

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045541.D
 Acq On : 02 Apr 2025 12:54
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 03 01:50:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

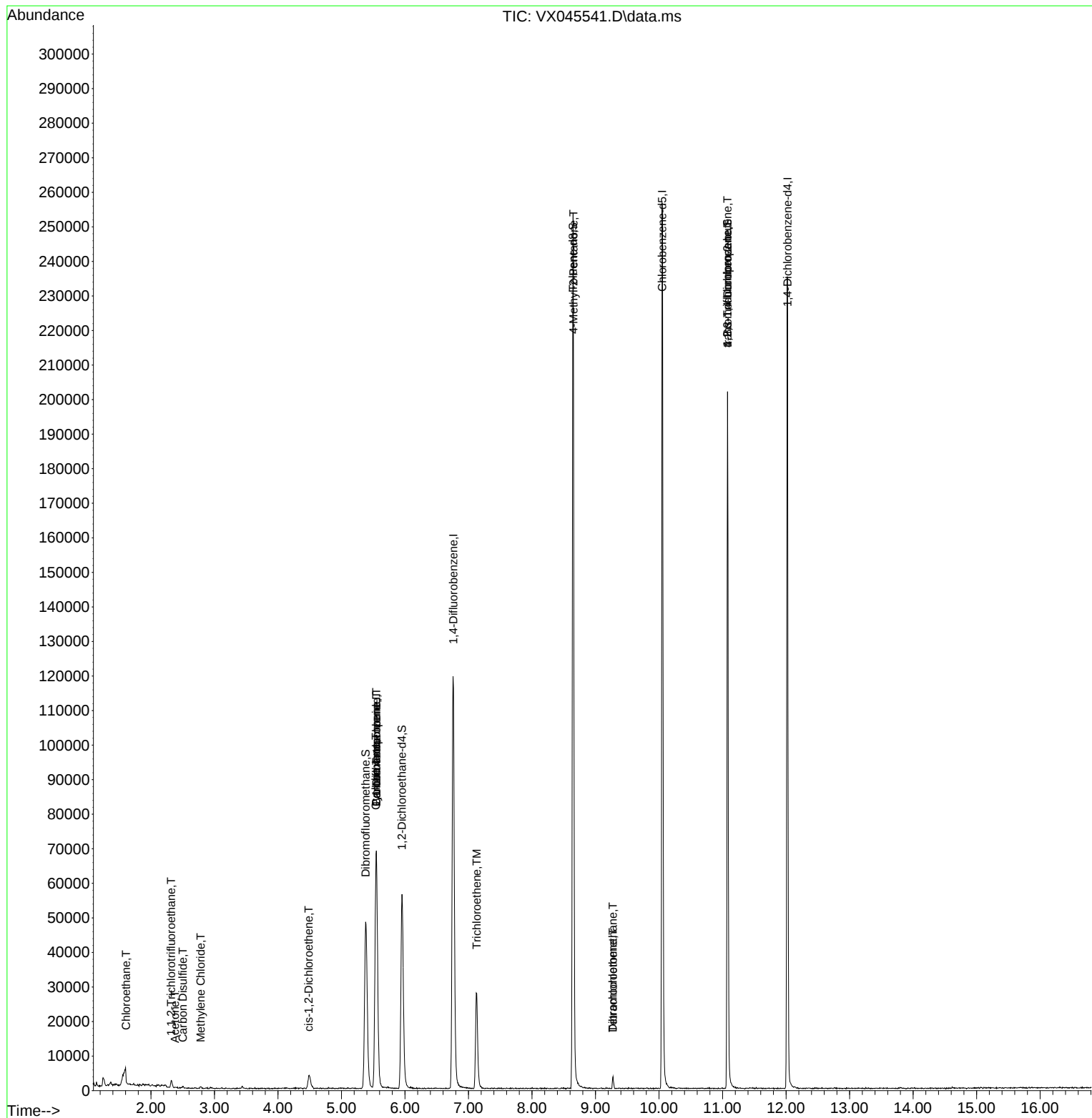
Internal Standards						
1) Pentafluorobenzene	5.550	168	60623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	115336	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	107722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56799	51.233	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.460%			
35) Dibromofluoromethane	5.379	113	42052	51.389	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.780%			
50) Toluene-d8	8.647	98	145187	50.832	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.660%			
62) 4-Bromofluorobenzene	11.079	95	51819	49.808	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.620%			
Target Compounds					Qvalue	
6) Chloroethane	1.605	64	125	0.276	ug/l #	42
9) 1,1,2-Trichlorotrifluo...	2.319	101	1010	1.356	ug/l #	82
16) Acetone	2.380	43	226	0.496	ug/l #	47
17) Carbon Disulfide	2.502	76	494	0.275	ug/l #	76
20) Methylene Chloride	2.782	84	219	0.257	ug/l #	56
27) cis-1,2-Dichloroethene	4.483	96	2647	2.922	ug/l	88
31) Cyclohexane	5.544	56	1771	1.302	ug/l #	50
36) 1,1-Dichloropropene	5.550	75	5717	5.174	ug/l #	51
38) Carbon Tetrachloride	5.550	117	6852	5.738	ug/l #	16
44) Trichloroethene	7.129	130	10757	13.412	ug/l	97
51) 4-Methyl-2-Pentanone	8.653	43	873	0.624	ug/l #	1
60) Dibromochloromethane	9.275	129	666	0.751	ug/l #	10
64) Tetrachloroethene	9.275	164	563	0.740	ug/l #	84
76) 1,2,3-Trichloropropane	11.079	75	29393	27.277	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	29393	92.574	ug/l #	1

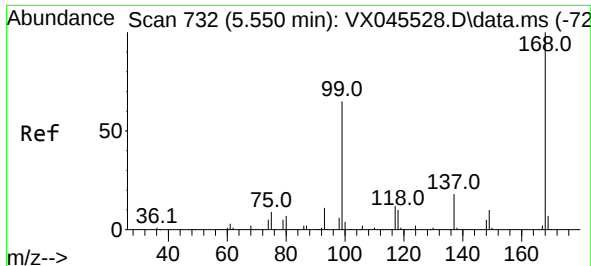
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045541.D
Acq On : 02 Apr 2025 12:54
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Apr 03 01:50:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

