

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092624\
 Data File : VX043177.D
 Acq On : 26 Sep 2024 14:48
 Operator : JC/MD
 Sample : P4180-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 27 01:42:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

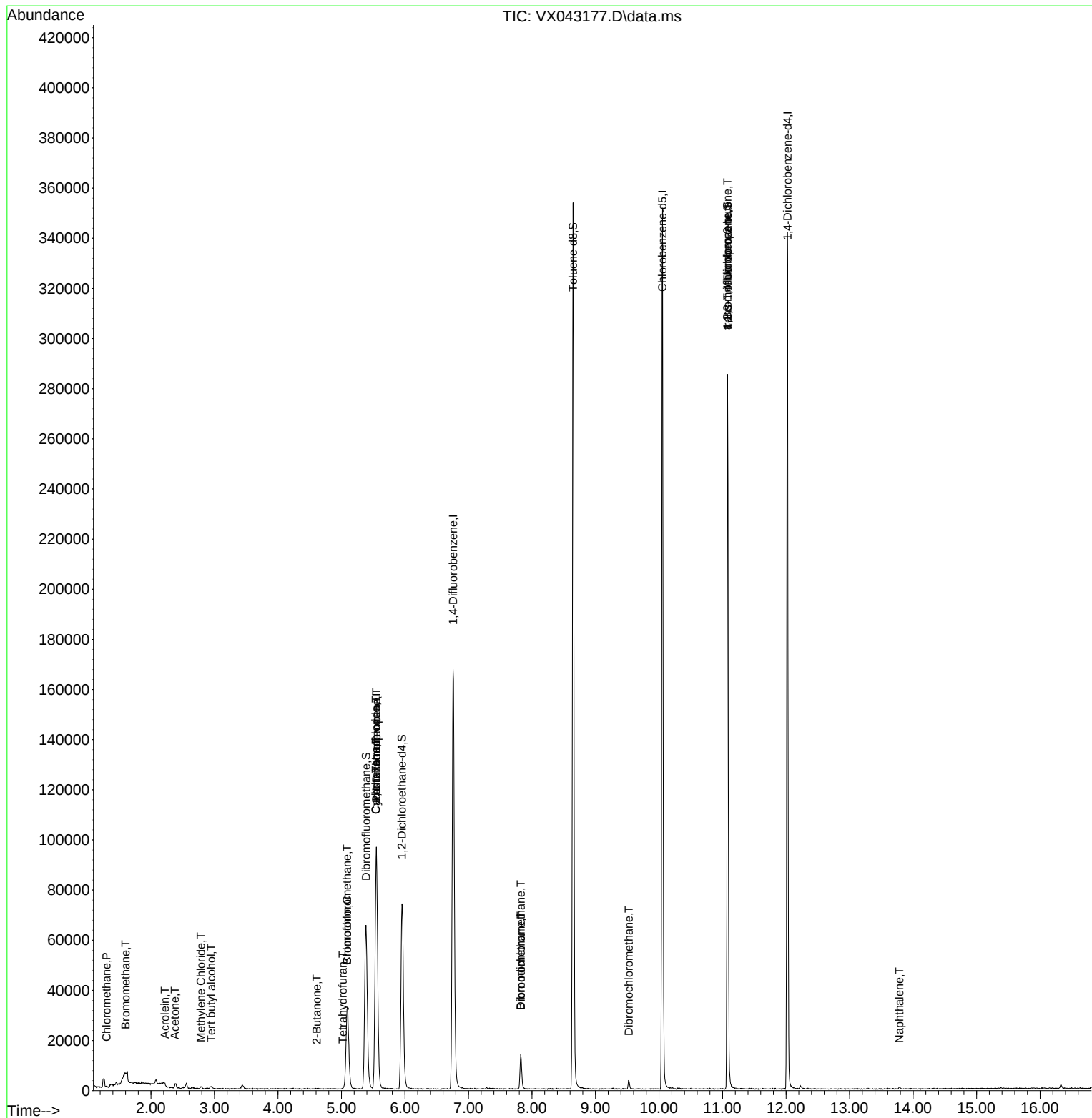
Internal Standards						
1) Pentafluorobenzene	5.550	168	85373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	170067	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76712	54.095	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.200%			
35) Dibromofluoromethane	5.385	113	57732	48.122	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.240%			
50) Toluene-d8	8.647	98	207347	51.085	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.160%			
62) 4-Bromofluorobenzene	11.079	95	75968	46.476	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.960%			
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	320	0.344	ug/l #	43
5) Bromomethane	1.599	94	117	0.215	ug/l	93
11) Tert butyl alcohol	2.947	59	564	1.781	ug/l #	71
13) Acrolein	2.221	56	41	0.983	ug/l #	1
16) Acetone	2.380	43	2316	3.492	ug/l	98
20) Methylene Chloride	2.788	84	473	0.448	ug/l #	71
25) 2-Butanone	4.611	43	273	0.319	ug/l #	49
28) Bromochloromethane	5.086	49	3357	4.193	ug/l #	10
29) Tetrahydrofuran	5.019	42	104	0.202	ug/l #	31
30) Chloroform	5.086	83	38990	19.442	ug/l	98
31) Cyclohexane	5.544	56	2204	1.580	ug/l #	35
36) 1,1-Dichloropropene	5.550	75	7445	5.050	ug/l #	49
38) Carbon Tetrachloride	5.544	117	9541	5.024	ug/l #	19
46) Dibromomethane	7.824	93	292	0.320	ug/l #	5
47) Bromodichloromethane	7.824	83	9383	4.946	ug/l	94
60) Dibromochloromethane	9.525	129	1821	1.209	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	41223	28.650	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	41223	68.262	ug/l #	7
95) Naphthalene	13.786	128	1086	0.230	ug/l #	82

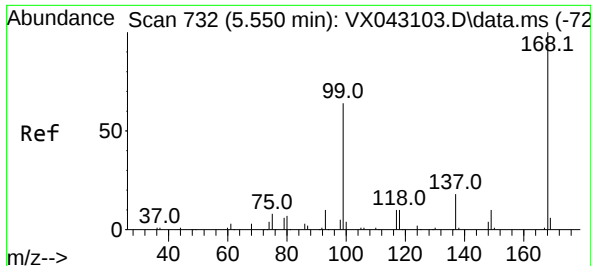
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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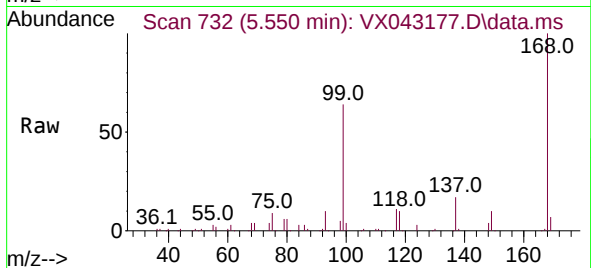
Quant Time: Sep 27 01:42:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration



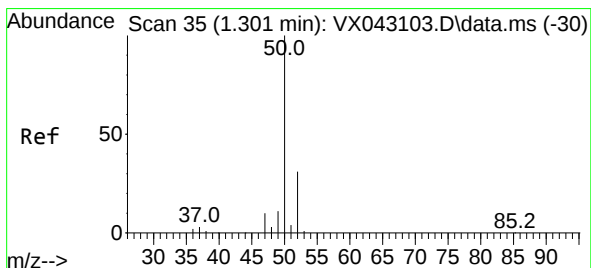
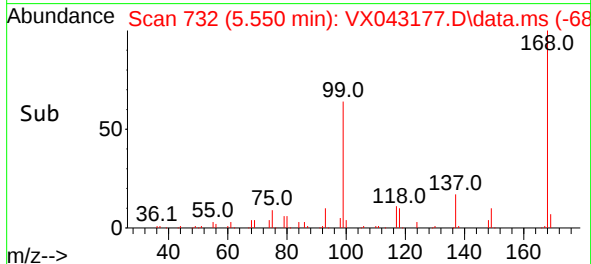
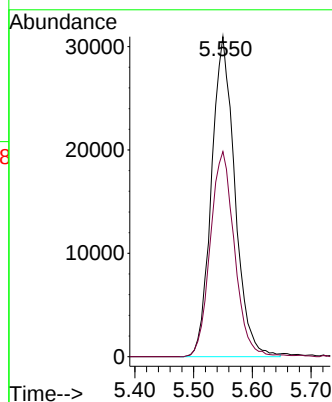


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043177.D
Acq: 26 Sep 2024 14:48

Instrument :
MSVOA_X
ClientSampleId :

