

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043145.D
 Acq On : 25 Sep 2024 12:06
 Operator : JC/MD
 Sample : P4164-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 26 01:32:50 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)

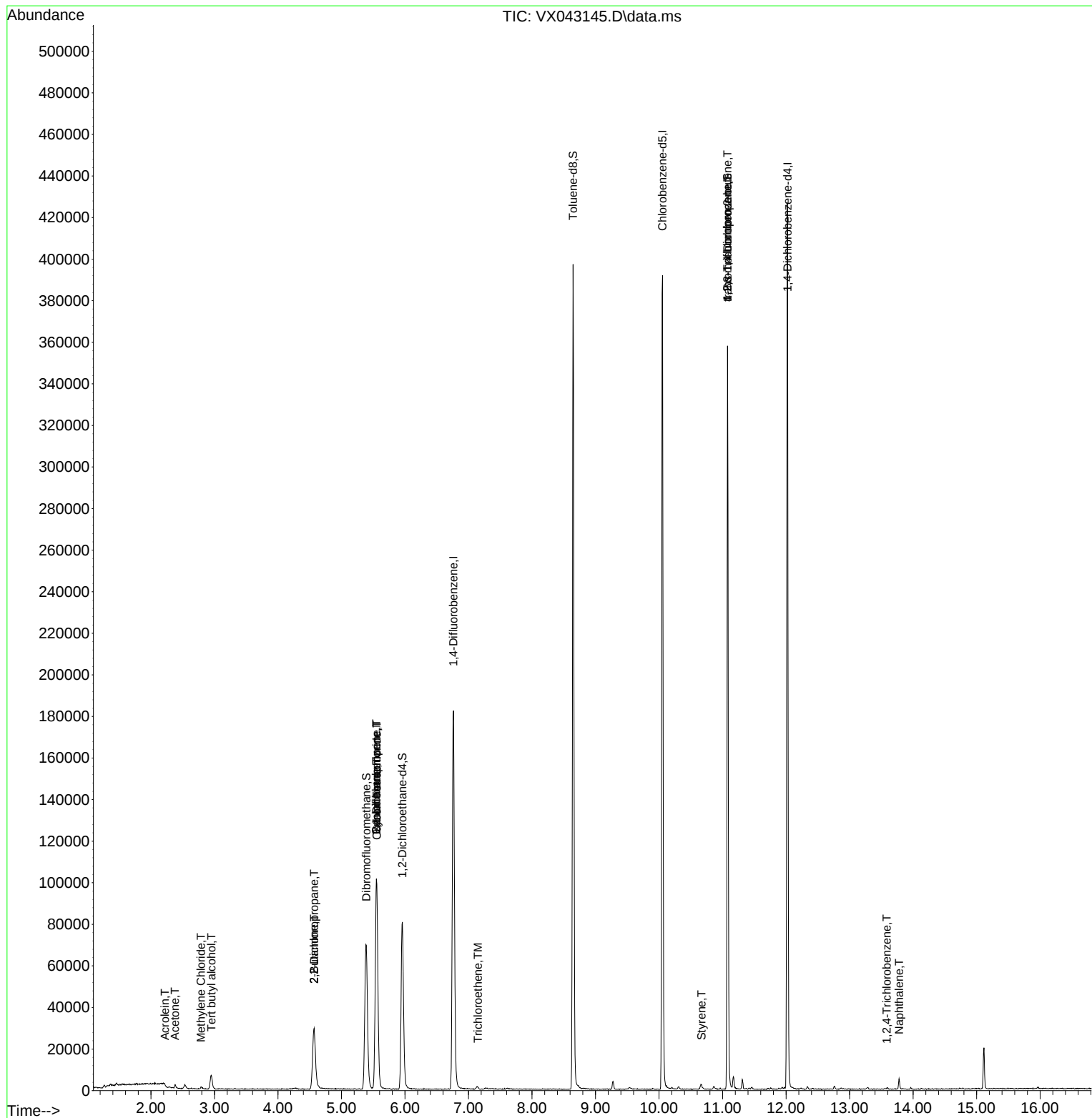
Internal Standards						
1) Pentafluorobenzene	5.550	168	92482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184305	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81700	53.184	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.360%	
35) Dibromofluoromethane	5.391	113	62717	48.238	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.480%	
50) Toluene-d8	8.647	98	227536	51.728	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	11.079	95	92667	52.313	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	4761	13.881	ug/l #	75
13) Acrolein	2.221	56	67	1.483	ug/l #	1
16) Acetone	2.380	43	1960	2.728	ug/l	97
20) Methylene Chloride	2.788	84	406	0.355	ug/l #	75
25) 2-Butanone	4.568	43	2022	2.183	ug/l #	73
26) 2,2-Dichloropropane	4.568	77	2463	1.235	ug/l #	54
31) Cyclohexane	5.550	56	2363	1.564	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	8334	5.217	ug/l #	49
38) Carbon Tetrachloride	5.556	117	9972	4.846	ug/l #	16
44) Trichloroethene	7.147	130	594	0.461	ug/l	63
70) Styrene	10.671	104	1544	0.379	ug/l #	84
76) 1,2,3-Trichloropropane	11.079	75	50271	26.994	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	50271	64.315	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.585	180	413	0.235	ug/l	90
95) Naphthalene	13.780	128	3600	0.590	ug/l	98

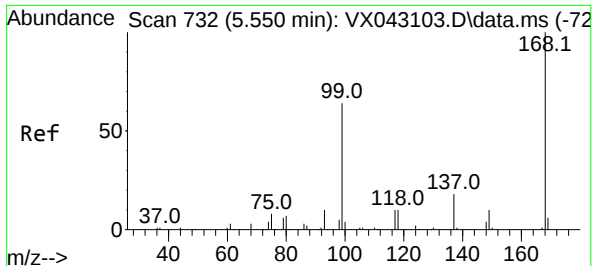
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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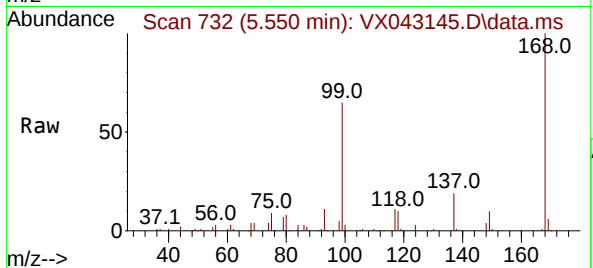
Quant Time: Sep 26 01:32:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
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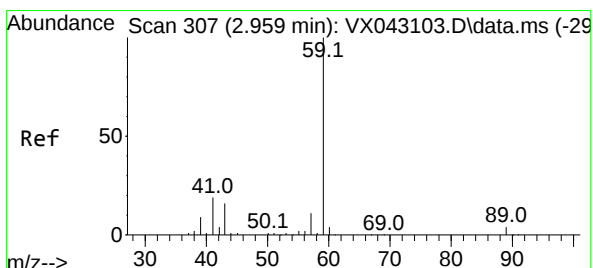
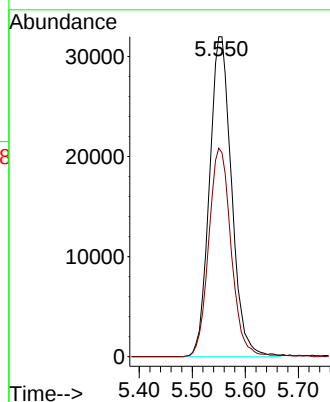
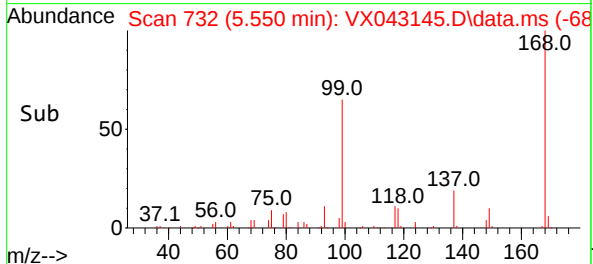


