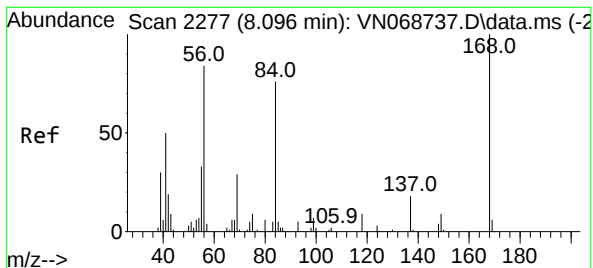
Tgt Ion: 76 Resp: 245
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#27
cis-1,2-Dichloroethene
Concen: 0.299 ug/l
RT: 7.321 min Scan# 1988
Delta R.T. -0.006 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

Tgt Ion: 96 Resp: 2277
Ion Ratio Lower Upper
96 100
61 101.4 0.0 338.8
98 22.8 0.0 129.8

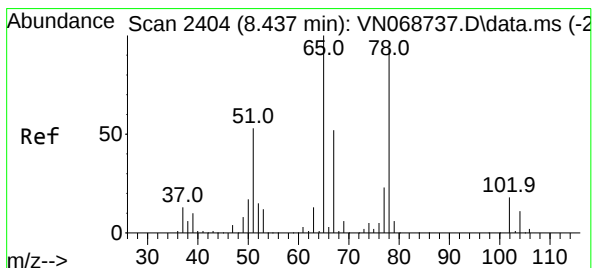
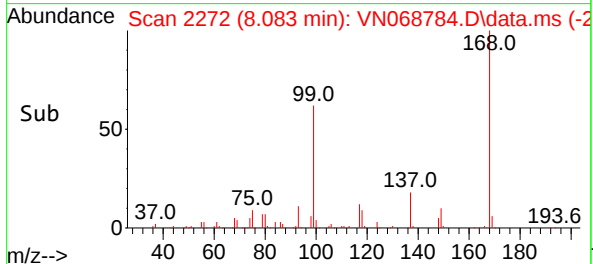
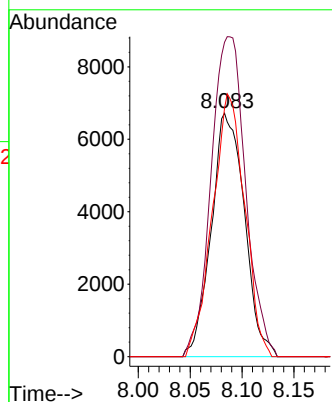
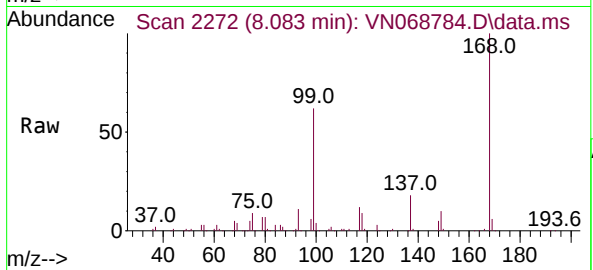




#31
Cyclohexane
Concen: Below Cal
RT: 8.083 min Scan# 2272
Delta R.T. -0.013 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

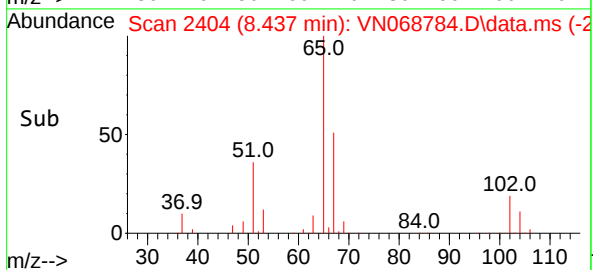
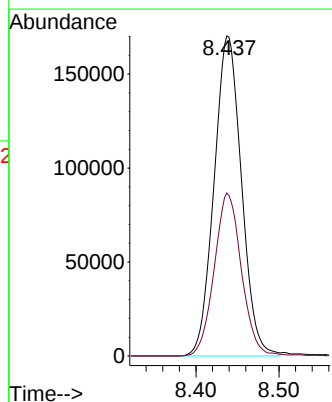
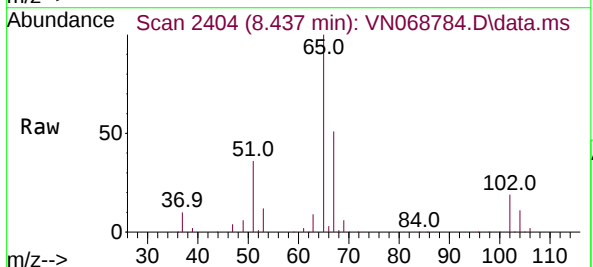
Instrument :
MSVOA_N
ClientSampled :