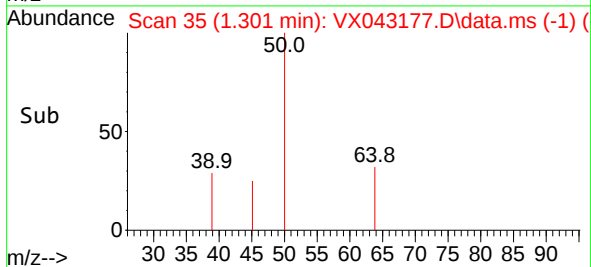
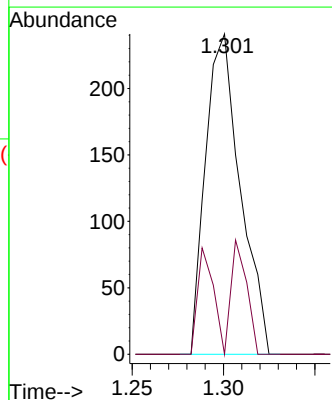
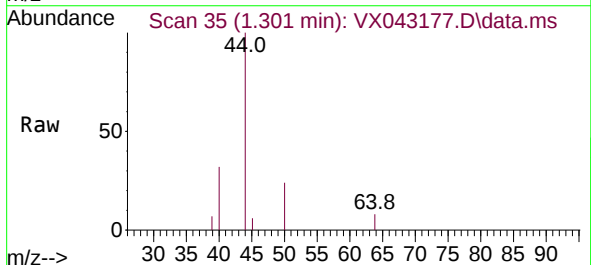


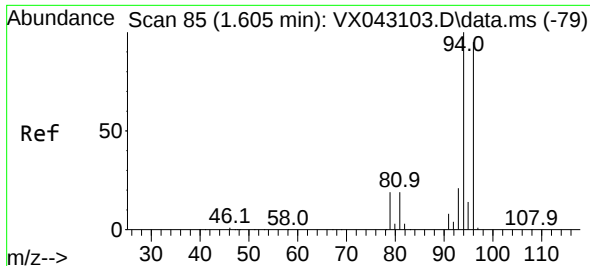
Tgt Ion:168 Resp: 85373
Ion Ratio Lower Upper
168 100
99 64.1 50.8 76.2



#3
Chloromethane
Concen: 0.344 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX043177.D
Acq: 26 Sep 2024 14:48

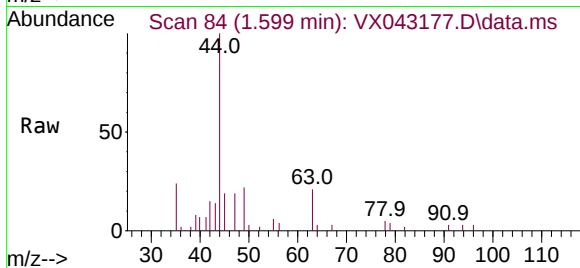
Tgt Ion: 50 Resp: 320
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#



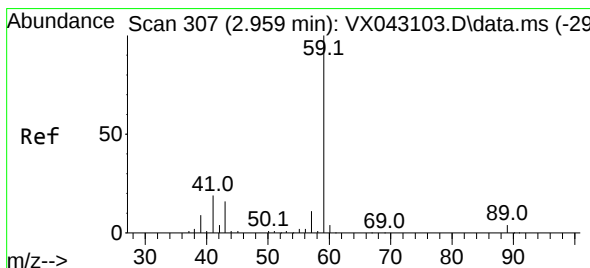
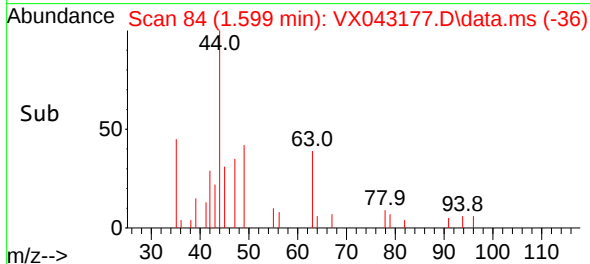
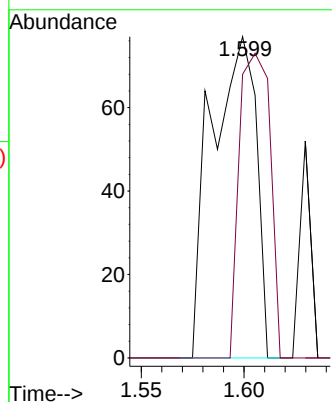


#5
Bromomethane
Concen: 0.215 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX043177.D
Acq: 26 Sep 2024 14:48

Instrument :
MSVOA_X
ClientSampleId :

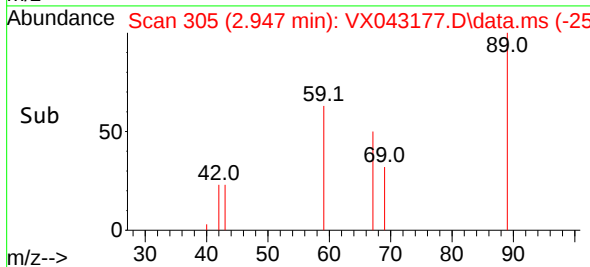
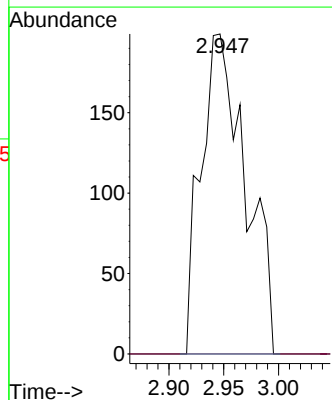
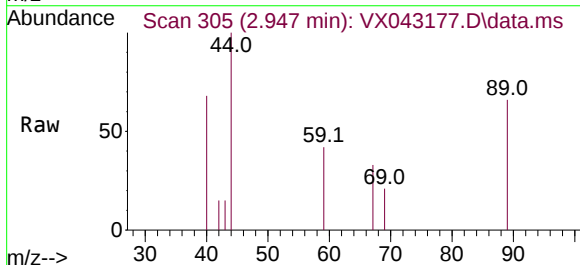


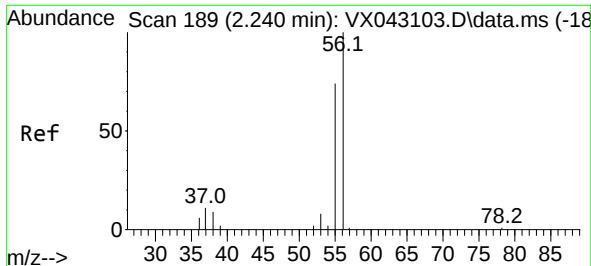
Tgt Ion: 94 Resp: 117
Ion Ratio Lower Upper
94 100
96 88.3 76.2 114.4



#11
Tert butyl alcohol
Concen: 1.781 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX043177.D
Acq: 26 Sep 2024 14:48

Tgt Ion: 59 Resp: 564
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#





#13

Acrolein

Concen: 0.983 ug/l

RT: 2.221 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX043177.D

Acq: 26 Sep 2024 14:48

Instrument :

MSVOA_X

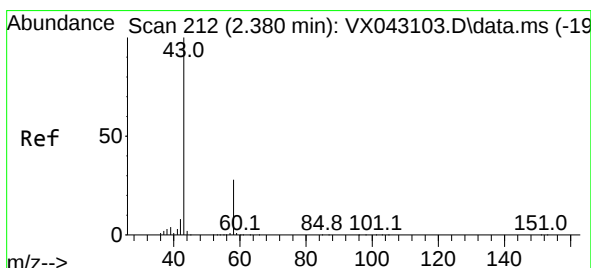
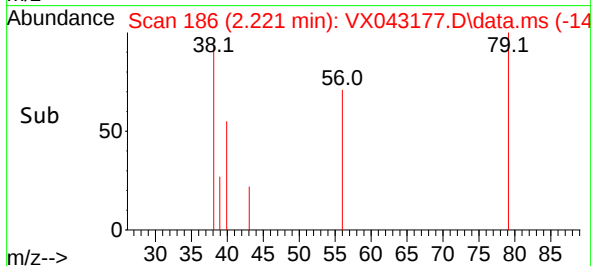
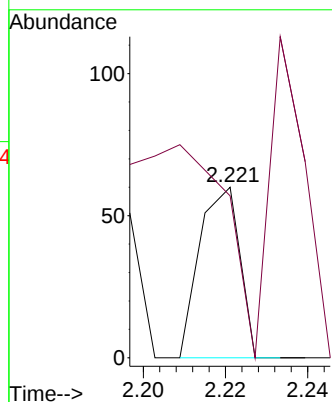
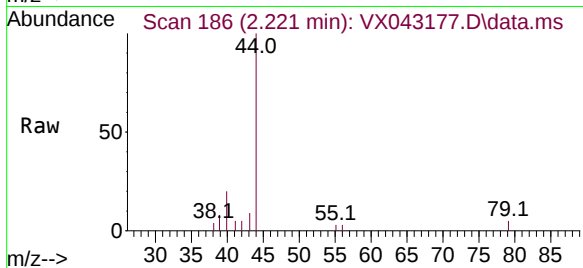
ClientSampleId :