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

Instrument :
MSVOA_X
ClientSampleId :

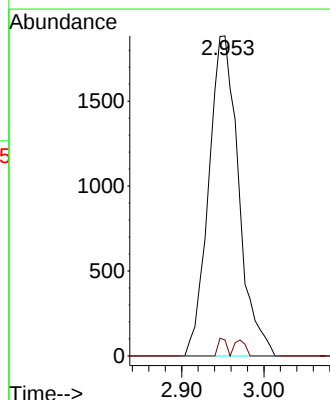
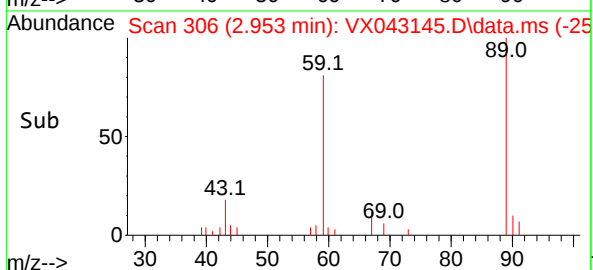
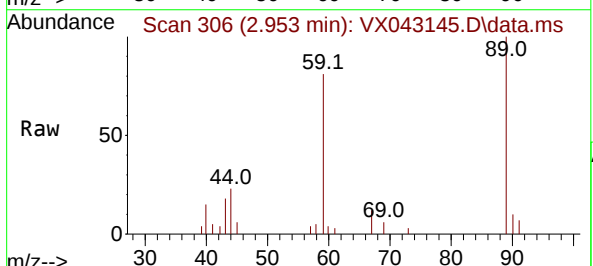


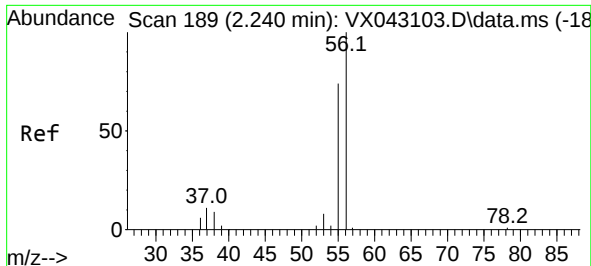
Tgt Ion:168 Resp: 92482
Ion Ratio Lower Upper
168 100
99 65.1 50.8 76.2



#11
Tert butyl alcohol
Concen: 13.881 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

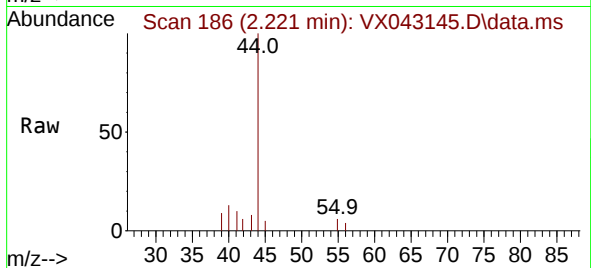
Tgt Ion: 59 Resp: 4761
Ion Ratio Lower Upper
59 100
57 1.5 8.6 13.0#



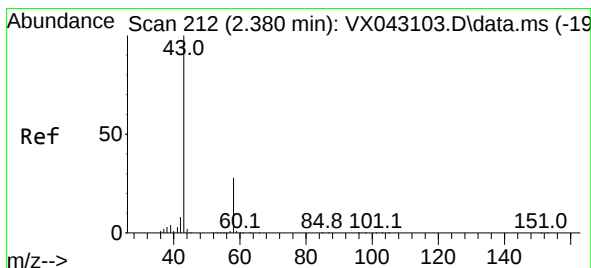
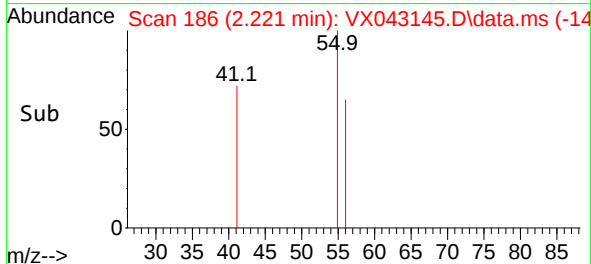
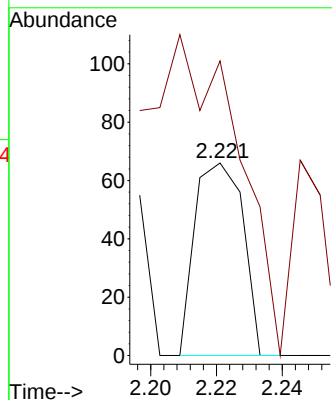


#13
Acrolein
Concen: 1.483 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.018 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

Instrument :
MSVOA_X
ClientSampleId :

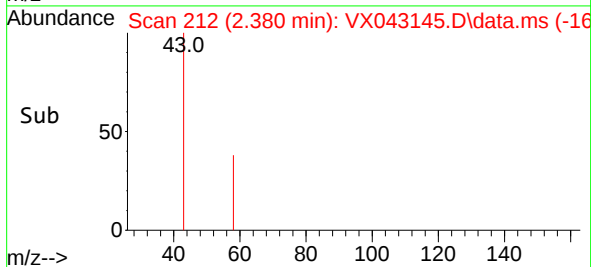
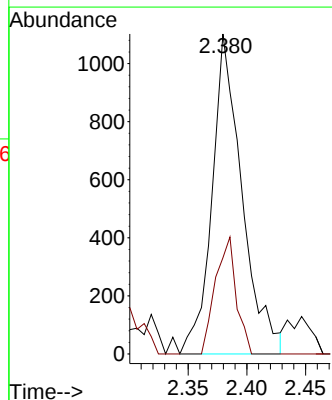
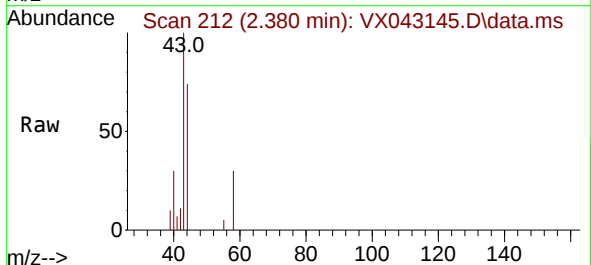