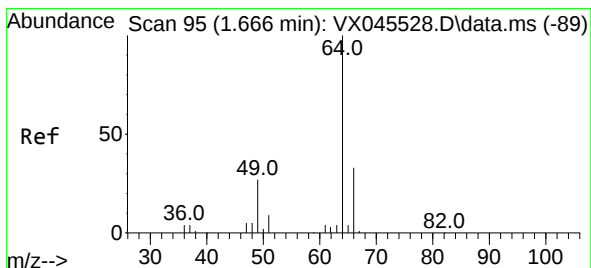
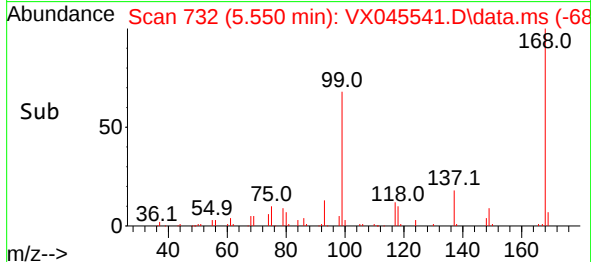
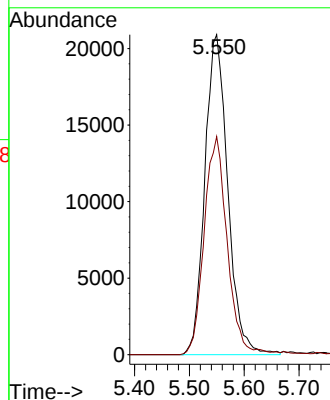
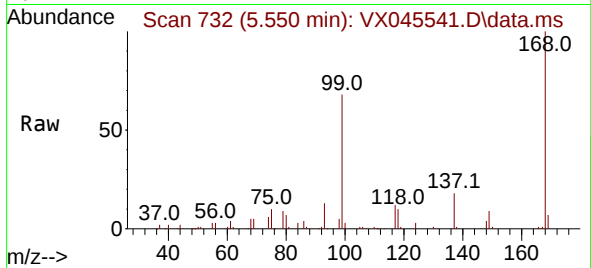




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045541.D
Acq: 02 Apr 2025 12:54

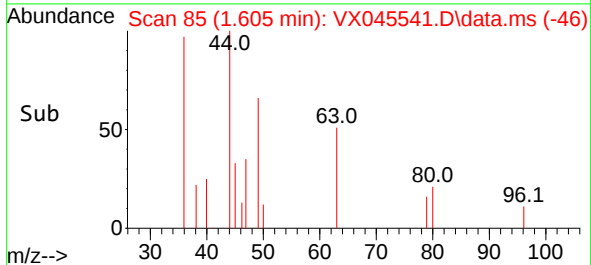
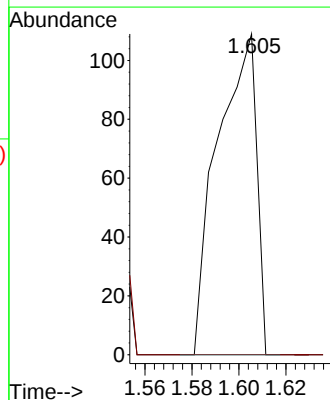
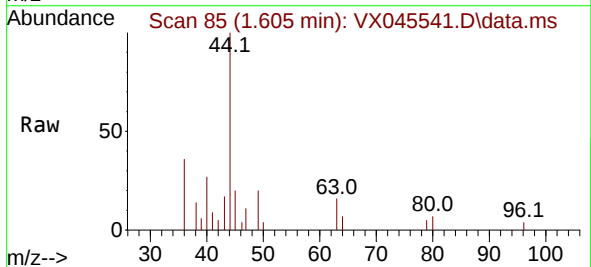
Instrument :
MSVOA_X
ClientSampleId :
IBLK

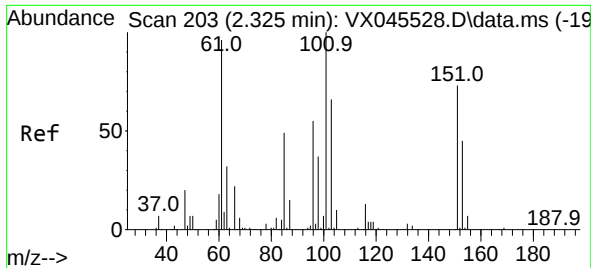
Tgt Ion:168 Resp: 60623
Ion Ratio Lower Upper
168 100
99 68.2 52.3 78.5



#6
Chloroethane
Concen: 0.276 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.061 min
Lab File: VX045541.D
Acq: 02 Apr 2025 12:54

Tgt Ion: 64 Resp: 125
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5

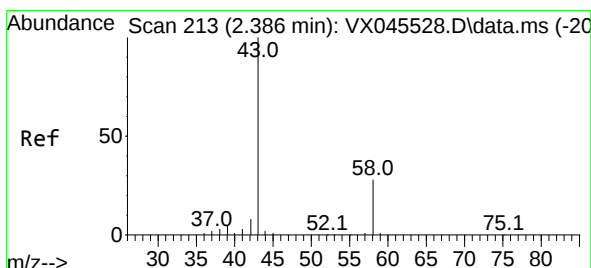
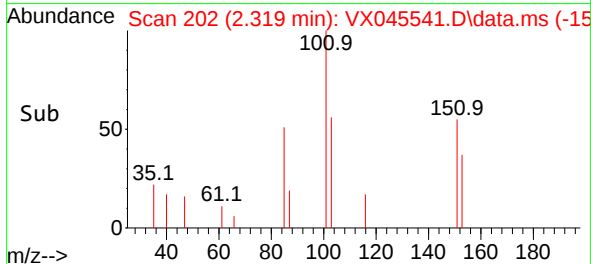
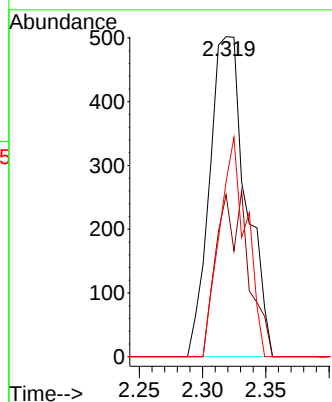
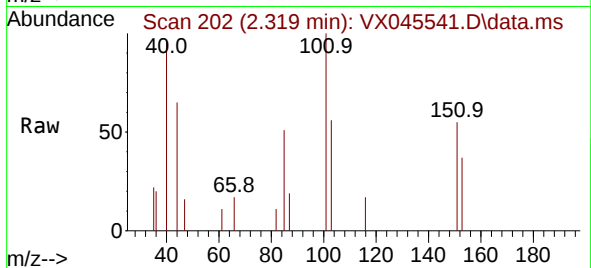




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.356 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045541.D
Acq: 02 Apr 2025 12:54

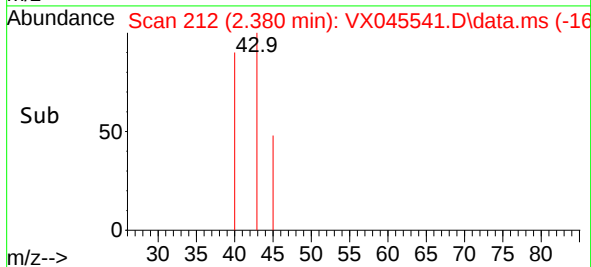
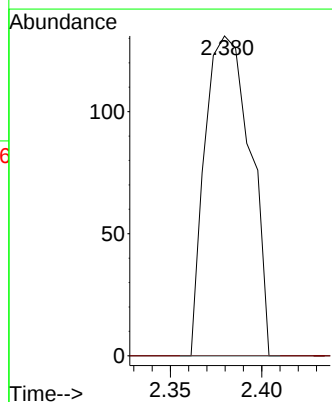
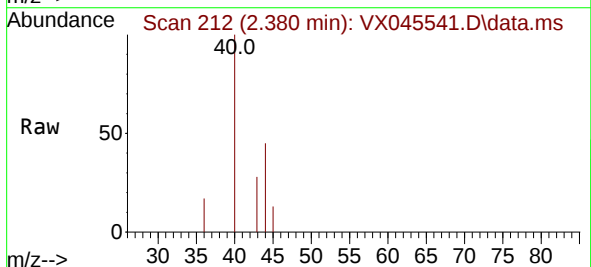
Instrument :
MSVOA_X
ClientSampleId :
IBLK