Tgt Ion: 56 Resp: 41

Ion Ratio Lower Upper

56 100

55 163.4 55.8 83.6#



#16

Acetone

Concen: 3.492 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX043177.D

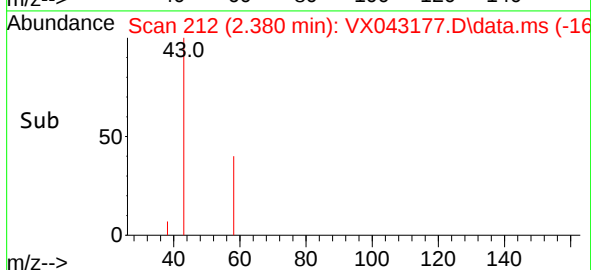
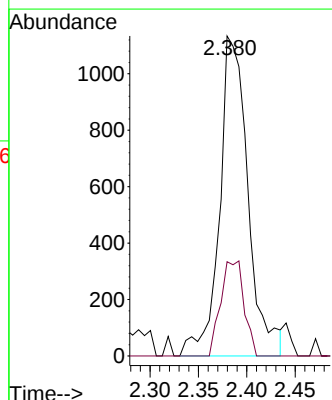
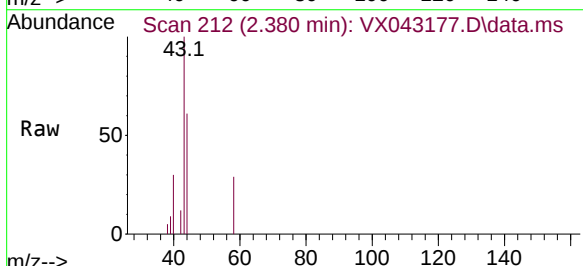
Acq: 26 Sep 2024 14:48

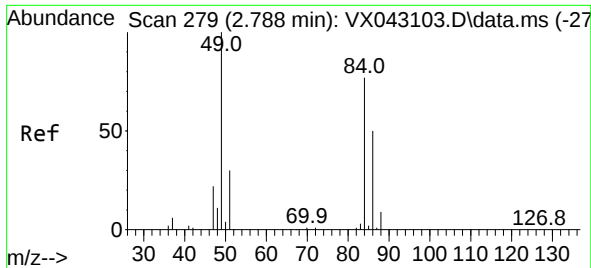
Tgt Ion: 43 Resp: 2316

Ion Ratio Lower Upper

43 100

58 29.5 22.6 34.0

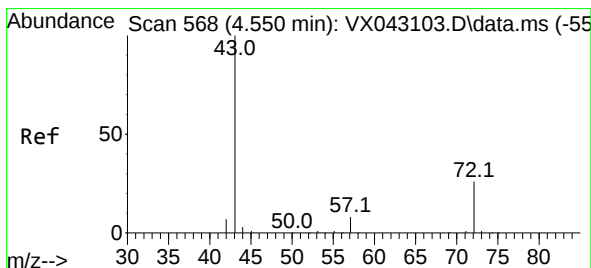
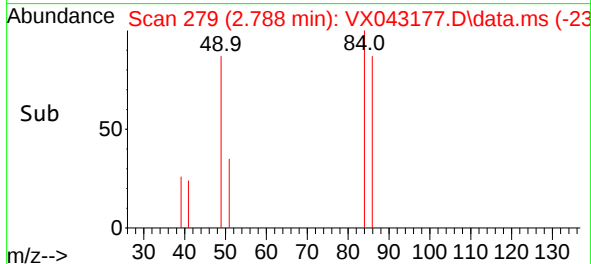
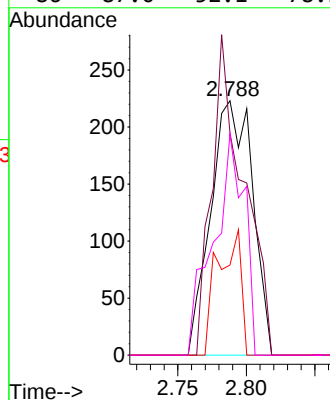
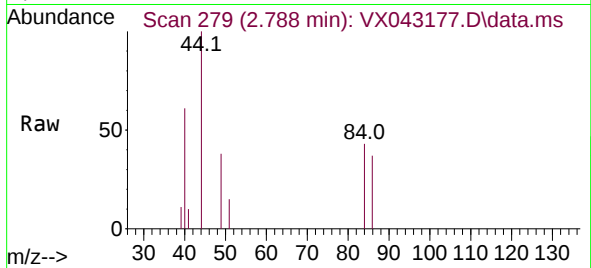




#20
Methylene Chloride
Concen: 0.448 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043177.D
Acq: 26 Sep 2024 14:48

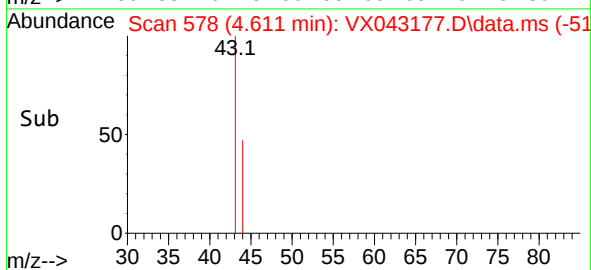
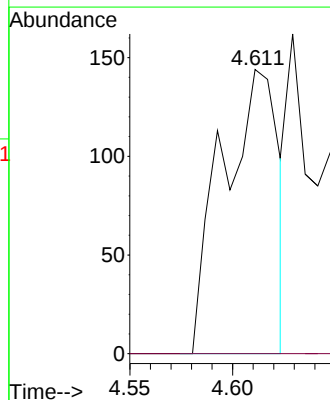
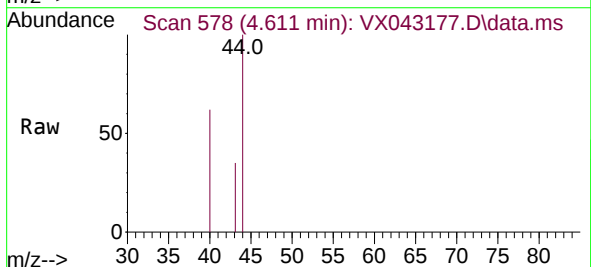
Instrument :
MSVOA_X
ClientSampleId :

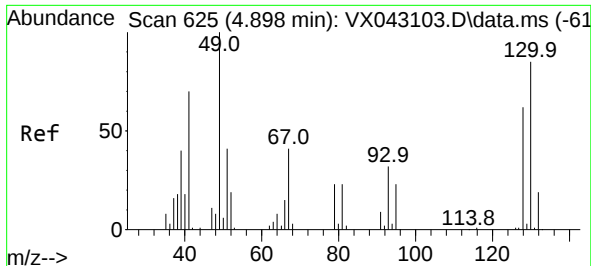
Tgt Ion: 84	Resp:	473	
Ion	Ratio	Lower	Upper
84	100		
49	87.4	104.1	156.1#
51	35.4	31.1	46.7
86	87.0	52.1	78.1#



#25
2-Butanone
Concen: 0.319 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.061 min
Lab File: VX043177.D
Acq: 26 Sep 2024 14:48

Tgt Ion: 43	Resp:	273	
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.7	31.1#