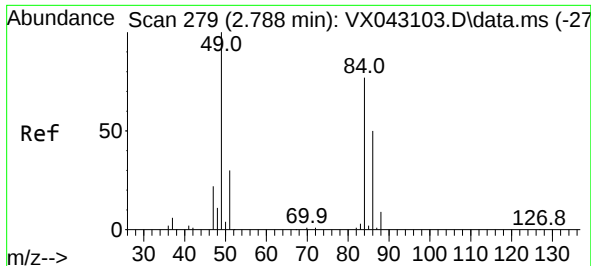
Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 358.2 55.8 83.6#



#16
Acetone
Concen: 2.728 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

Tgt Ion: 43 Resp: 1960
Ion Ratio Lower Upper
43 100
58 30.0 22.6 34.0





#20

Methylene Chloride

Concen: 0.355 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

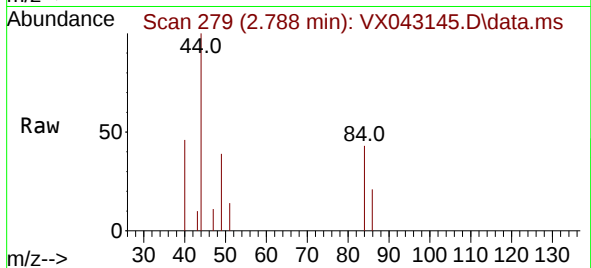
Lab File: VX043145.D

Acq: 25 Sep 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 406

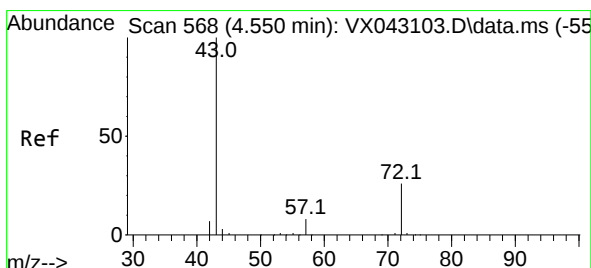
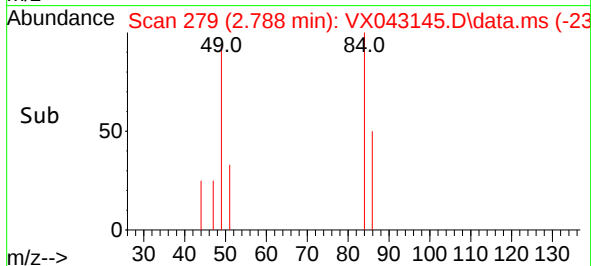
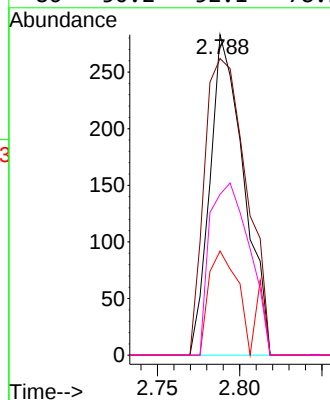
Ion Ratio Lower Upper

84 100

49 92.6 104.1 156.1#

51 32.5 31.1 46.7

86 50.2 52.1 78.1#



#25

2-Butanone

Concen: 2.183 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.018 min

Lab File: VX043145.D

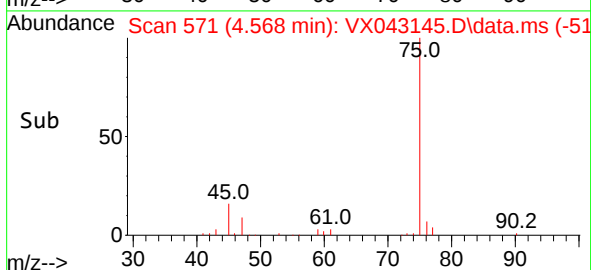
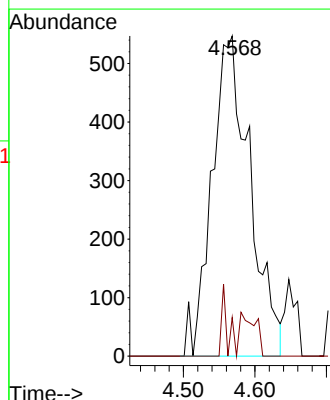
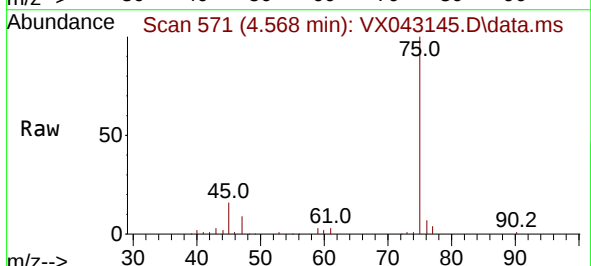
Acq: 25 Sep 2024 12:06

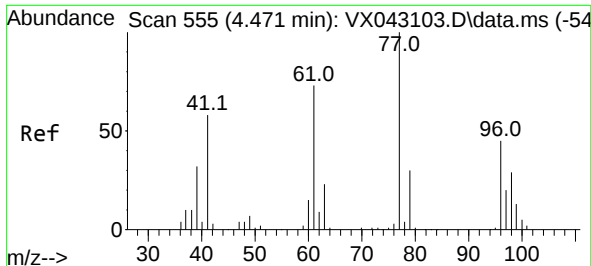
Tgt Ion: 43 Resp: 2022

Ion Ratio Lower Upper

43 100

72 12.1 20.7 31.1#





#26

2,2-Dichloropropane

Concen: 1.235 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.097 min

Lab File: VX043145.D

Acq: 25 Sep 2024 12:06

Instrument :

MSVOA_X

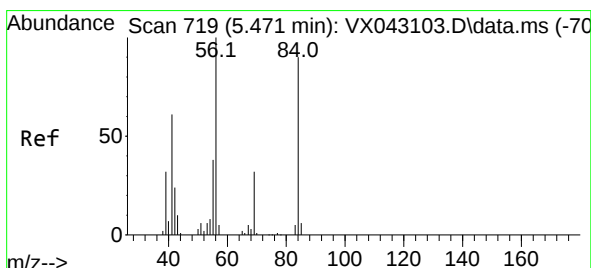
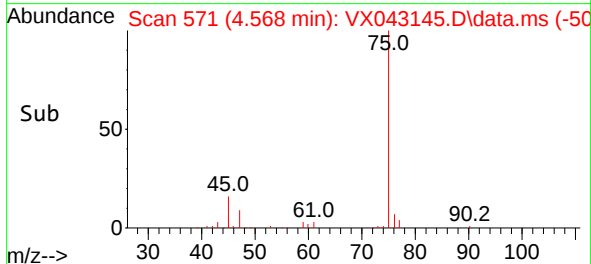
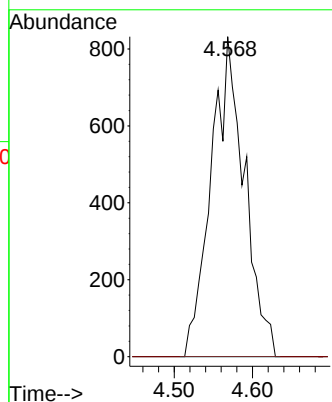
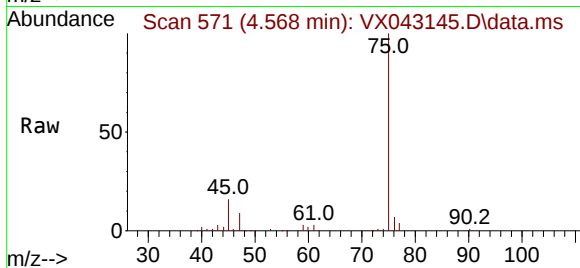
ClientSampleId :