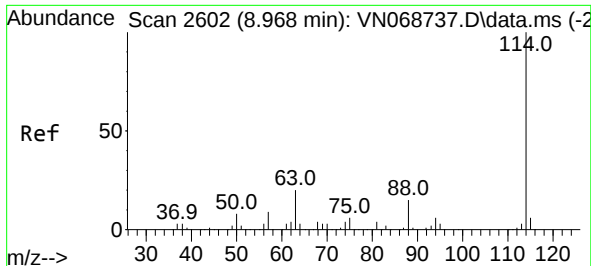
Tgt Ion: 56 Resp: 14926
Ion Ratio Lower Upper
56 100
69 129.1 27.3 40.9#
84 101.9 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 50.008 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

Tgt Ion: 65 Resp: 390296
Ion Ratio Lower Upper
65 100
67 50.4 0.0 98.6

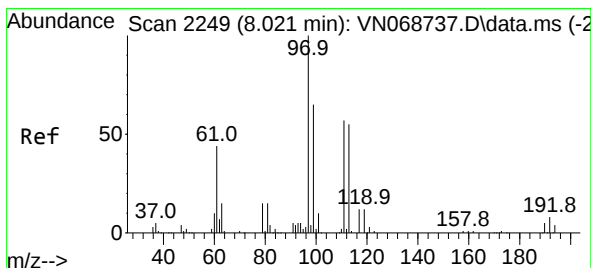
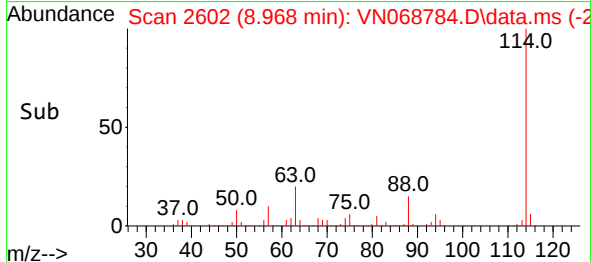
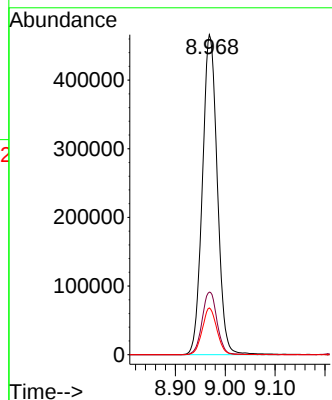
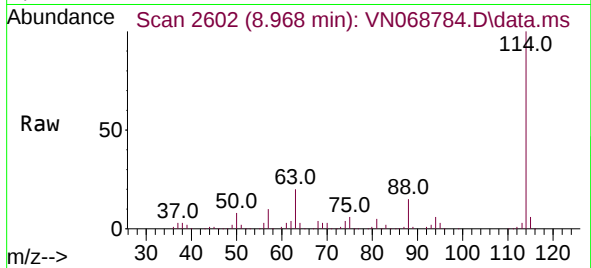




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

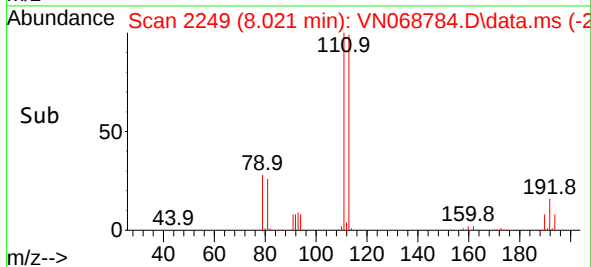
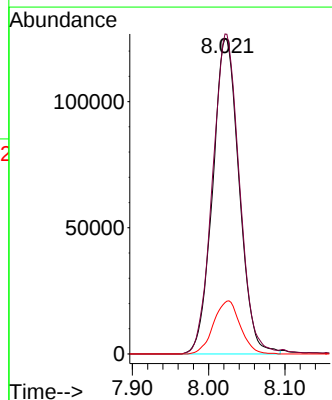
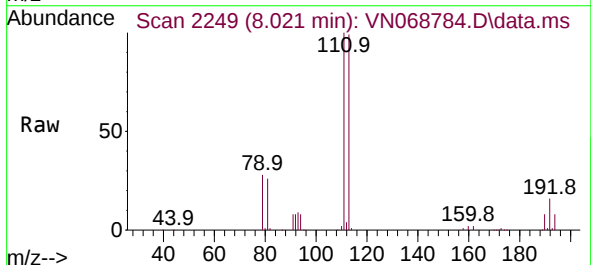
Instrument :
MSVOA_N
ClientSampled :