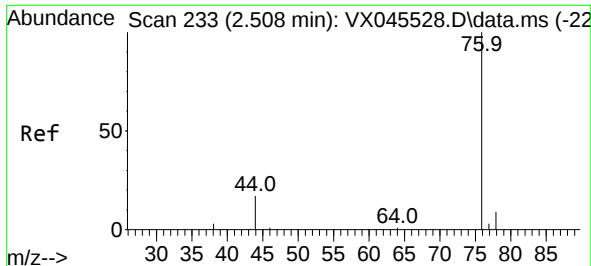
Tgt Ion:101 Resp: 1010
Ion Ratio Lower Upper
101 100
85 44.6 38.9 58.3
151 50.6 57.5 86.3#



#16
Acetone
Concen: 0.496 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045541.D
Acq: 02 Apr 2025 12:54

Tgt Ion: 43 Resp: 226
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#





#17

Carbon Disulfide

Concen: 0.275 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045541.D

Acq: 02 Apr 2025 12:54

Instrument :

MSVOA_X

ClientSampleId :

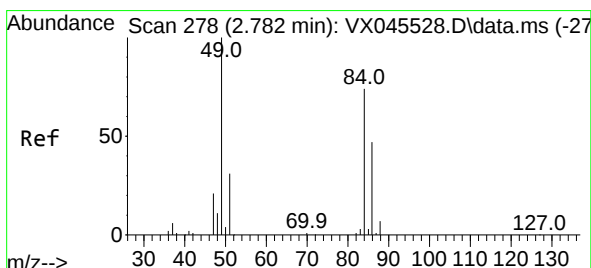
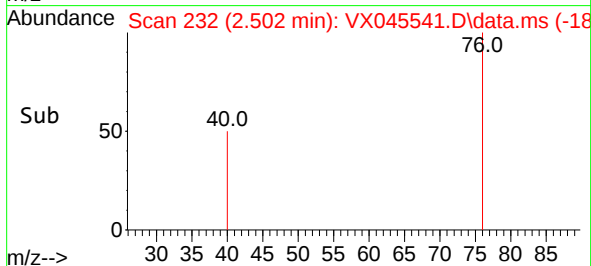
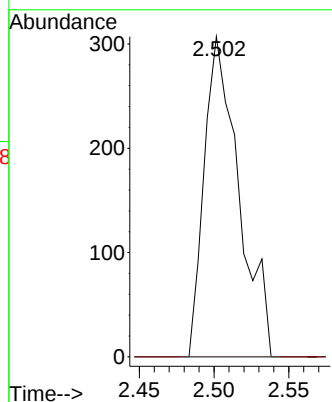
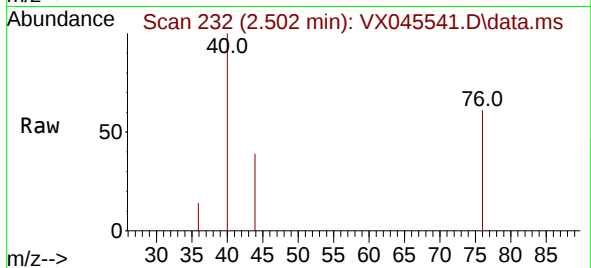
IBLK

Tgt Ion: 76 Resp: 494

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.257 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX045541.D

Acq: 02 Apr 2025 12:54

Tgt Ion: 84 Resp: 219

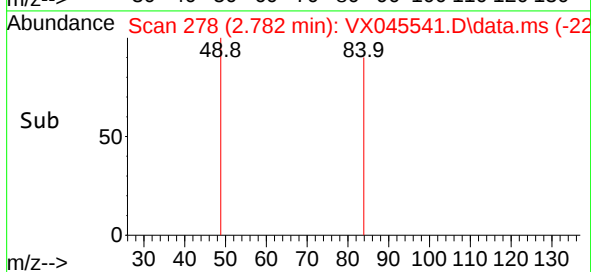
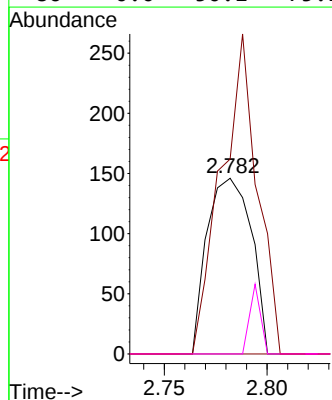
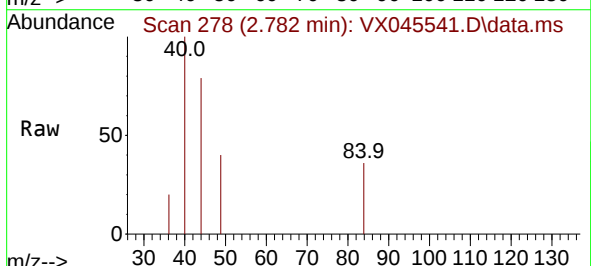
Ion Ratio Lower Upper

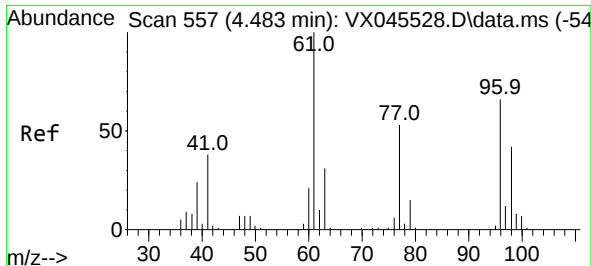
84 100

49 111.0 107.5 161.3

51 0.0 33.0 49.6#

86 0.0 50.1 75.1#





#27

cis-1,2-Dichloroethene

Concen: 2.922 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX045541.D

Acq: 02 Apr 2025 12:54

Instrument :