#28

Bromochloromethane

Concen: 4.193 ug/l

RT: 5.086 min Scan# 61

Delta R.T. 0.189 min

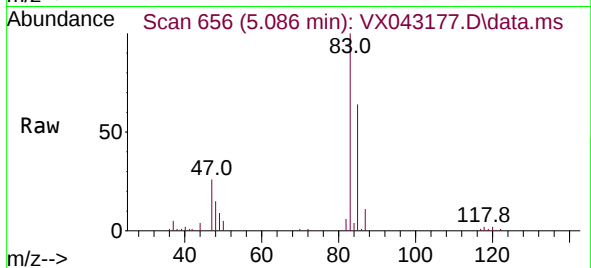
Lab File: VX043177.D

Acq: 26 Sep 2024 14:48

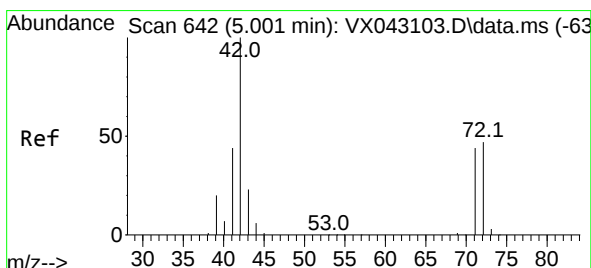
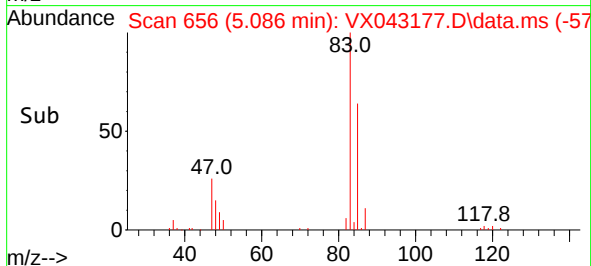
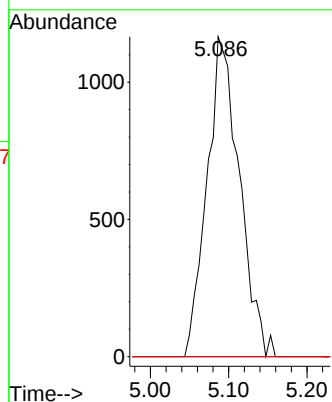
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	49	Resp:	3357
Ion Ratio	Lower	Upper	
49	100		
129	0.0	0.0	4.2
130	0.0	66.6	100.0#



#29

Tetrahydrofuran

Concen: 0.202 ug/l

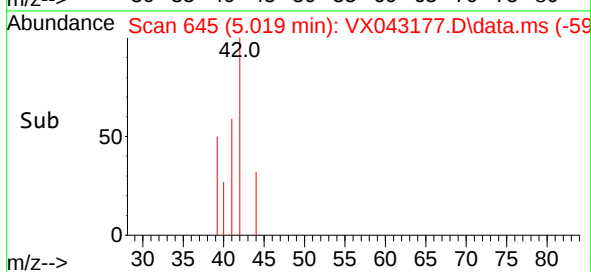
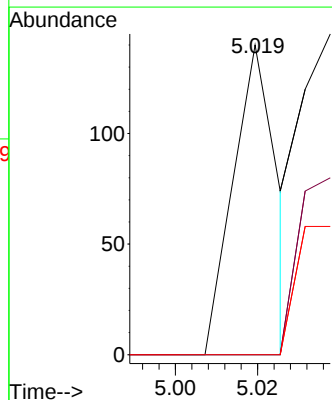
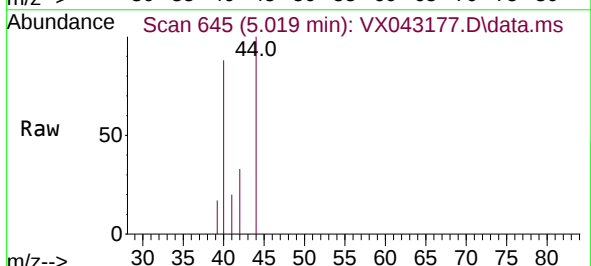
RT: 5.019 min Scan# 645

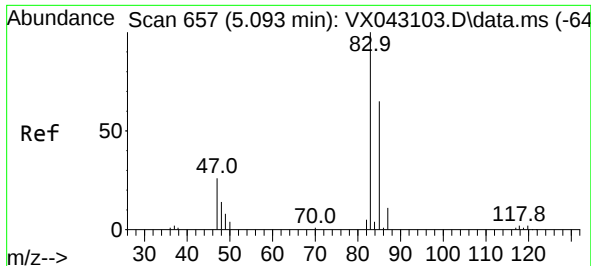
Delta R.T. 0.018 min

Lab File: VX043177.D

Acq: 26 Sep 2024 14:48

Tgt Ion:	42	Resp:	104
Ion Ratio	Lower	Upper	
42	100		
72	0.0	37.6	56.4#
71	0.0	34.8	52.2#





#30

Chloroform

Concen: 19.442 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX043177.D

Acq: 26 Sep 2024 14:48

Instrument :

MSVOA_X

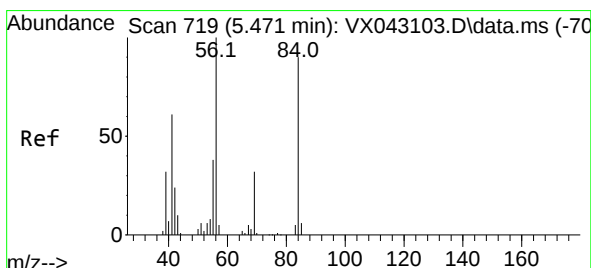
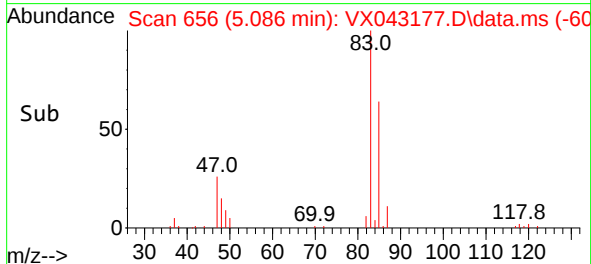
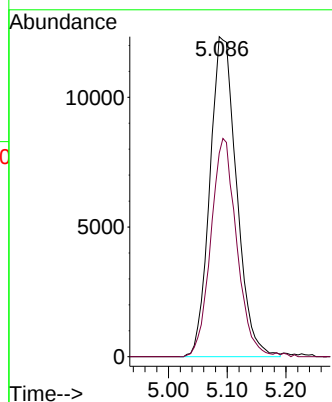
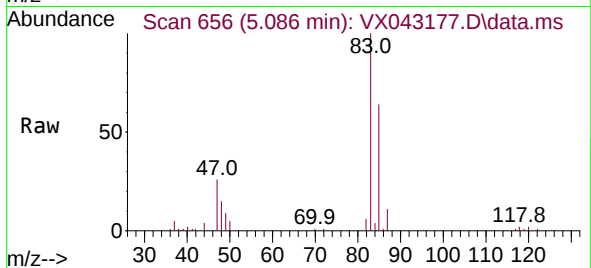
ClientSampleId :

Tgt Ion: 83 Resp: 38990

Ion Ratio Lower Upper

83 100

85 63.6 52.4 78.6



#31

Cyclohexane

Concen: 1.580 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX043177.D

Acq: 26 Sep 2024 14:48

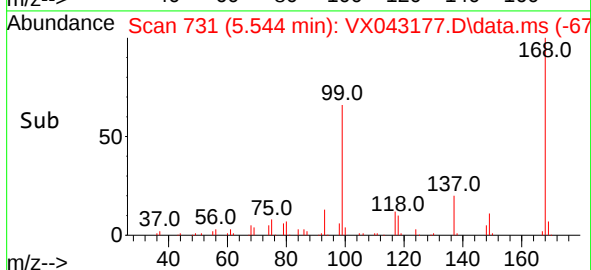
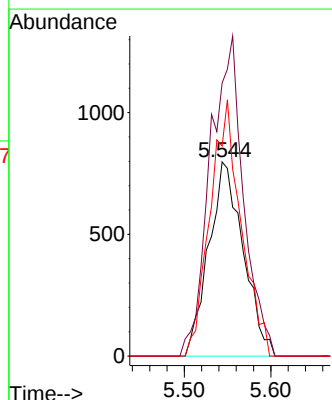
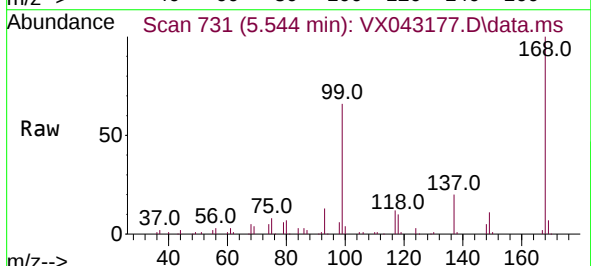
Tgt Ion: 56 Resp: 2204