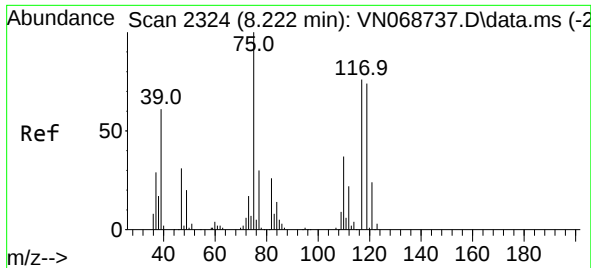
Tgt Ion:114 Resp: 967748
Ion Ratio Lower Upper
114 100
63 19.5 0.0 49.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.017 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

Tgt Ion:113 Resp: 300745
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.8
192 17.1 13.4 20.0

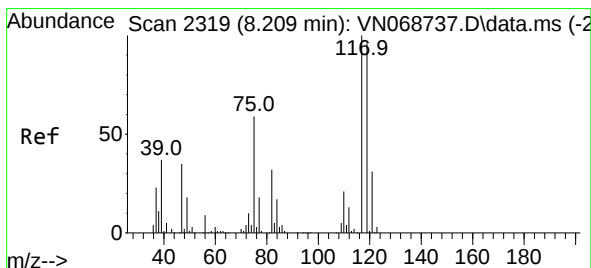
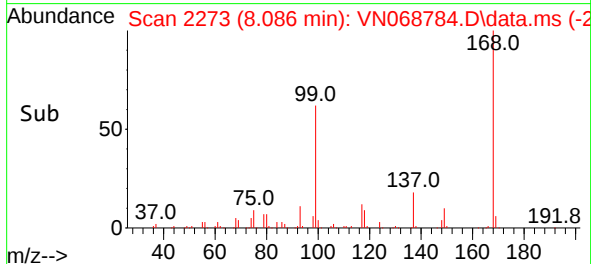
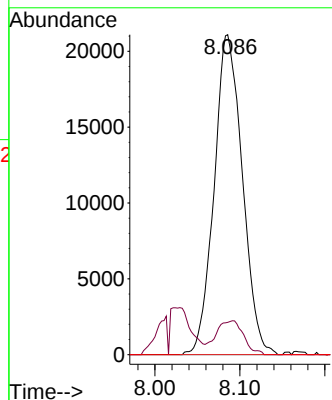
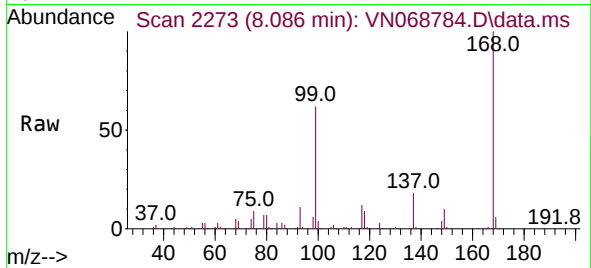




#36
1,1-Dichloropropene
Concen: 5.358 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

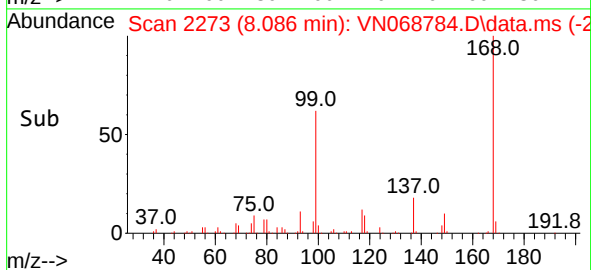
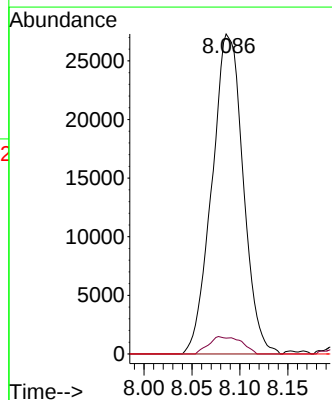
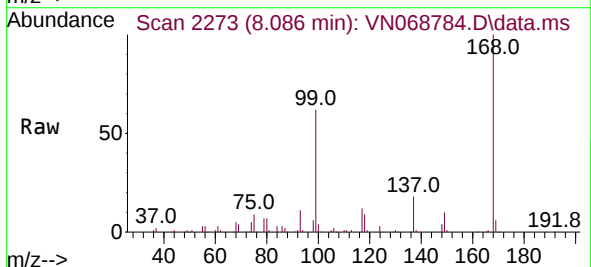
Instrument :
MSVOA_N
ClientSampled :