Tgt Ion: 77 Resp: 2463

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#31

Cyclohexane

Concen: 1.564 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX043145.D

Acq: 25 Sep 2024 12:06

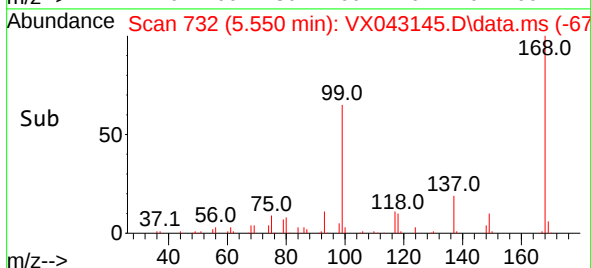
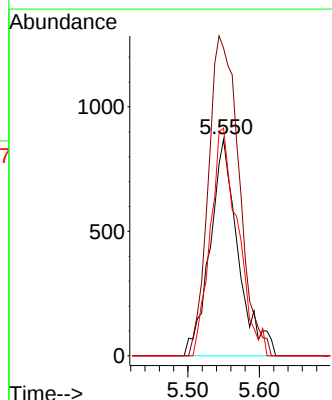
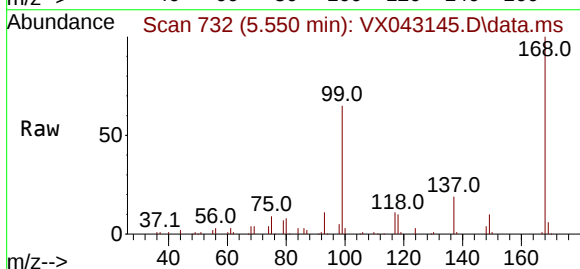
Tgt Ion: 56 Resp: 2363

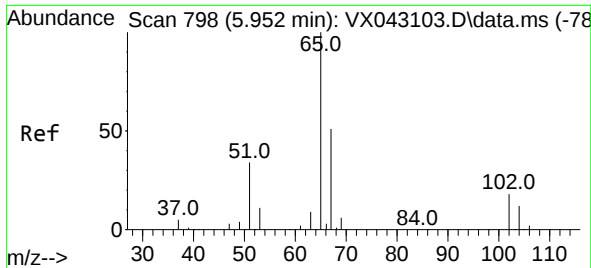
Ion Ratio Lower Upper

56 100

69 142.1 25.8 38.6#

84 105.2 72.4 108.6





#33

1,2-Dichloroethane-d4

Concen: 53.184 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043145.D

Acq: 25 Sep 2024 12:06

Instrument :

MSVOA_X

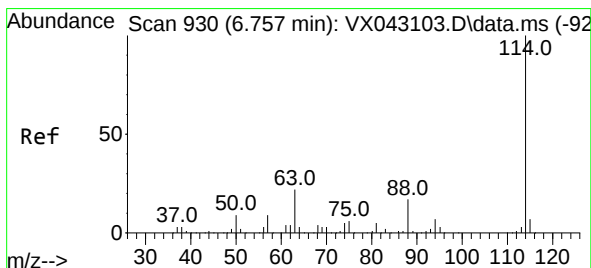
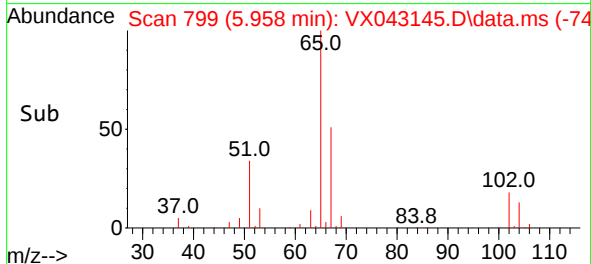
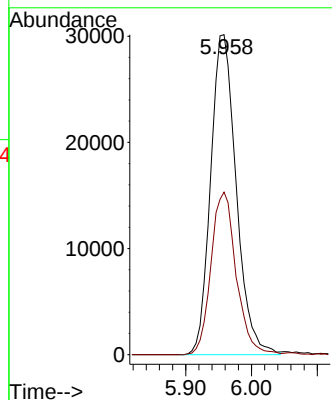
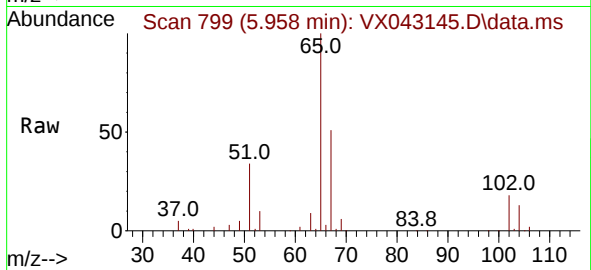
ClientSampleId :

Tgt Ion: 65 Resp: 81700

Ion Ratio Lower Upper

65 100

67 49.9 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX043145.D

Acq: 25 Sep 2024 12:06

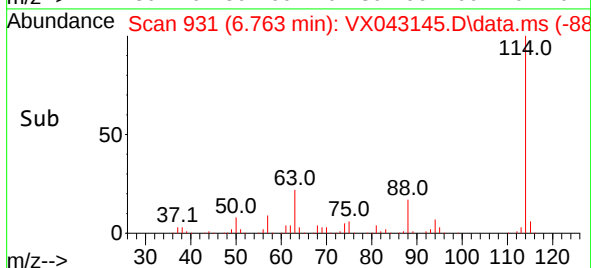
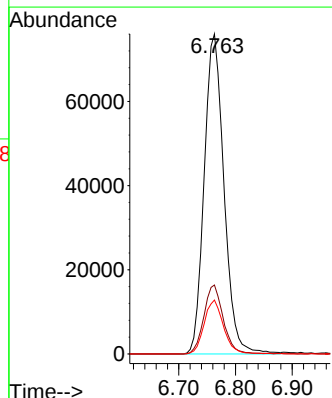
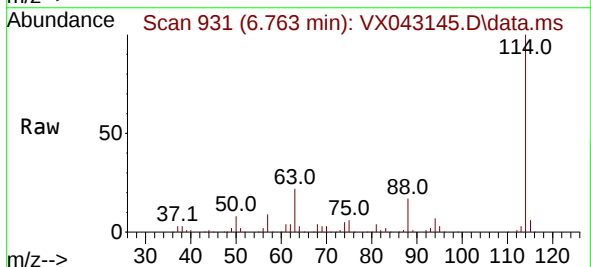
Tgt Ion: 114 Resp: 184305

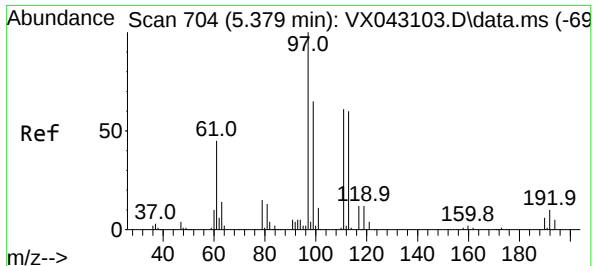
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