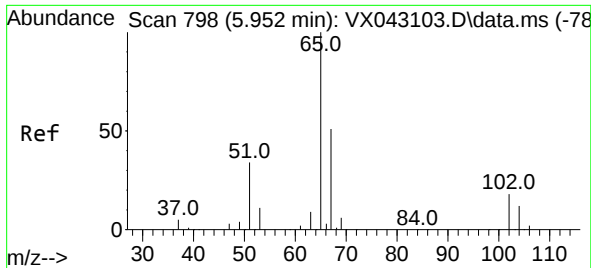
Ion Ratio Lower Upper

56 100

69 140.6 25.8 38.6#

84 108.1 72.4 108.6





#33

1,2-Dichloroethane-d4

Concen: 54.095 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043177.D

Acq: 26 Sep 2024 14:48

Instrument :

MSVOA_X

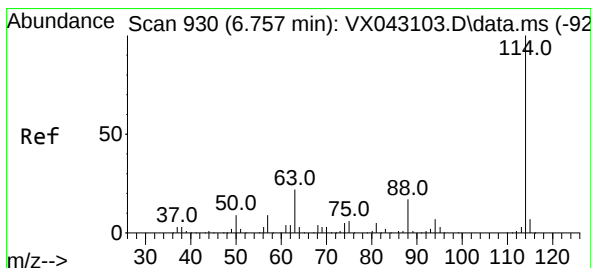
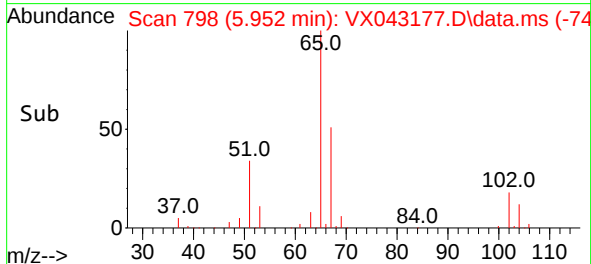
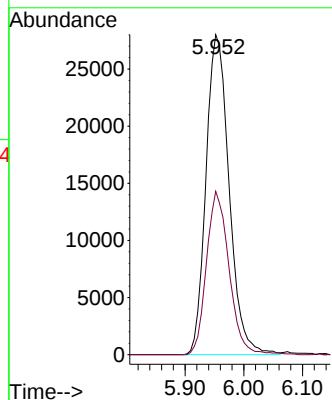
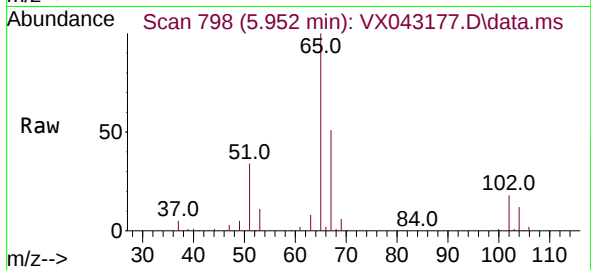
ClientSampleId :

Tgt Ion: 65 Resp: 76712

Ion Ratio Lower Upper

65 100

67 49.9 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043177.D

Acq: 26 Sep 2024 14:48

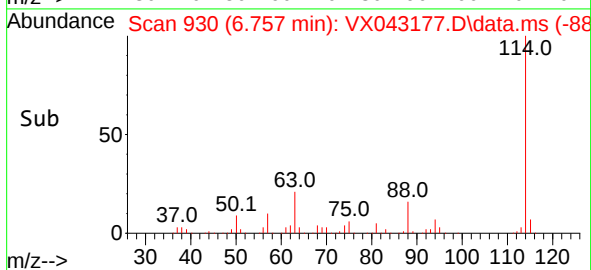
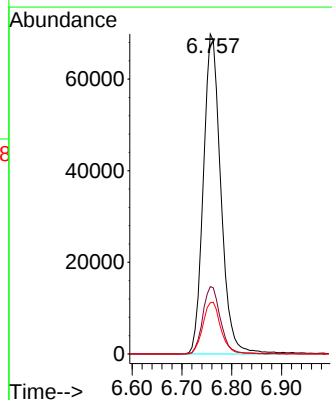
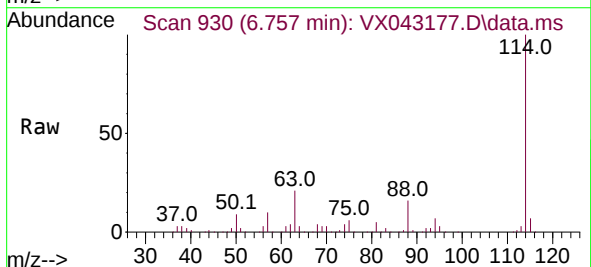
Tgt Ion: 114 Resp: 170067

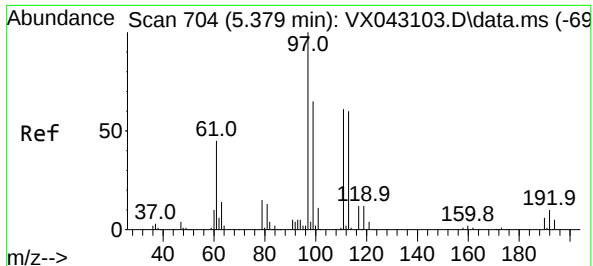
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

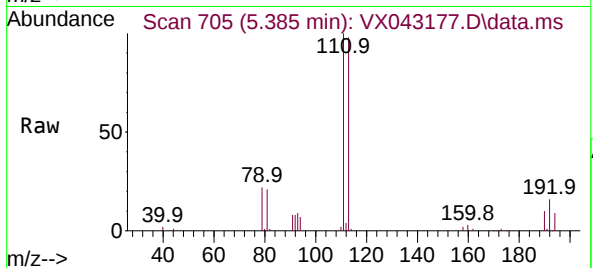
88 16.0 0.0 33.4



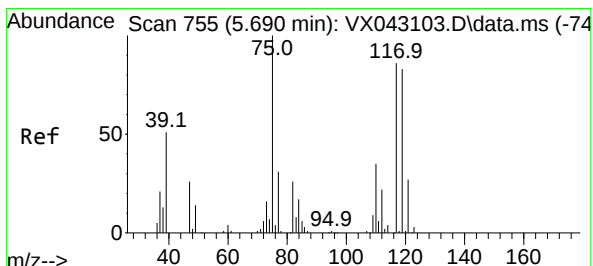
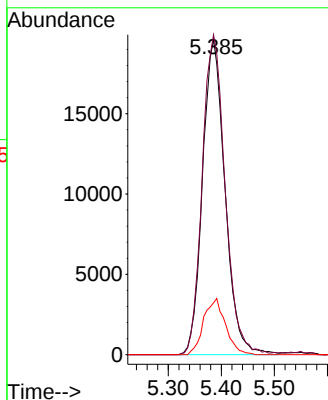
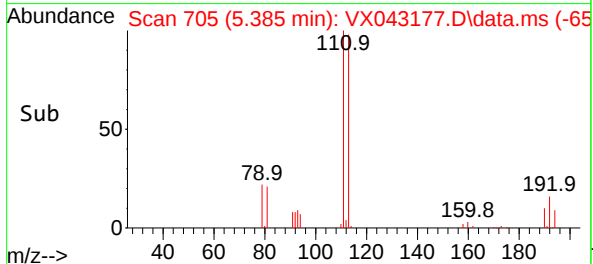


#35
Dibromofluoromethane
Concen: 48.122 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX043177.D
Acq: 26 Sep 2024 14:48

Instrument :
MSVOA_X
ClientSampleId :

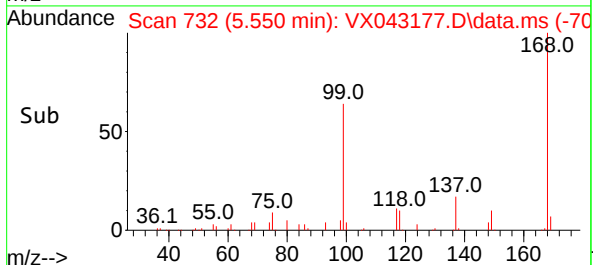
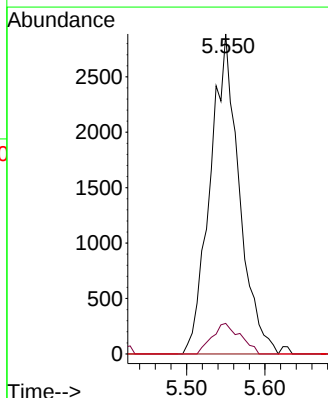
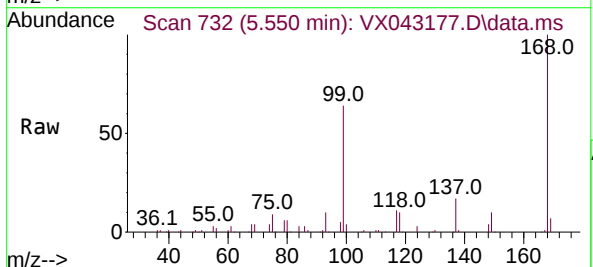