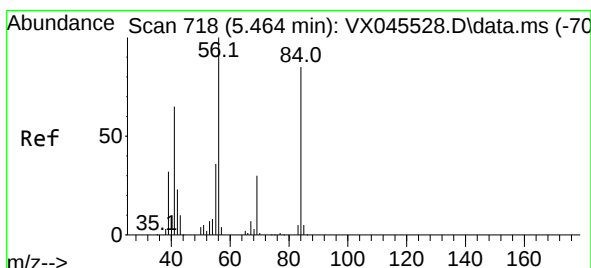
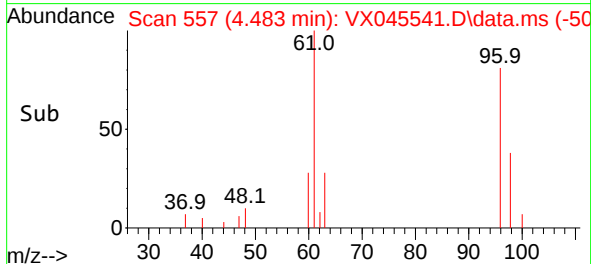
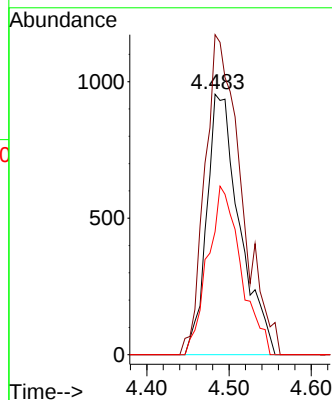
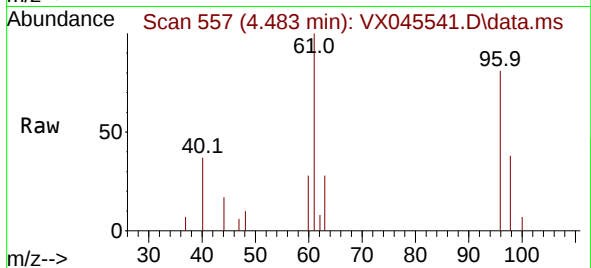
MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 96 Resp: 2647

Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	313.2
98	65.3	0.0	126.4



#31

Cyclohexane

Concen: 1.302 ug/l

RT: 5.544 min Scan# 731

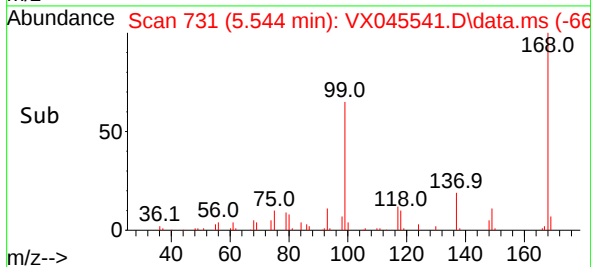
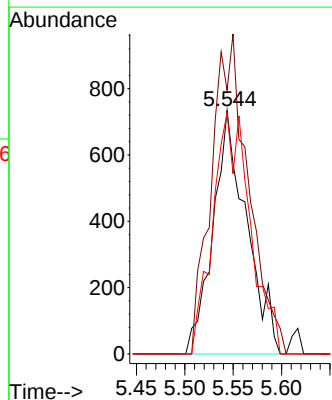
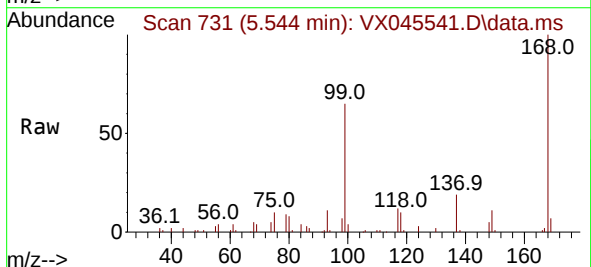
Delta R.T. 0.079 min

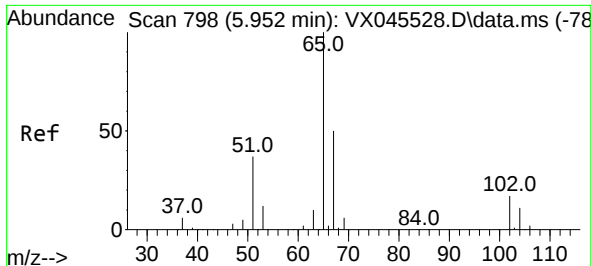
Lab File: VX045541.D

Acq: 02 Apr 2025 12:54

Tgt Ion: 56 Resp: 1771

Ion	Ratio	Lower	Upper
56	100		
69	108.3	23.6	35.4#
84	99.0	67.7	101.5





#33

1,2-Dichloroethane-d4

Concen: 51.233 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045541.D

Acq: 02 Apr 2025 12:54

Instrument :

MSVOA_X

ClientSampleId :

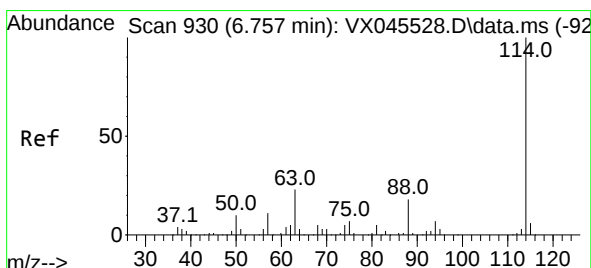
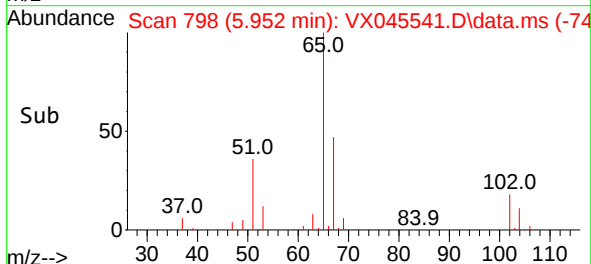
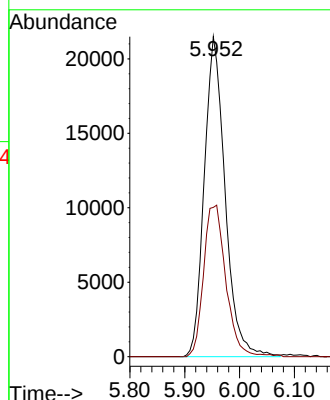
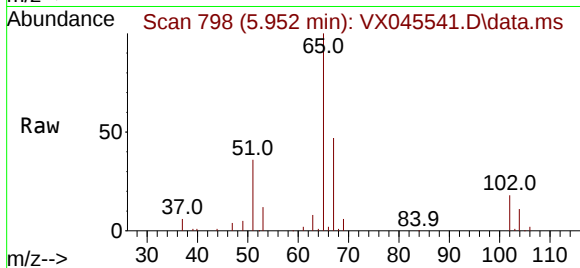
IBLK

Tgt Ion: 65 Resp: 56799

Ion Ratio Lower Upper

65 100

67 50.5 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: VX045541.D

Acq: 02 Apr 2025 12:54

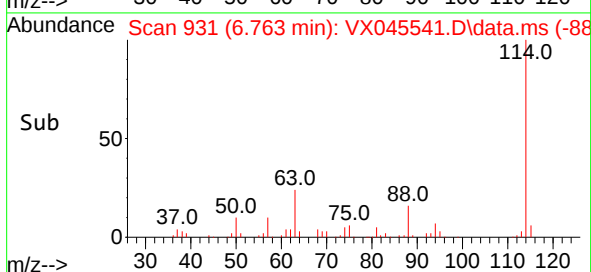
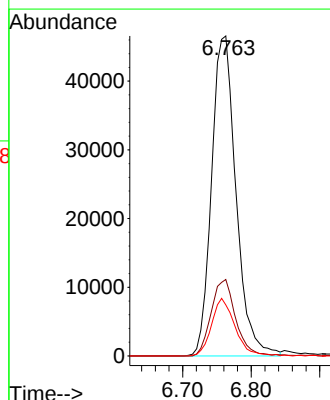
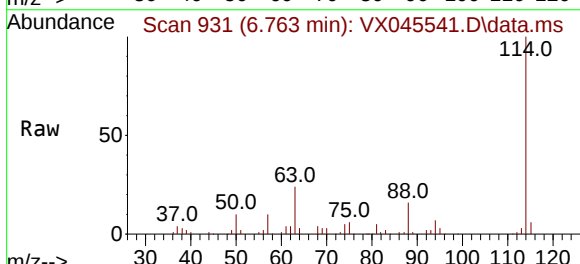
Tgt Ion: 114 Resp: 115336