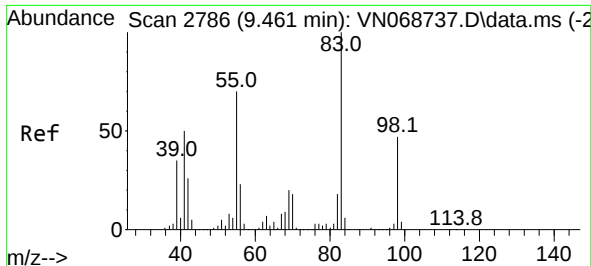
Tgt Ion: 75 Resp: 48766
Ion Ratio Lower Upper
75 100
110 10.2 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.715 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

Tgt Ion: 117 Resp: 61794
Ion Ratio Lower Upper
117 100
119 5.0 75.4 113.2#
121 0.0 23.5 35.3#





#39

Methylcyclohexane

Concen: 1.060 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. -0.244 min

Lab File: VN068784.D

Acq: 1 Oct 2021 15:37

Tgt Ion: 83 Resp: 11187

Ion Ratio Lower Upper

83 100

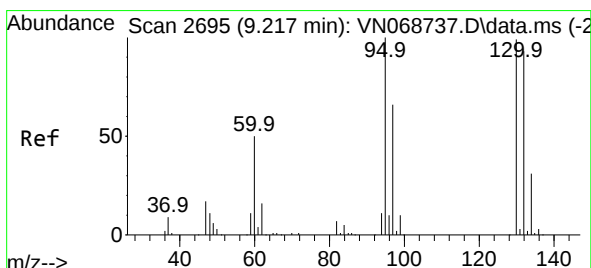
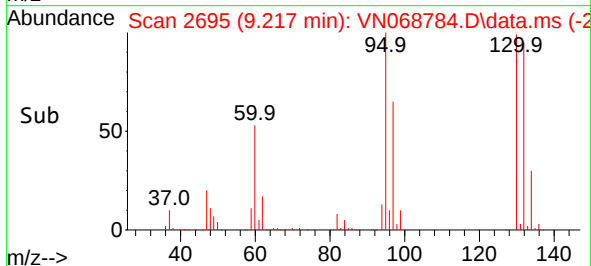
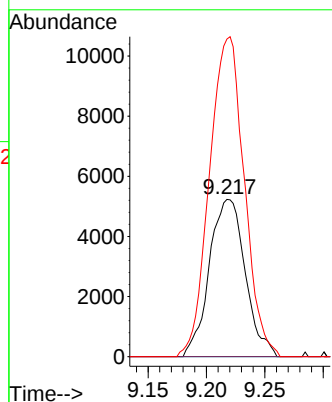
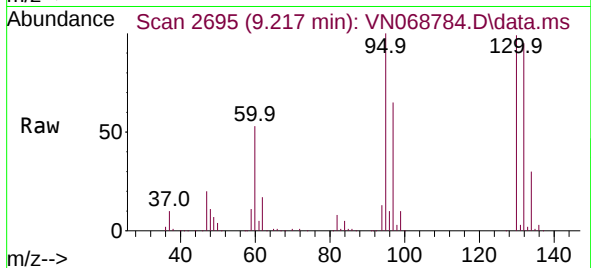
55 0.0 66.6 99.8#

98 201.9 35.3 52.9#

Instrument :

MSVOA_N

ClientSampled :