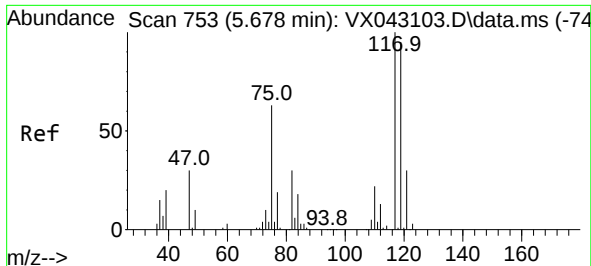
Tgt Ion:113 Resp: 57732
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 17.3 14.6 22.0



#36
1,1-Dichloropropene
Concen: 5.050 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043177.D
Acq: 26 Sep 2024 14:48

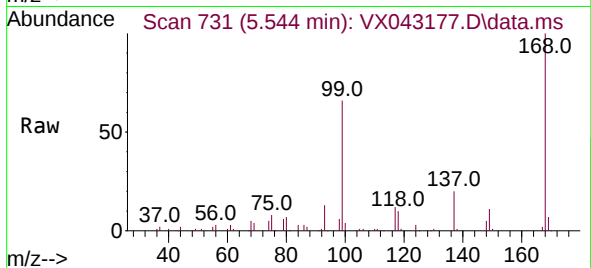
Tgt Ion: 75 Resp: 7445
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.4#
77 0.0 25.2 37.8#



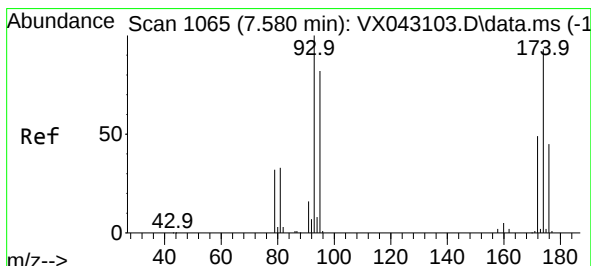
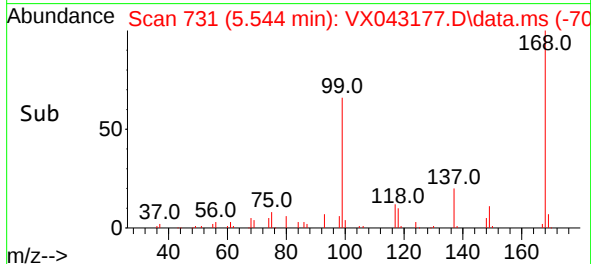
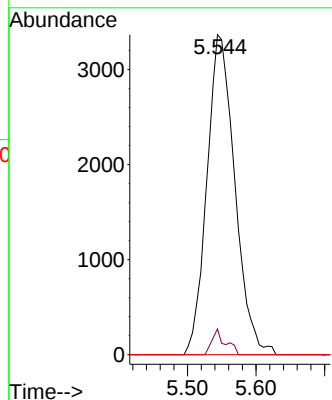


#38
Carbon Tetrachloride
Concen: 5.024 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX043177.D
Acq: 26 Sep 2024 14:48

Instrument :
MSVOA_X
ClientSampleId :

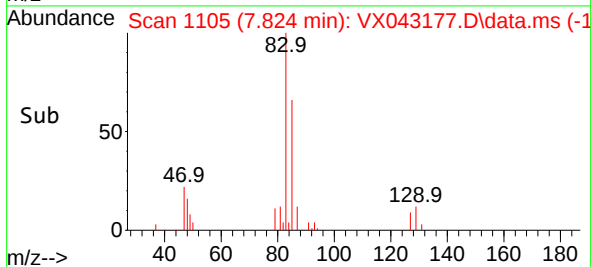
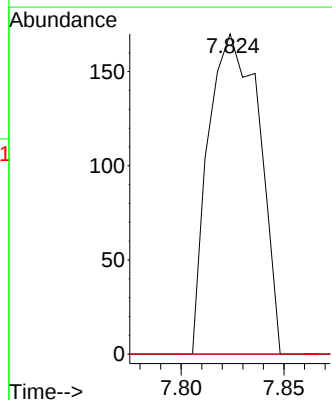
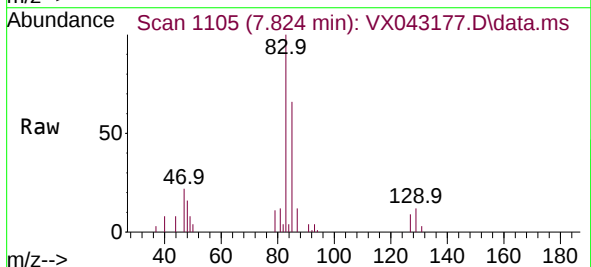


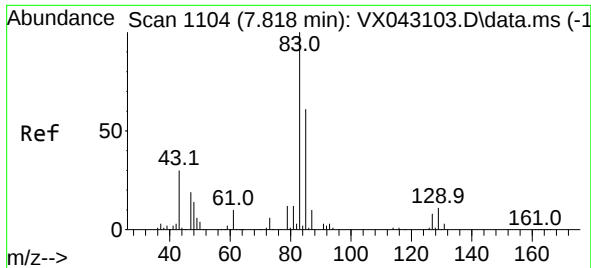
Tgt Ion:117 Resp: 9541
Ion Ratio Lower Upper
117 100
119 8.0 75.5 113.3#
121 0.0 24.2 36.2#



#46
Dibromomethane
Concen: 0.320 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.244 min
Lab File: VX043177.D
Acq: 26 Sep 2024 14:48

Tgt Ion: 93 Resp: 292
Ion Ratio Lower Upper
93 100
95 0.0 67.1 100.7#
174 0.0 75.4 113.2#

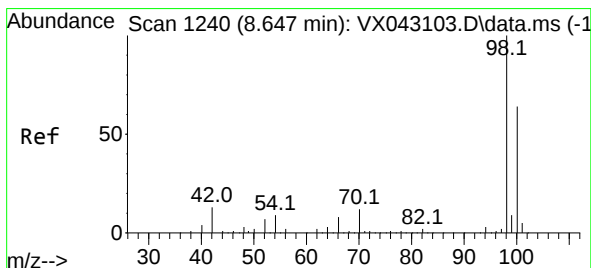
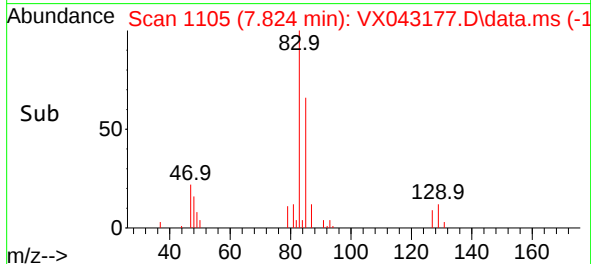
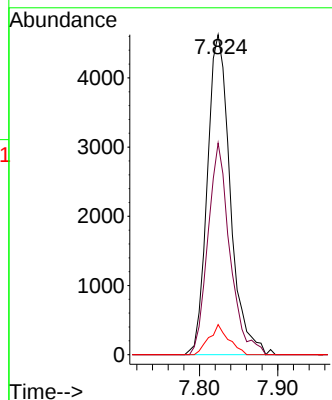
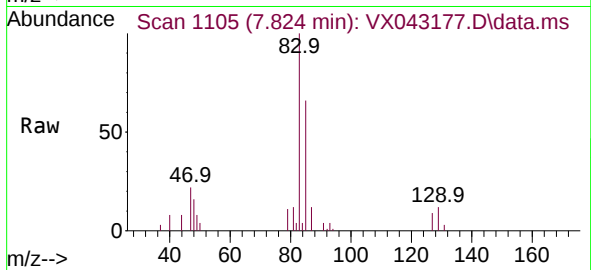




#47
Bromodichloromethane
Concen: 4.946 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX043177.D
Acq: 26 Sep 2024 14:48