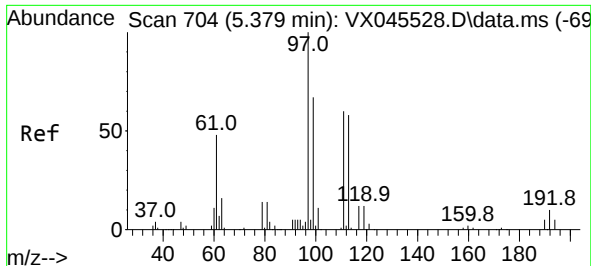
Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.8

88 15.9 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.389 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045541.D

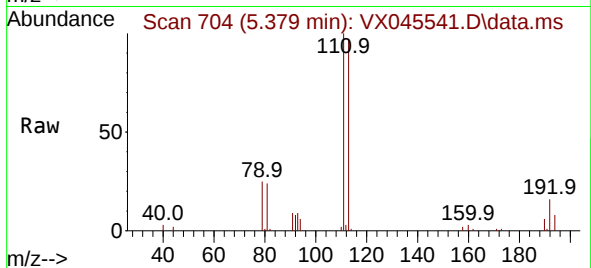
Acq: 02 Apr 2025 12:54

Instrument :

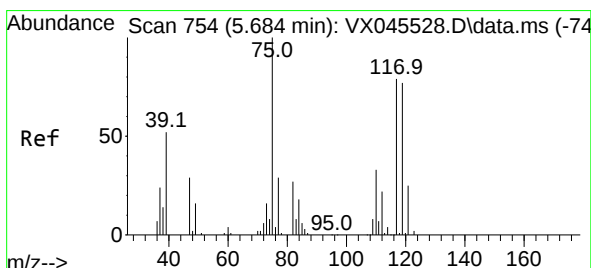
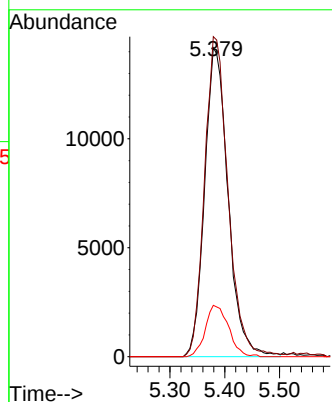
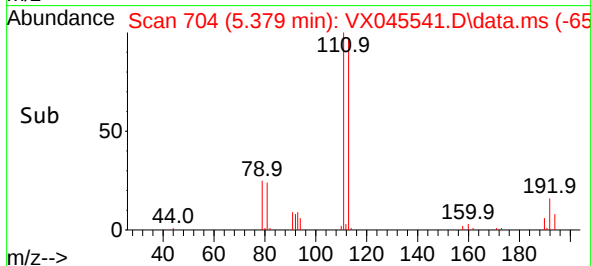
MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:	113	Resp:	42052
Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.8	122.6
192	16.5	13.8	20.6



#36

1,1-Dichloropropene

Concen: 5.174 ug/l

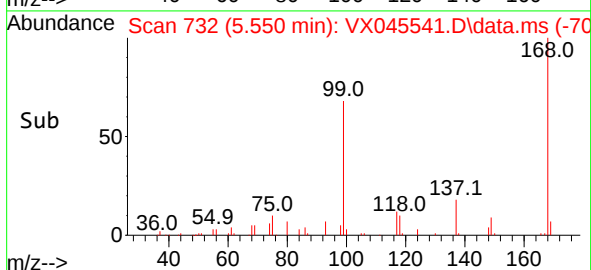
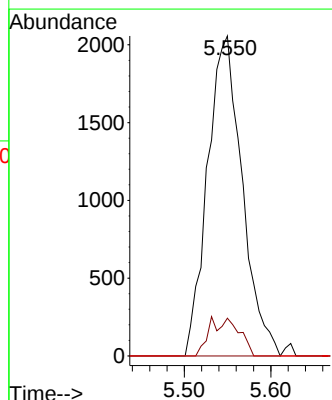
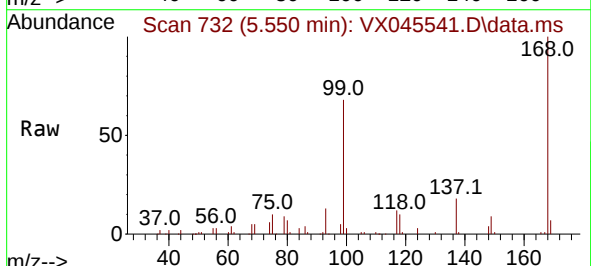
RT: 5.550 min Scan# 732

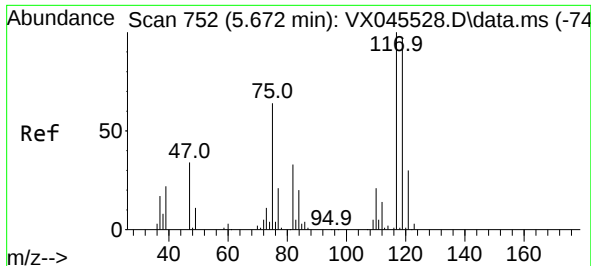
Delta R.T. -0.134 min

Lab File: VX045541.D

Acq: 02 Apr 2025 12:54

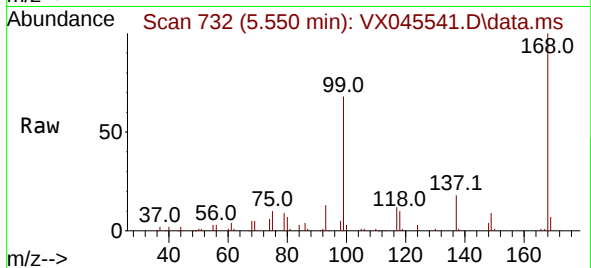
Tgt Ion:	75	Resp:	5717
Ion	Ratio	Lower	Upper
75	100		
110	10.1	16.9	50.6#
77	0.0	25.0	37.4#