88 16.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.238 ug/l

RT: 5.391 min Scan# 704

Delta R.T. 0.012 min

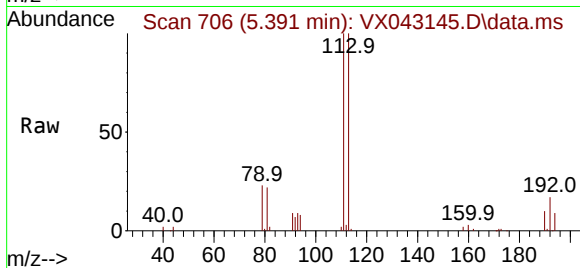
Lab File: VX043145.D

Acq: 25 Sep 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :



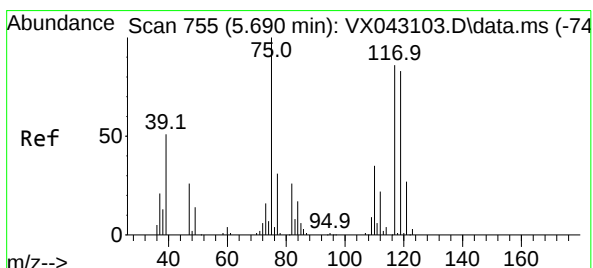
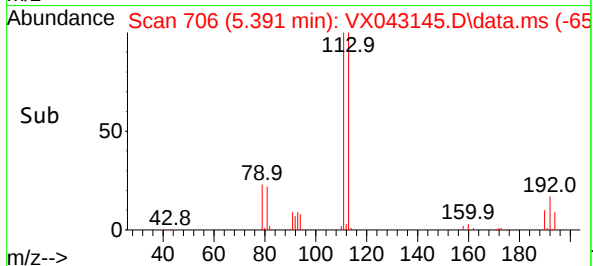
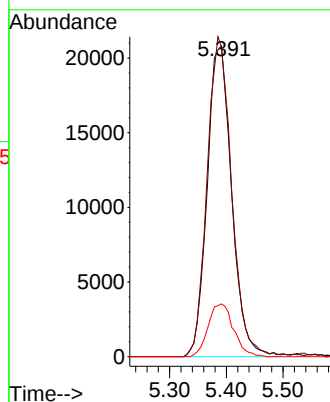
Tgt Ion:113 Resp: 62717

Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 17.5 14.6 22.0



#36

1,1-Dichloropropene

Concen: 5.217 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX043145.D

Acq: 25 Sep 2024 12:06

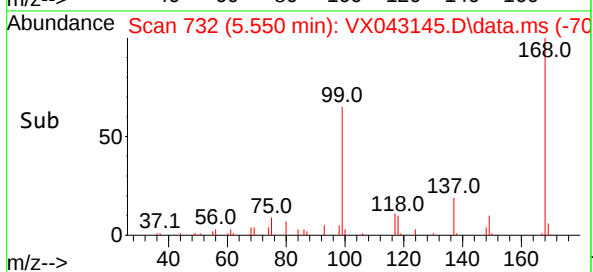
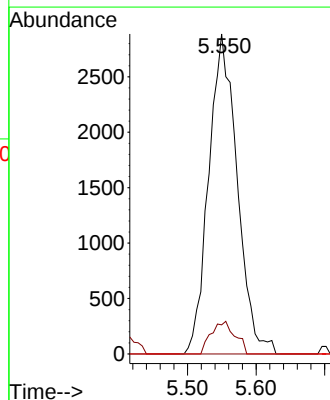
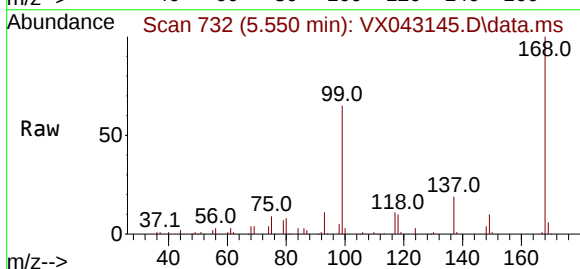
Tgt Ion: 75 Resp: 8334

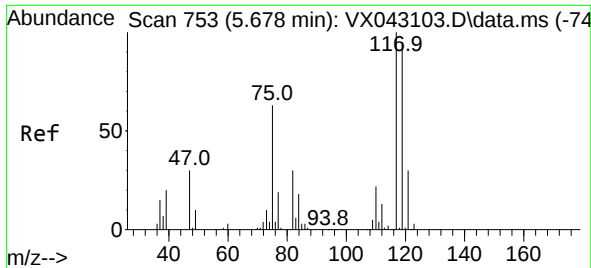
Ion Ratio Lower Upper

75 100

110 8.5 17.8 53.4#

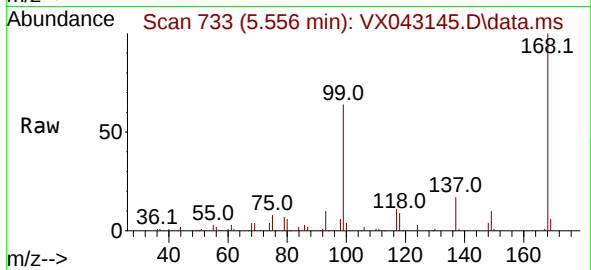
77 0.0 25.2 37.8#



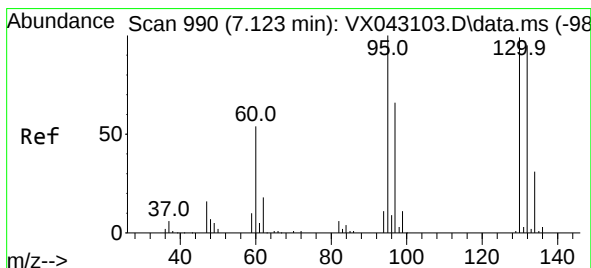
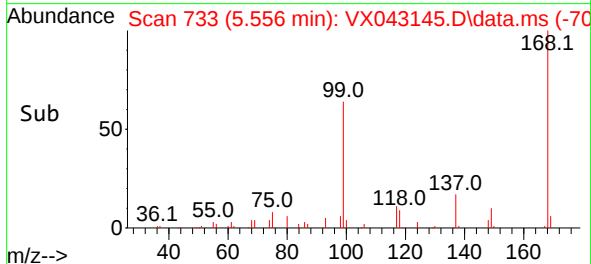
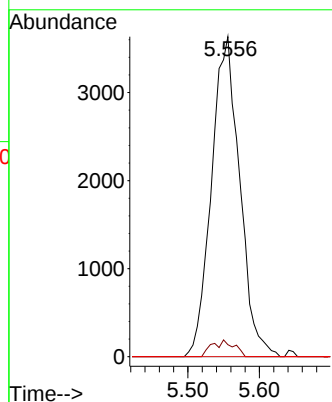


#38
Carbon Tetrachloride
Concen: 4.846 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

Instrument :
MSVOA_X
ClientSampleId :