#44

Trichloroethene

Concen: 111.386 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. 0.000 min

Lab File: VN068784.D

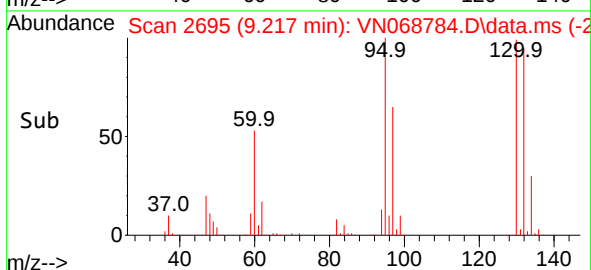
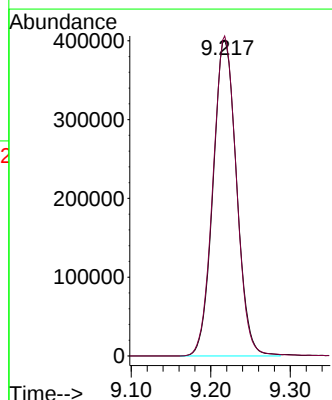
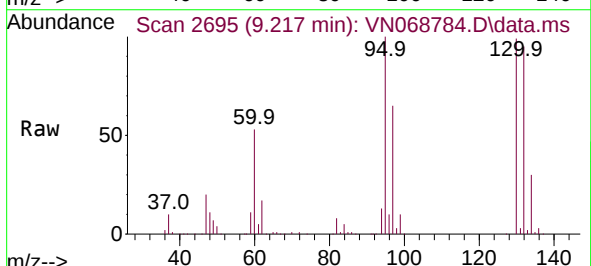
Acq: 1 Oct 2021 15:37

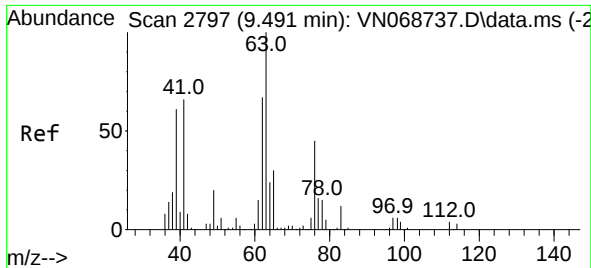
Tgt Ion:130 Resp: 823985

Ion Ratio Lower Upper

130 100

95 101.4 0.0 234.4

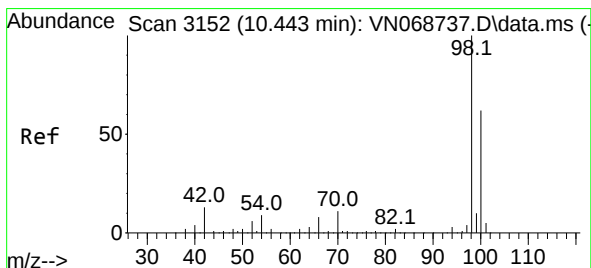
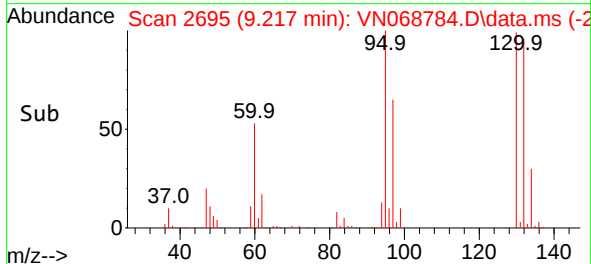
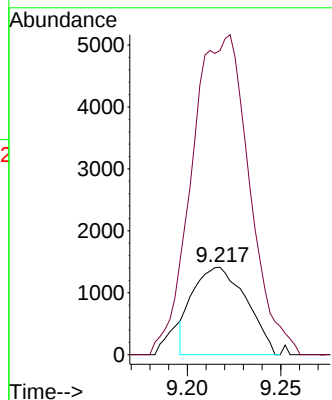
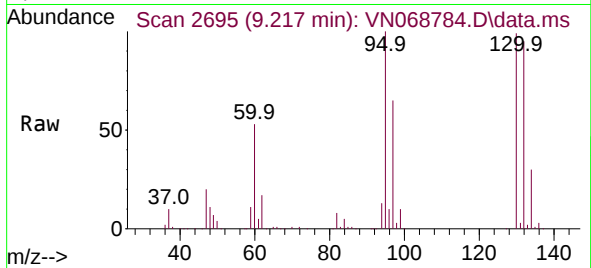




#45
1,2-Dichloropropane
Concen: 0.394 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.274 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