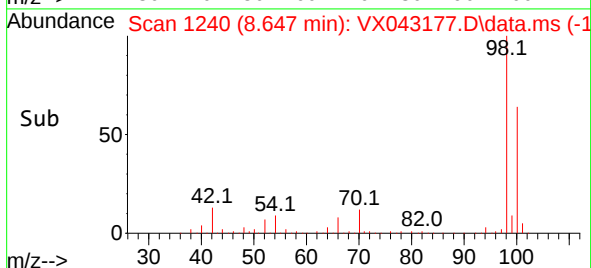
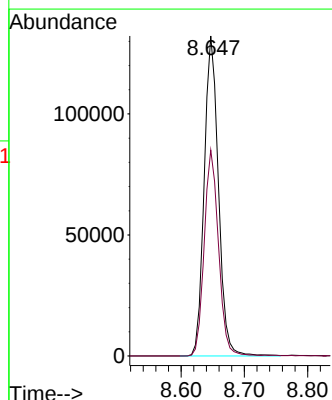
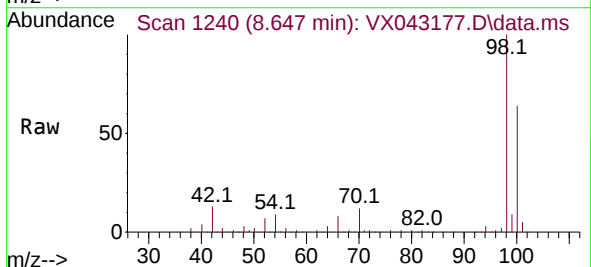
Instrument :
MSVOA_X
ClientSampleId :

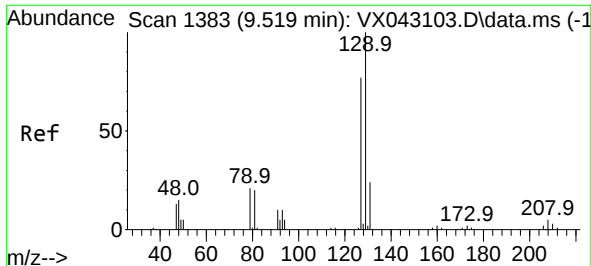
Tgt Ion: 83 Resp: 9383
Ion Ratio Lower Upper
83 100
85 66.2 49.1 73.7
127 9.4 6.6 9.8



#50
Toluene-d8
Concen: 51.085 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043177.D
Acq: 26 Sep 2024 14:48

Tgt Ion: 98 Resp: 207347
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4

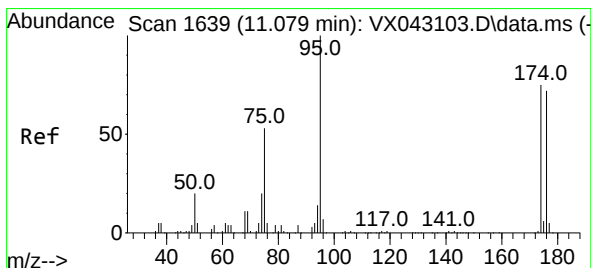
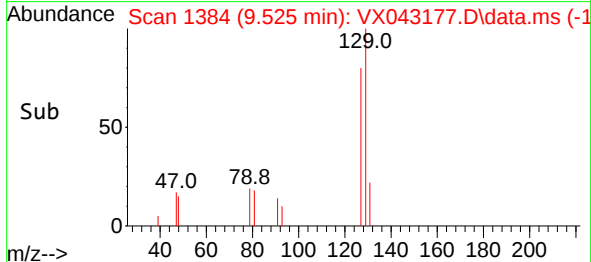
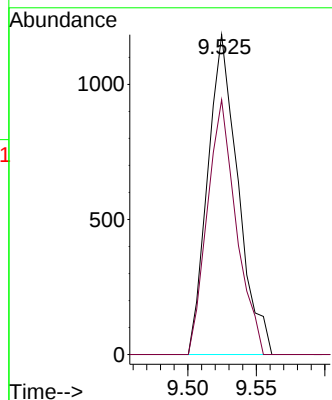
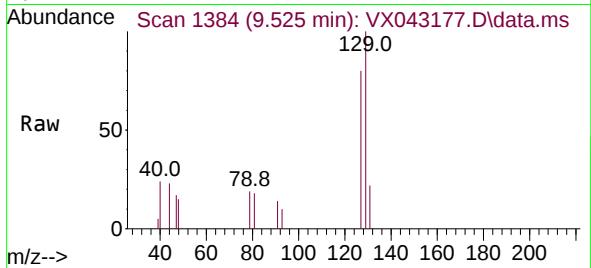




#60
Dibromochloromethane
Concen: 1.209 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043177.D
Acq: 26 Sep 2024 14:48

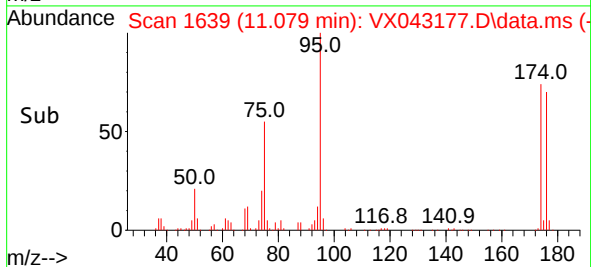
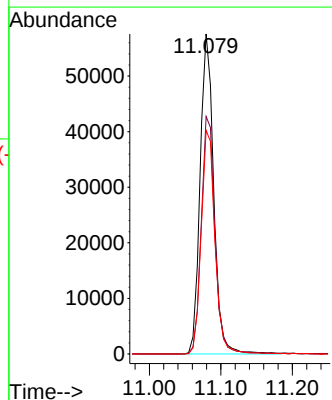
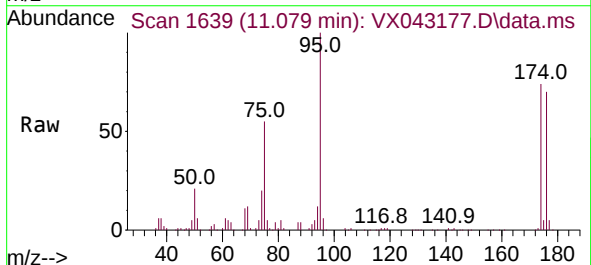
Instrument :
MSVOA_X
ClientSampleId :

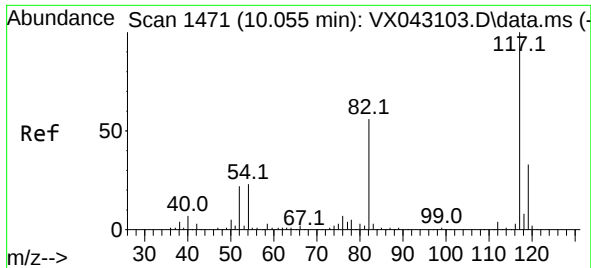
Tgt Ion:129 Resp: 1821
Ion Ratio Lower Upper
129 100
127 75.8 38.4 115.1



#62
4-Bromofluorobenzene
Concen: 46.476 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043177.D
Acq: 26 Sep 2024 14:48

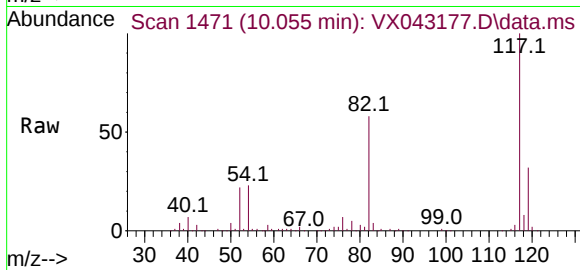
Tgt Ion: 95 Resp: 75968
Ion Ratio Lower Upper
95 100
174 74.8 0.0 146.0
176 71.0 0.0 142.6



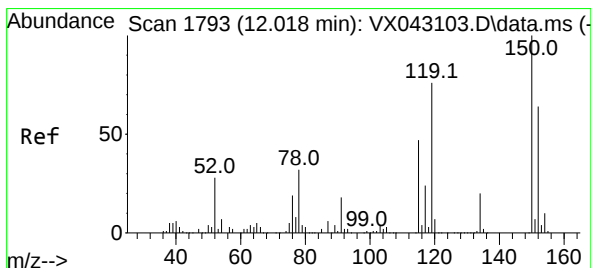
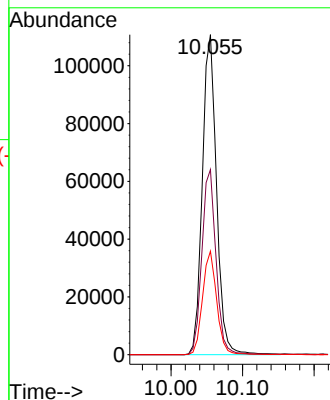
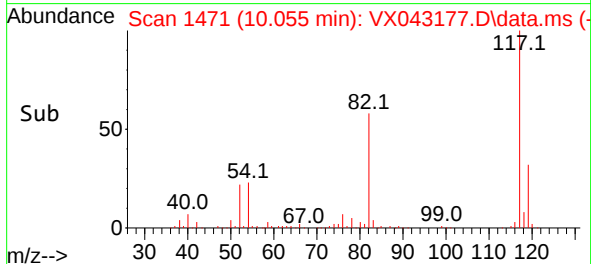