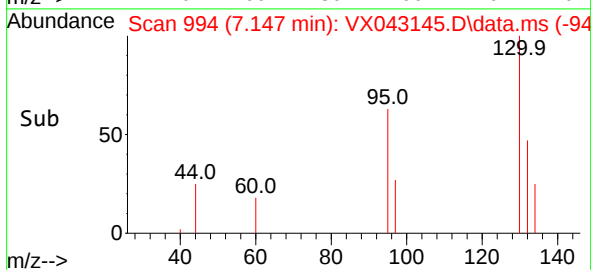
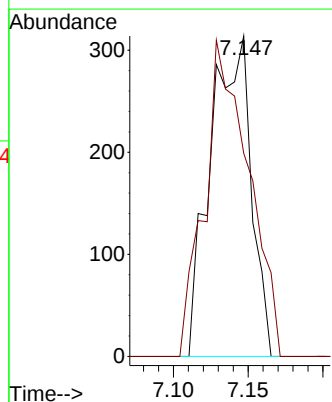
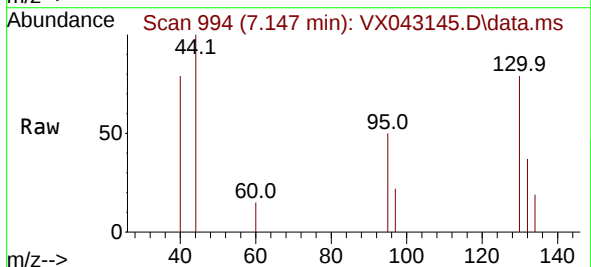


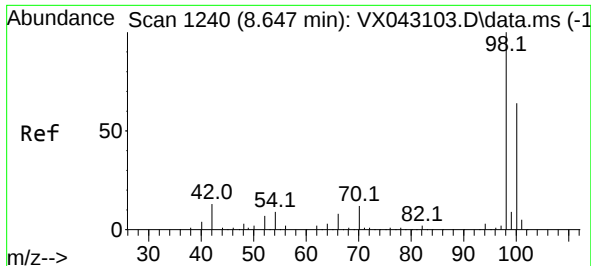
Tgt Ion:117 Resp: 9972
Ion Ratio Lower Upper
117 100
119 3.7 75.5 113.3#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.461 ug/l
RT: 7.147 min Scan# 994
Delta R.T. 0.024 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

Tgt Ion:130 Resp: 594
Ion Ratio Lower Upper
130 100
95 63.4 0.0 201.6

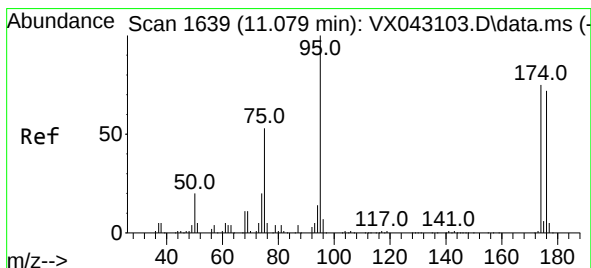
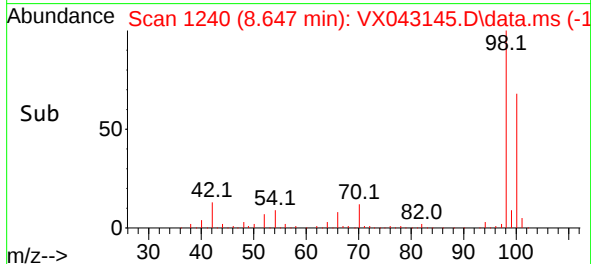
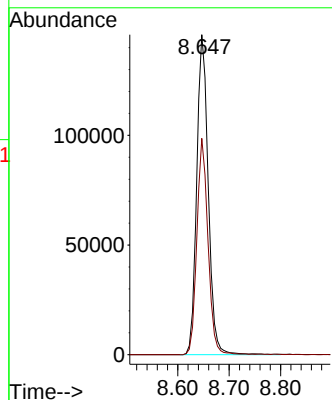
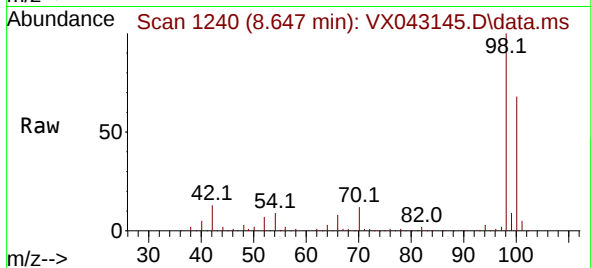




#50
Toluene-d8
Concen: 51.728 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

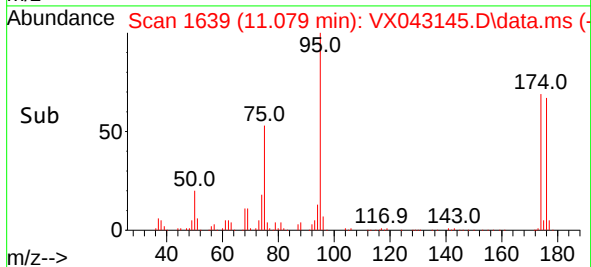
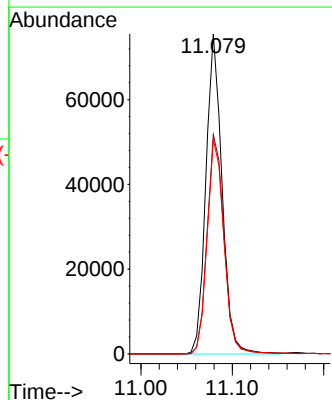
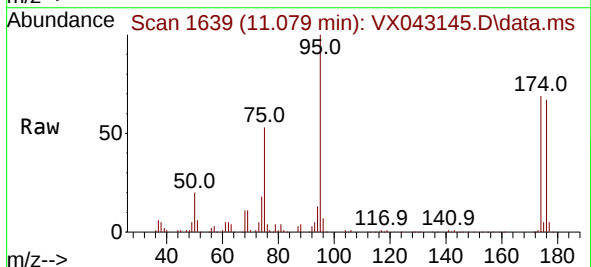
Instrument :
MSVOA_X
ClientSampleId :

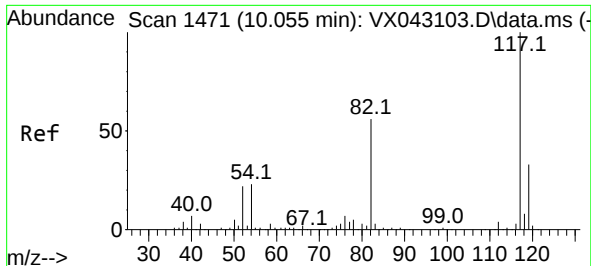
Tgt Ion: 98 Resp: 227536
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.313 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

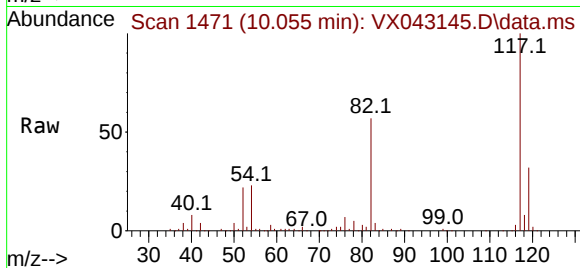
Tgt Ion: 95 Resp: 92667
Ion Ratio Lower Upper
95 100
174 72.1 0.0 146.0
176 69.6 0.0 142.6