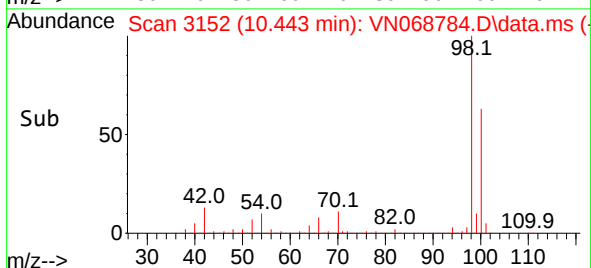
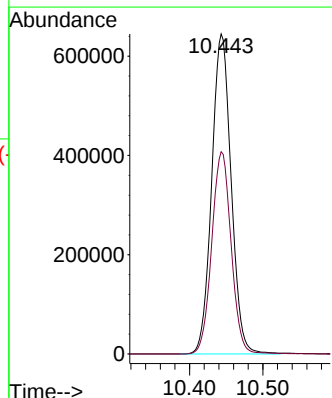
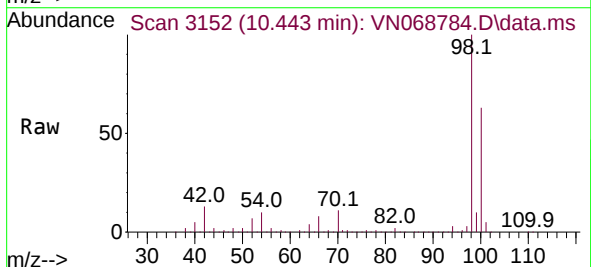
Instrument :
MSVOA_N
ClientSampled :

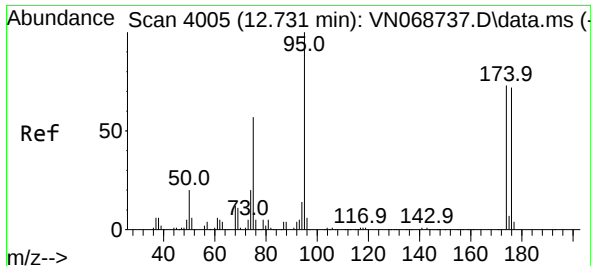
Tgt Ion: 63 Resp: 2817
Ion Ratio Lower Upper
63 100
65 315.4 24.3 36.5#



#50
Toluene-d8
Concen: 54.057 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

Tgt Ion: 98 Resp: 1187733
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5

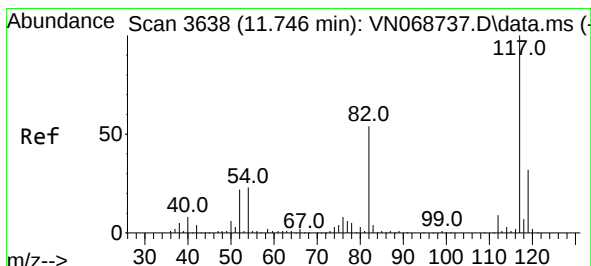
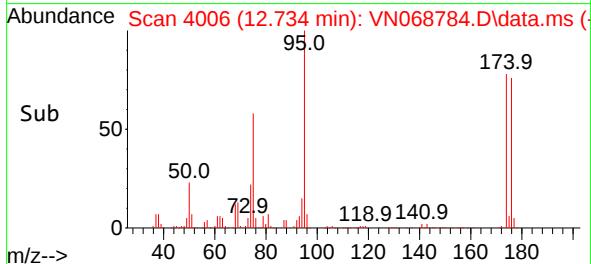
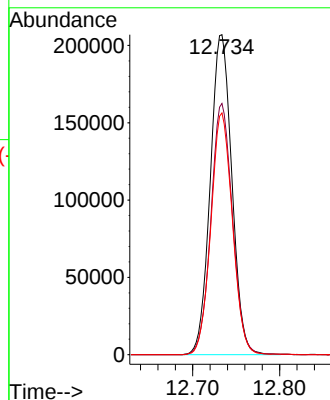
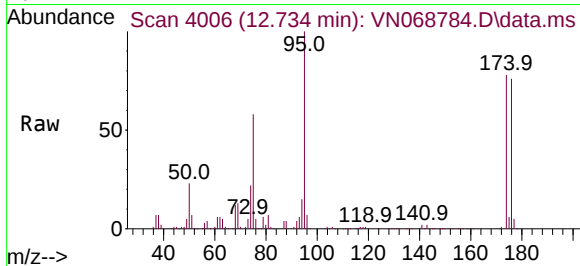




#62
4-Bromofluorobenzene
Concen: 46.718 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