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043177.D
Acq: 26 Sep 2024 14:48

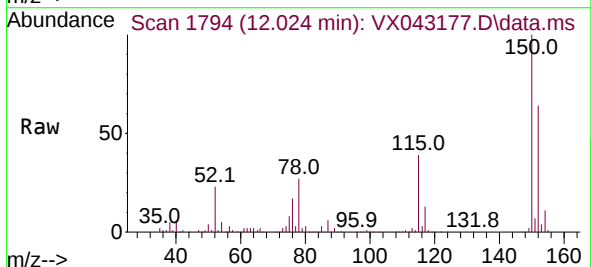
Instrument :
MSVOA_X
ClientSampleId :



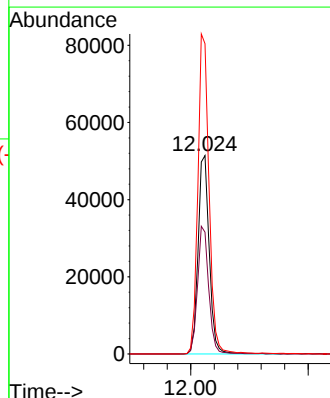
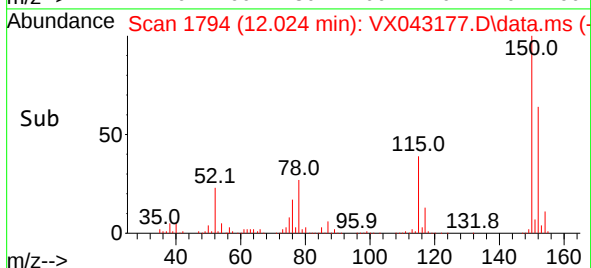
Tgt Ion:117 Resp: 152996
Ion Ratio Lower Upper
117 100
82 57.9 44.7 67.1
119 32.4 26.3 39.5

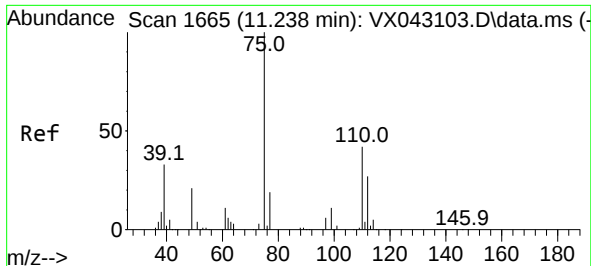


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX043177.D
Acq: 26 Sep 2024 14:48



Tgt Ion:152 Resp: 67676
Ion Ratio Lower Upper
152 100
115 64.4 43.7 131.1
150 161.0 0.0 344.6

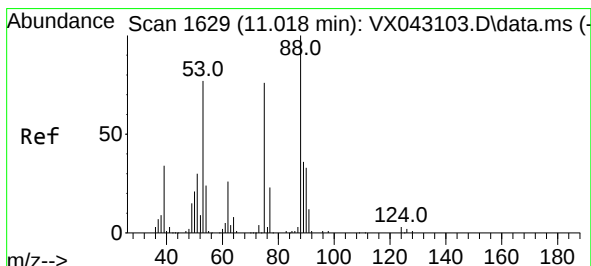
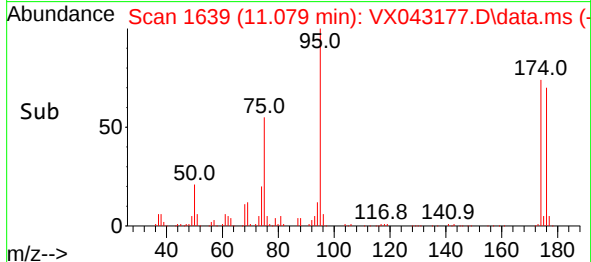
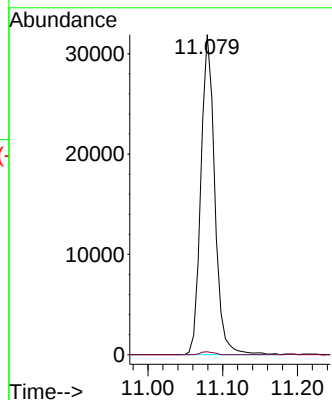
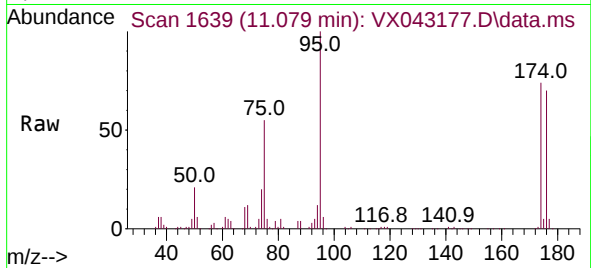




#76
1,2,3-Trichloropropane
Concen: 28.650 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043177.D
Acq: 26 Sep 2024 14:48

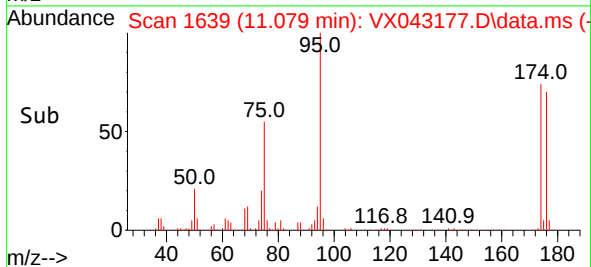
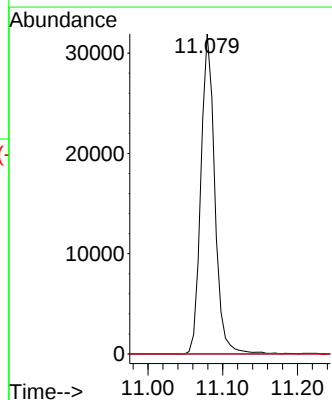
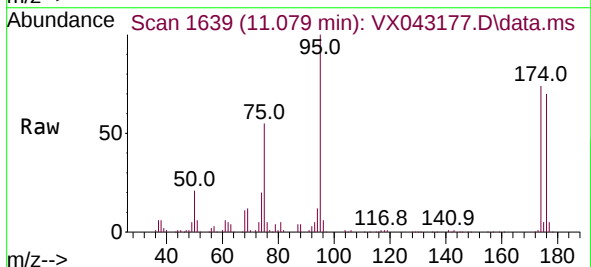
Instrument :
MSVOA_X
ClientSampleId :

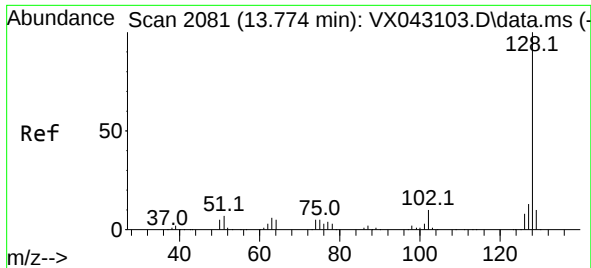
Tgt Ion: 75 Resp: 41223
Ion Ratio Lower Upper
75 100
77 0.9 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.262 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043177.D
Acq: 26 Sep 2024 14:48

Tgt Ion: 75 Resp: 41223
Ion Ratio Lower Upper
75 100
53 0.0 85.4 128.2#
89 0.0 38.8 58.2#





#95

Naphthalene

Concen: 0.230 ug/l

RT: 13.786 min Scan# 20

Delta R.T. 0.012 min

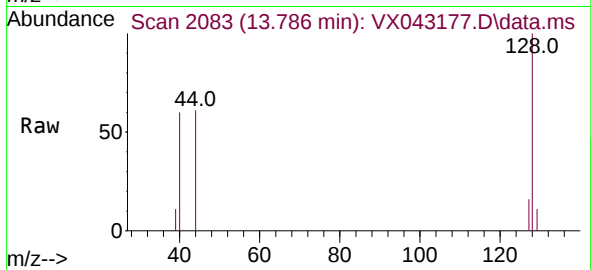
Lab File: VX043177.D

Acq: 26 Sep 2024 14:48

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 1086

Ion Ratio Lower Upper

128 100

127 7.6 10.2 15.4#

129 2.1 8.6 13.0#