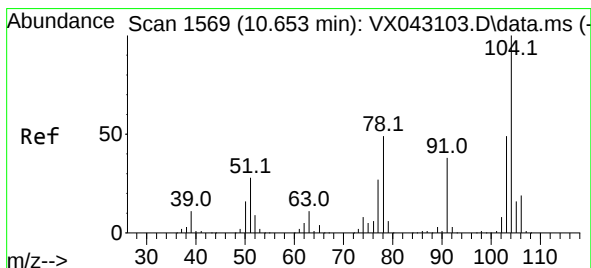
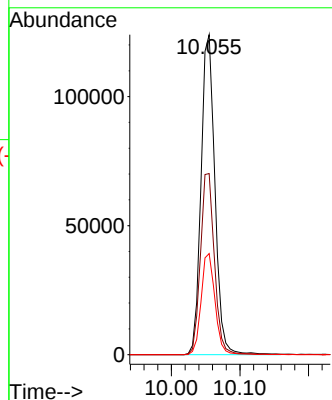
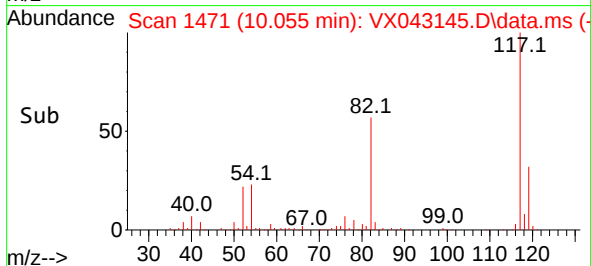


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

Instrument :
MSVOA_X
ClientSampleId :

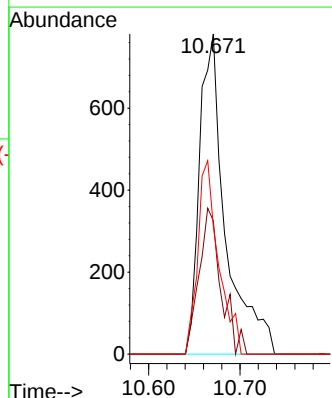
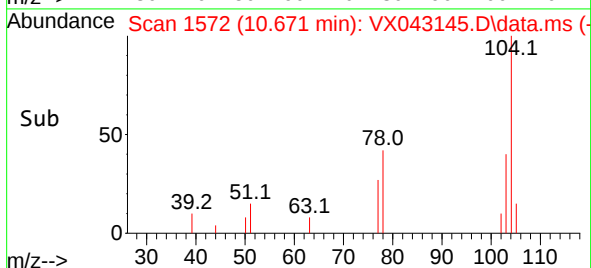
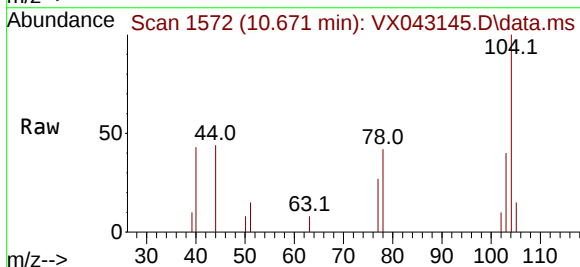


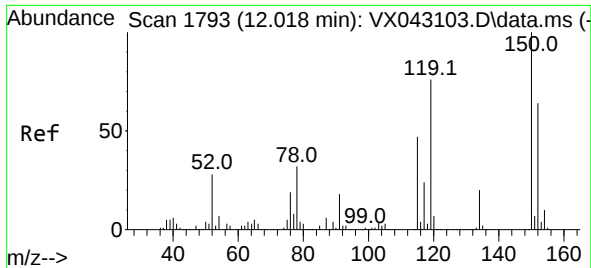
Tgt Ion:117 Resp: 175308
Ion Ratio Lower Upper
117 100
82 56.6 44.7 67.1
119 31.6 26.3 39.5



#70
Styrene
Concen: 0.379 ug/l
RT: 10.671 min Scan# 1572
Delta R.T. 0.018 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

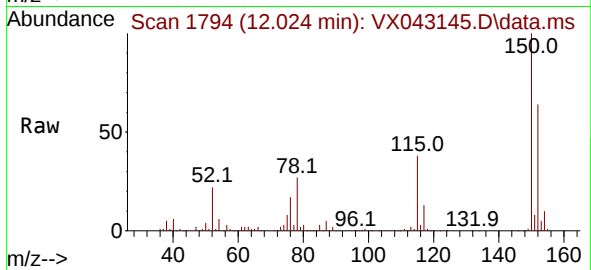
Tgt Ion:104 Resp: 1544
Ion Ratio Lower Upper
104 100
78 38.7 44.3 66.5#
103 48.4 43.4 65.0



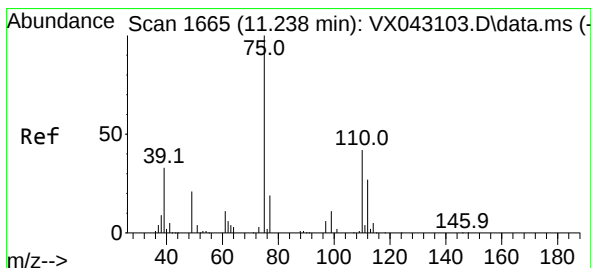
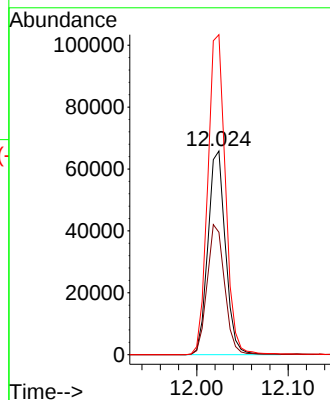
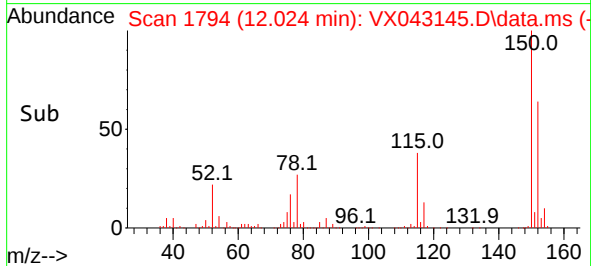


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

Instrument :
MSVOA_X
ClientSampleId :