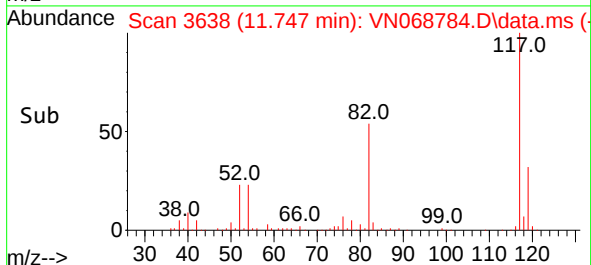
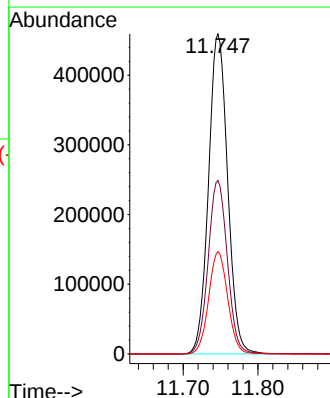
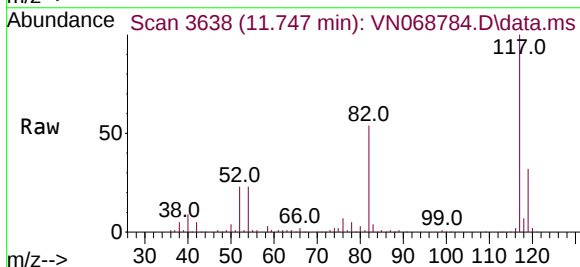
Instrument :
MSVOA_N
ClientSampled :

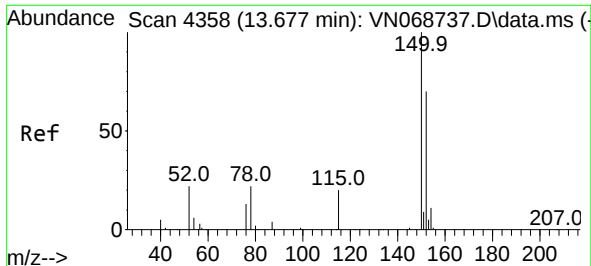
Tgt Ion: 95 Resp: 356679
Ion Ratio Lower Upper
95 100
174 78.6 0.0 122.0
176 75.4 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

Tgt Ion: 117 Resp: 816598
Ion Ratio Lower Upper
117 100
82 54.2 53.1 79.7
119 32.0 25.5 38.3

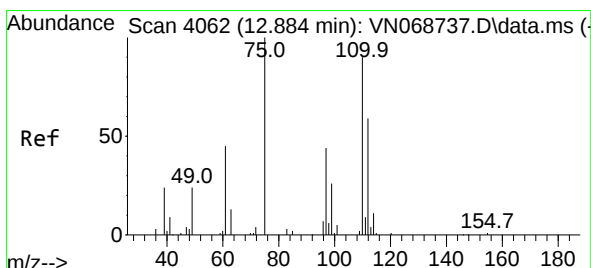
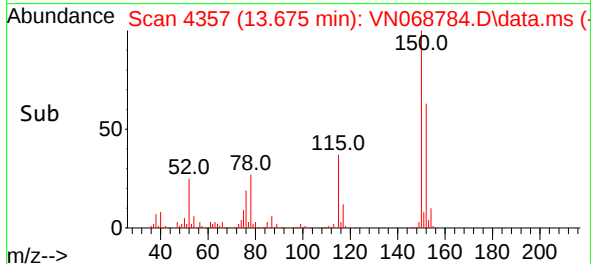
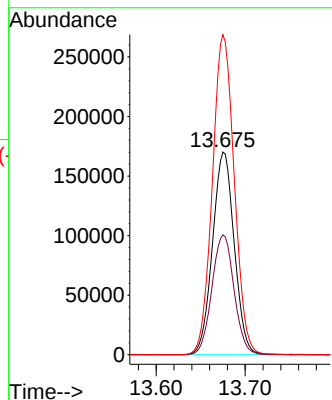
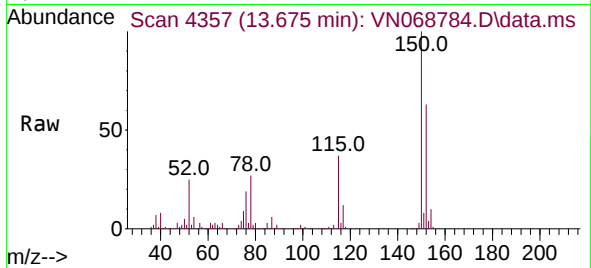