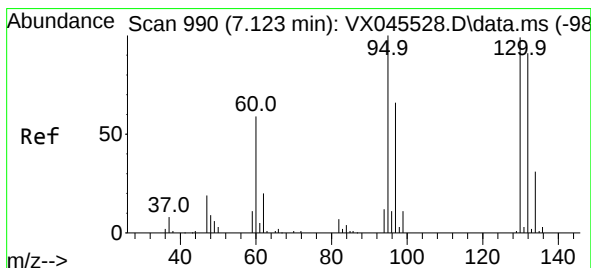
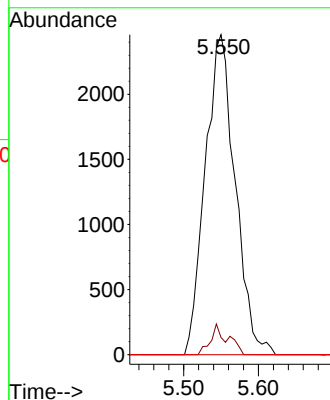
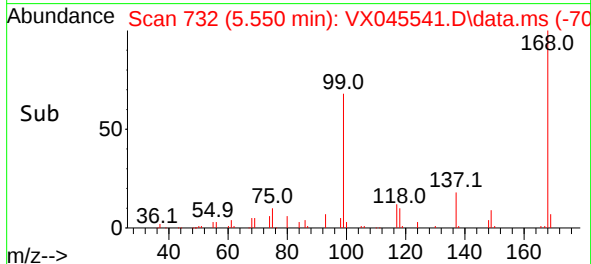


#38
Carbon Tetrachloride
Concen: 5.738 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX045541.D
Acq: 02 Apr 2025 12:54

Instrument :
MSVOA_X
ClientSampleId :
IBLK

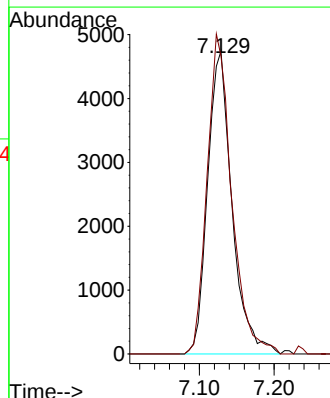
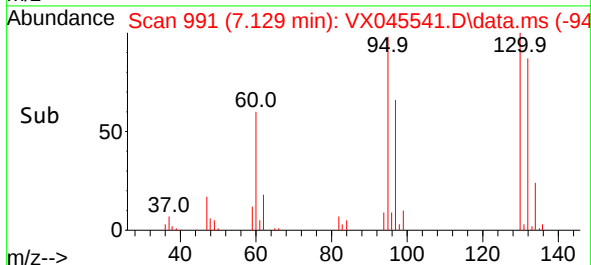
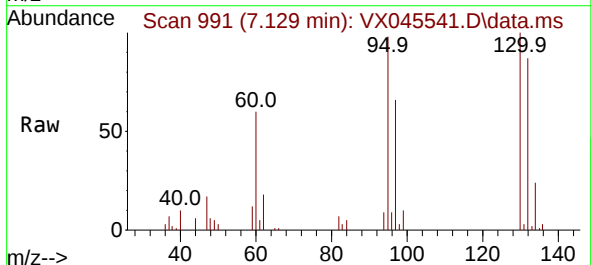


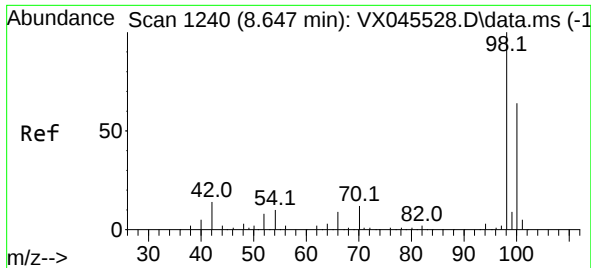
Tgt Ion:117 Resp: 6852
Ion Ratio Lower Upper
117 100
119 5.4 76.9 115.3#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 13.412 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045541.D
Acq: 02 Apr 2025 12:54

Tgt Ion:130 Resp: 10757
Ion Ratio Lower Upper
130 100
95 98.2 0.0 202.0

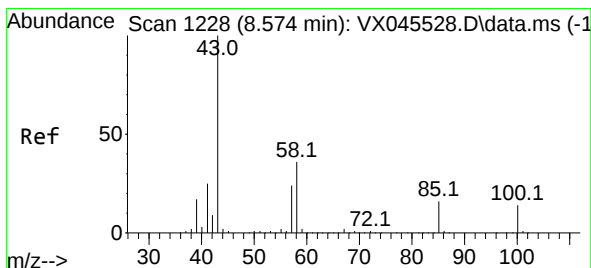
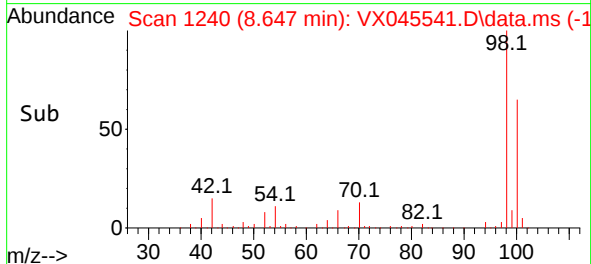
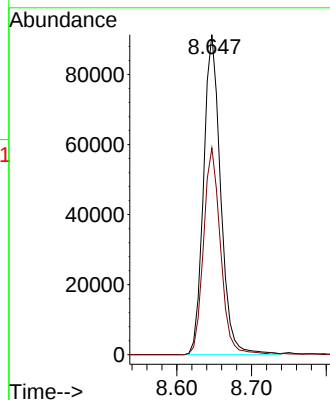
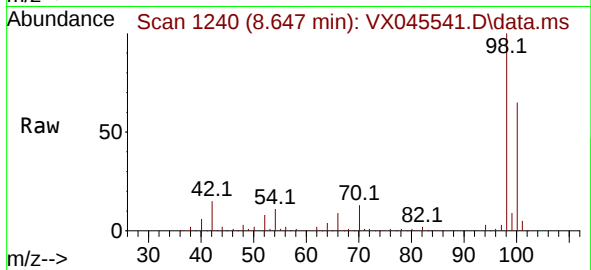




#50
Toluene-d8
Concen: 50.832 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045541.D
Acq: 02 Apr 2025 12:54

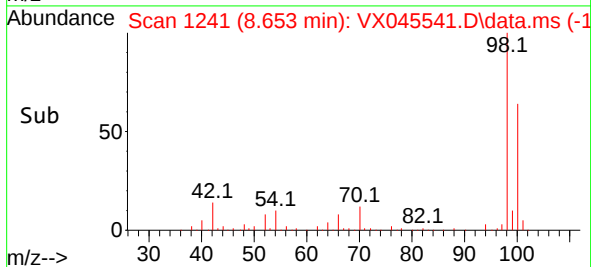
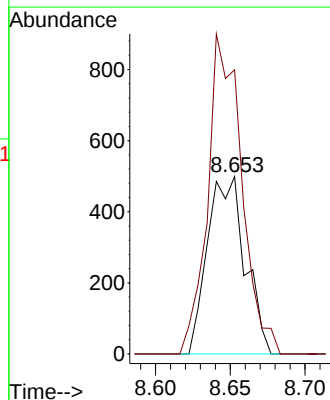
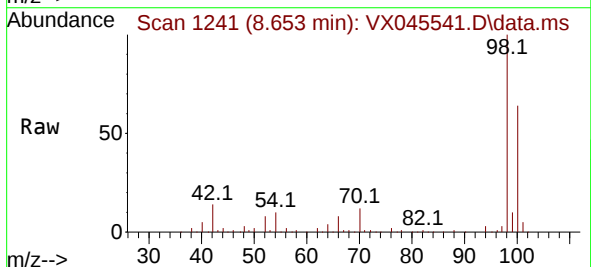
Instrument :
MSVOA_X
ClientSampleId :
IBLK