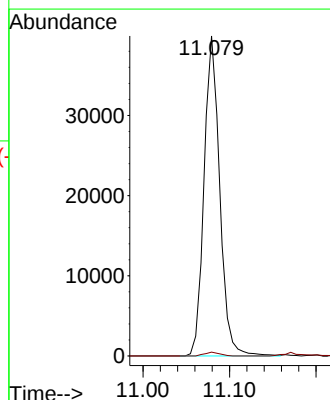
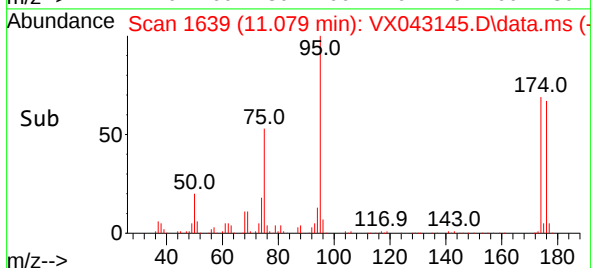
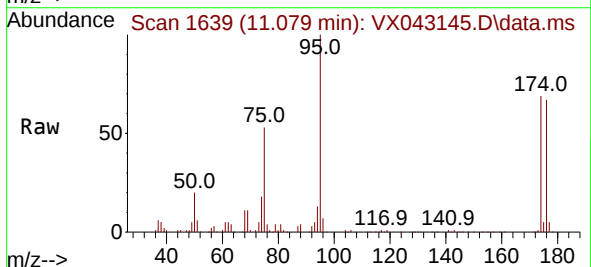


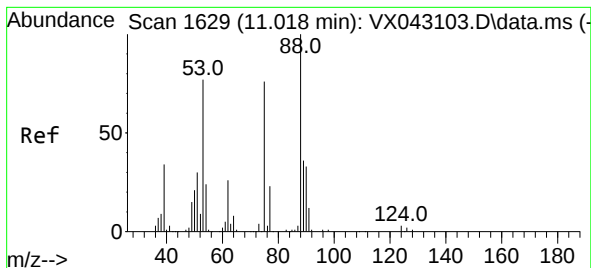
Tgt Ion:152 Resp: 87594
Ion Ratio Lower Upper
152 100
115 63.9 43.7 131.1
150 159.1 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 26.994 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

Tgt Ion: 75 Resp: 50271
Ion Ratio Lower Upper
75 100
77 1.1 21.9 65.7#

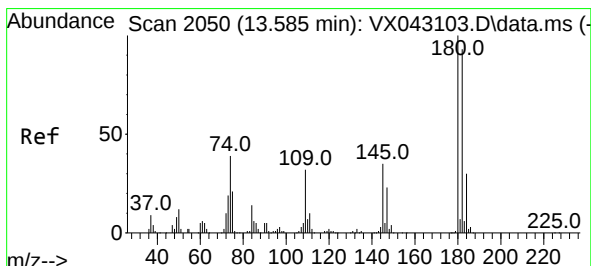
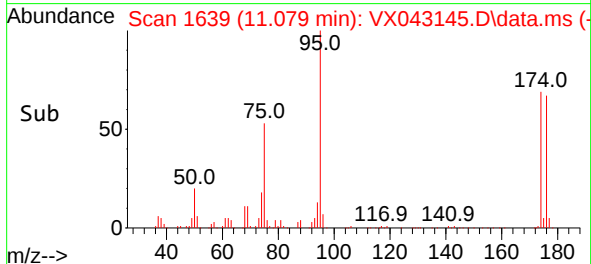
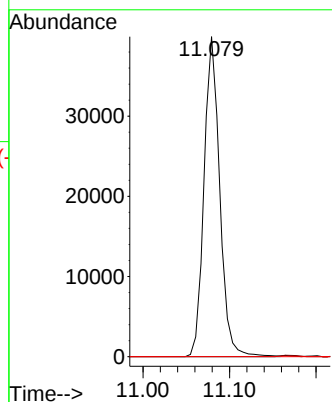
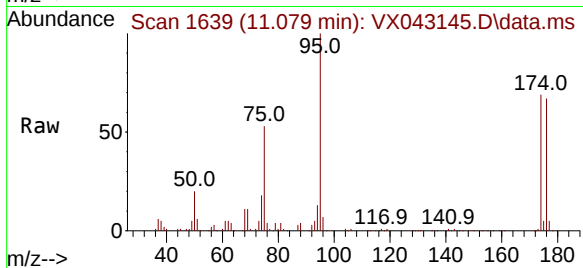




#81
trans-1,4-Dichloro-2-butene
Concen: 64.315 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

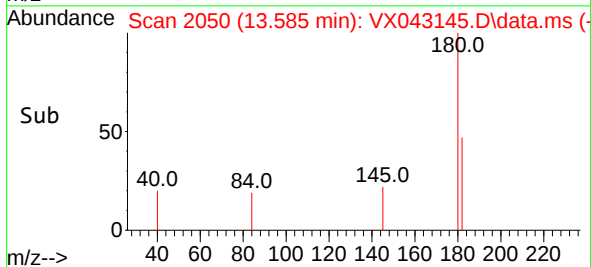
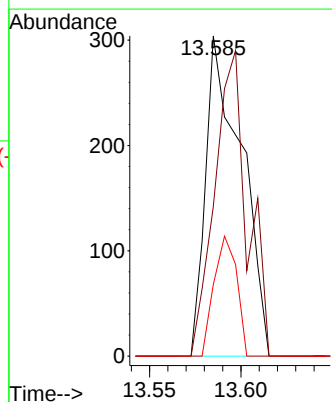
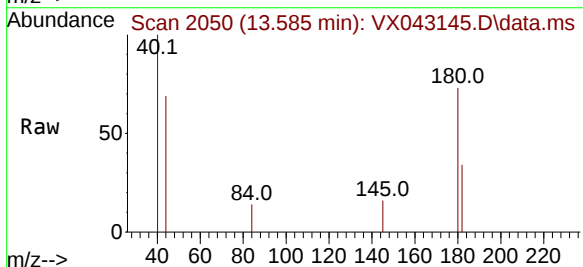
Instrument :
MSVOA_X
ClientSampleId :

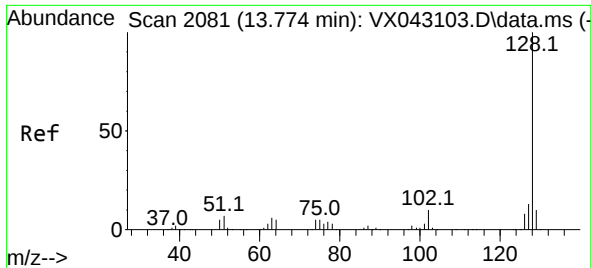
Tgt Ion: 75 Resp: 50271
Ion Ratio Lower Upper
75 100
53 0.0 85.4 128.2#
89 0.0 38.8 58.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.235 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

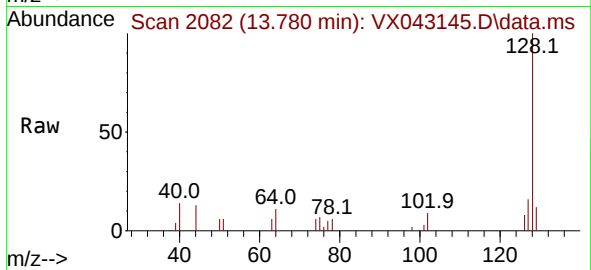
Tgt Ion: 180 Resp: 413
Ion Ratio Lower Upper
180 100
182 86.9 46.7 140.0
145 23.7 17.0 50.9





#95
Naphthalene
Concen: 0.590 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX043145.D
Acq: 25 Sep 2024 12:06

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	3600
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.2	15.4
129	11.4	8.6	13.0