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

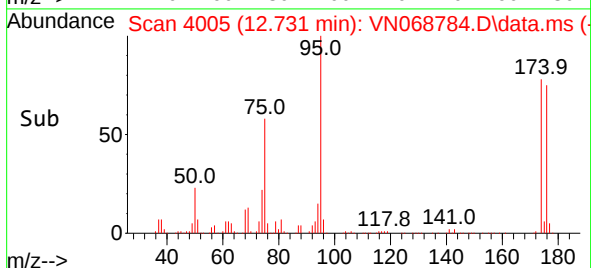
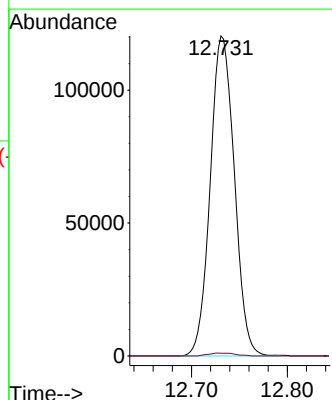
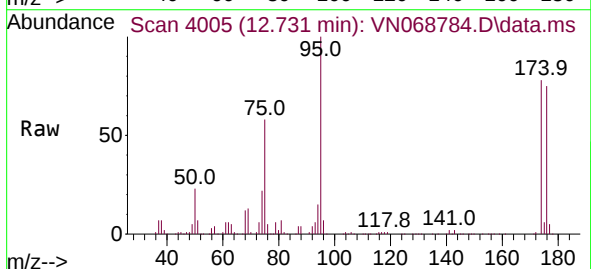
Instrument :
MSVOA_N
ClientSampled :

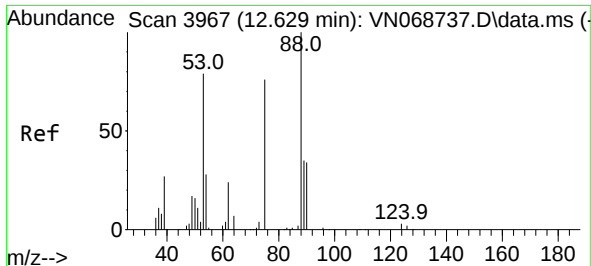
Tgt Ion:152 Resp: 288581
Ion Ratio Lower Upper
152 100
115 60.2 36.1 108.5
150 159.2 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 32.749 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.153 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

Tgt Ion: 75 Resp: 210173
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

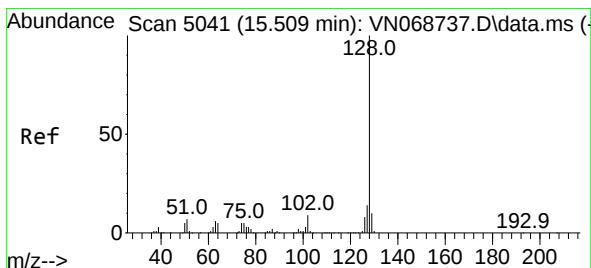
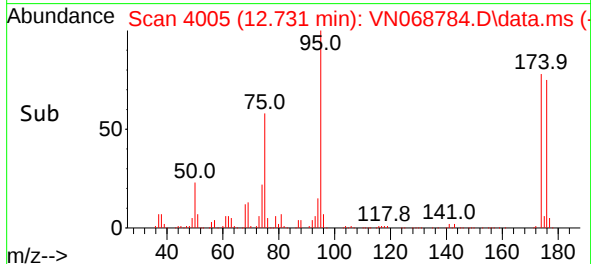
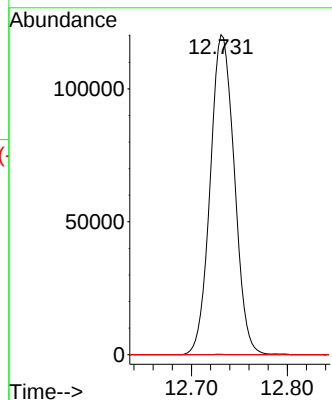
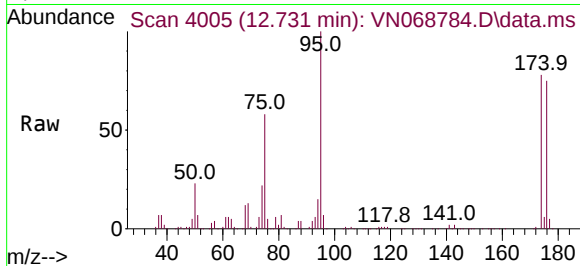




#81
trans-1,4-Dichloro-2-butene
Concen: 95.201 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.102 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 210173
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#95
Naphthalene
Concen: 1.513 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.005 min
Lab File: VN068784.D
Acq: 1 Oct 2021 15:37

Tgt Ion:128 Resp: 921
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