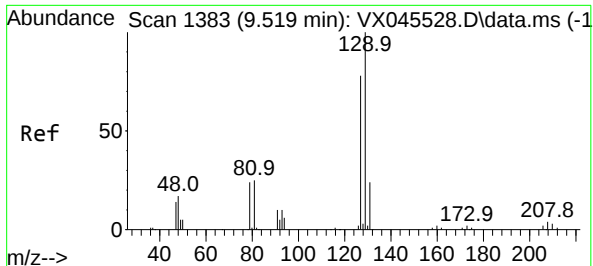
Tgt Ion: 98 Resp: 145187
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.624 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX045541.D
Acq: 02 Apr 2025 12:54

Tgt Ion: 43 Resp: 873
Ion Ratio Lower Upper
43 100
58 162.4 28.5 42.7#

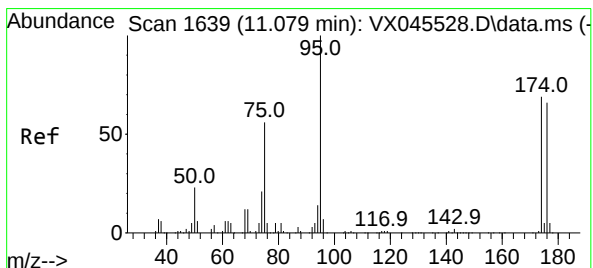
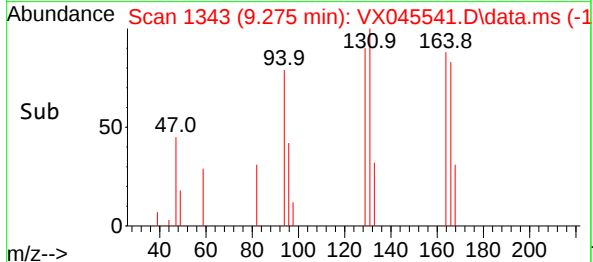
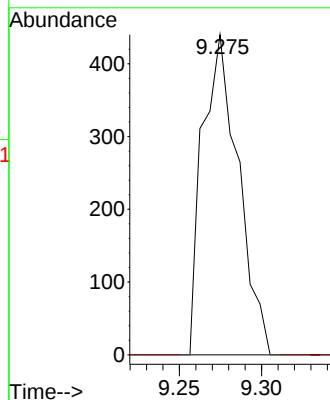
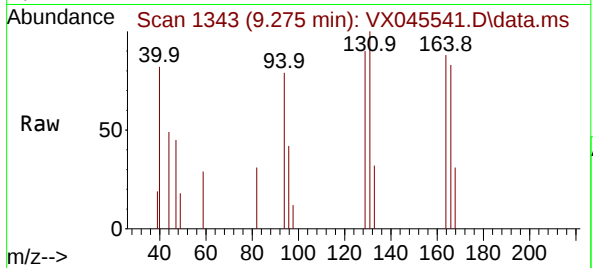




#60
Dibromochloromethane
Concen: 0.751 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX045541.D
Acq: 02 Apr 2025 12:54

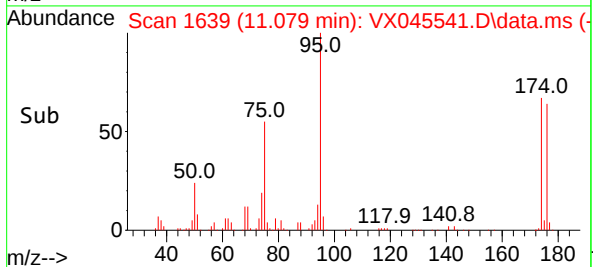
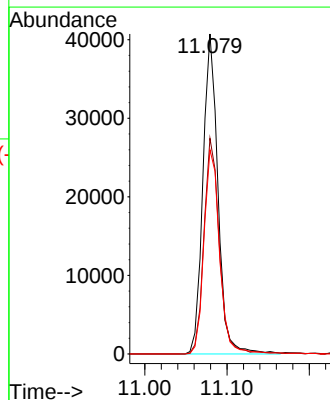
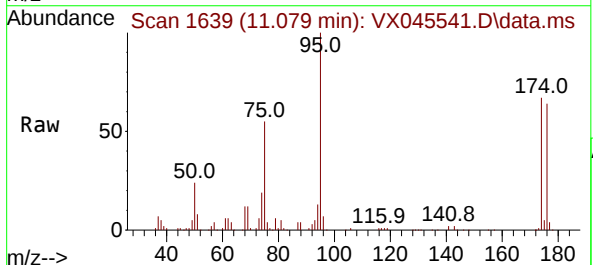
Instrument :
MSVOA_X
ClientSampleId :
IBLK

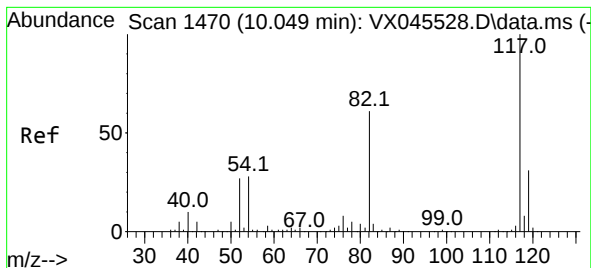
Tgt Ion:129 Resp: 666
Ion Ratio Lower Upper
129 100
127 0.0 39.4 118.2#



#62
4-Bromofluorobenzene
Concen: 49.808 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045541.D
Acq: 02 Apr 2025 12:54

Tgt Ion: 95 Resp: 51819
Ion Ratio Lower Upper
95 100
174 68.9 0.0 135.8
176 66.6 0.0 131.4

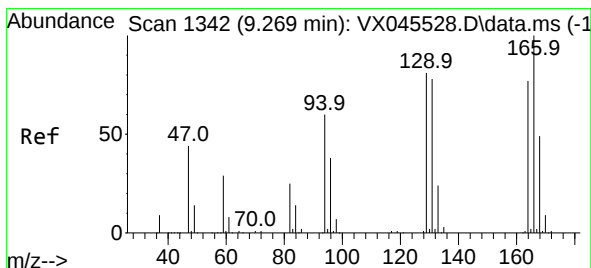
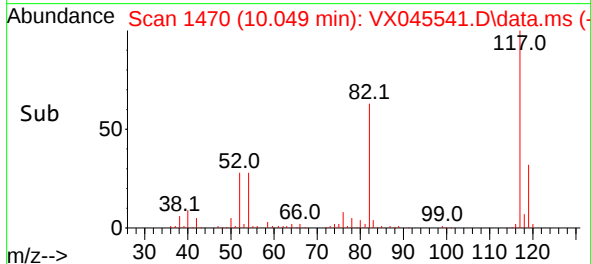
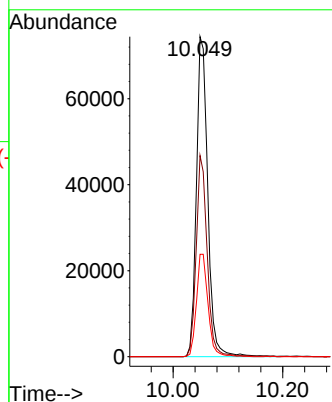
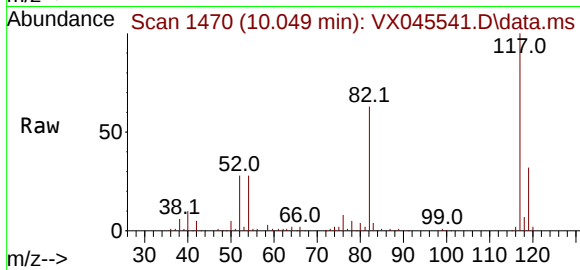




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045541.D
Acq: 02 Apr 2025 12:54

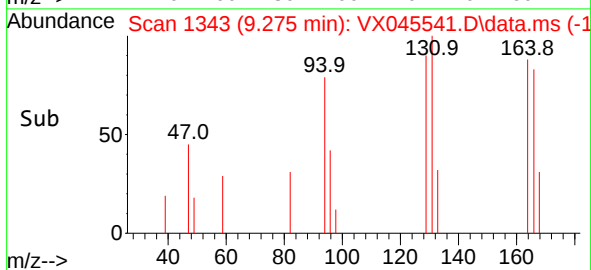
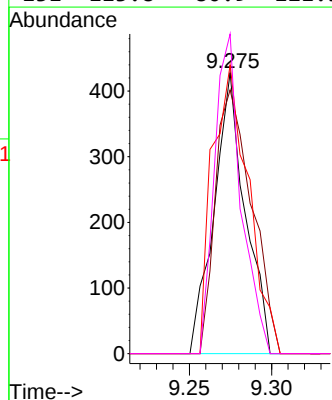
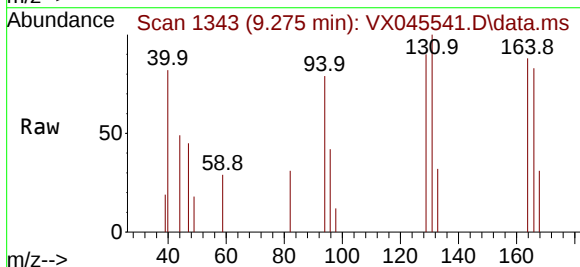
Instrument :
MSVOA_X
ClientSampleId :
IBLK

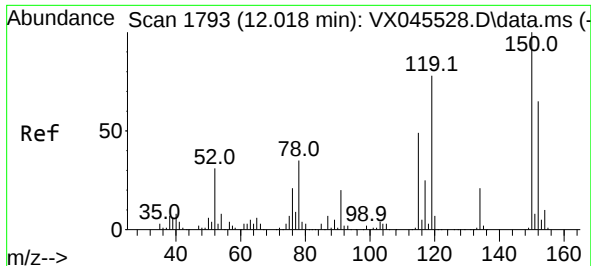
Tgt Ion:117 Resp: 107722
Ion Ratio Lower Upper
117 100
82 62.9 49.2 73.8
119 32.0 25.1 37.7



#64
Tetrachloroethene
Concen: 0.740 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045541.D
Acq: 02 Apr 2025 12:54

Tgt Ion:164 Resp: 563
Ion Ratio Lower Upper
164 100
166 93.9 103.8 155.8#
129 102.8 84.3 126.5
131 113.8 80.9 121.3

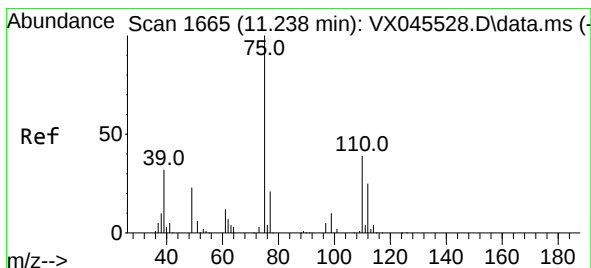
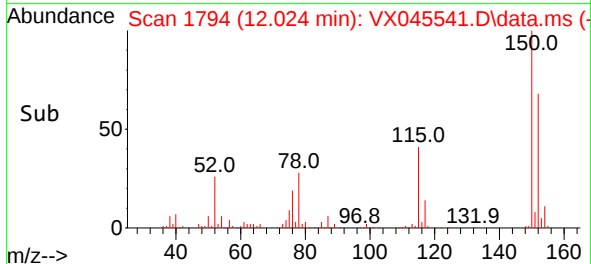
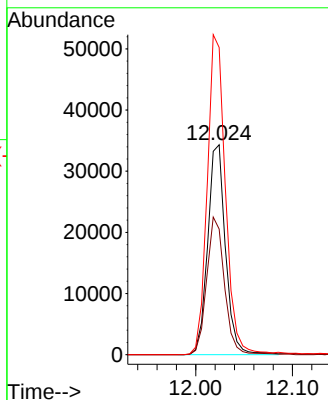
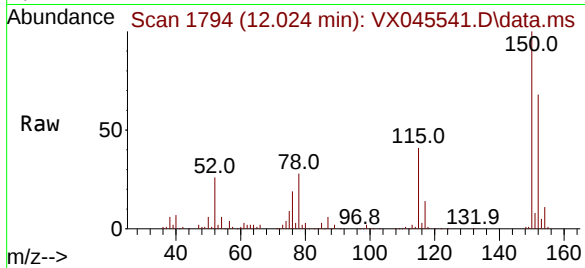




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045541.D
 Acq: 02 Apr 2025 12:54

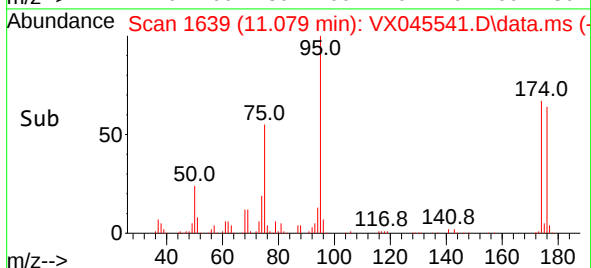
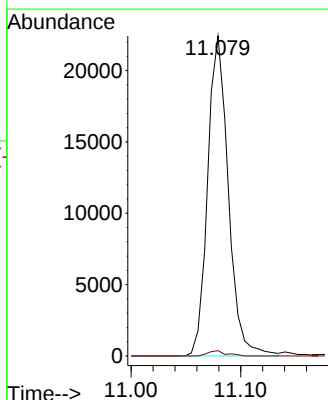
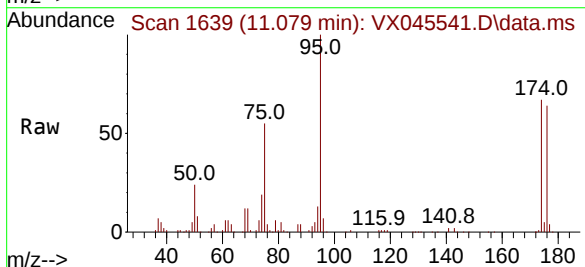
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

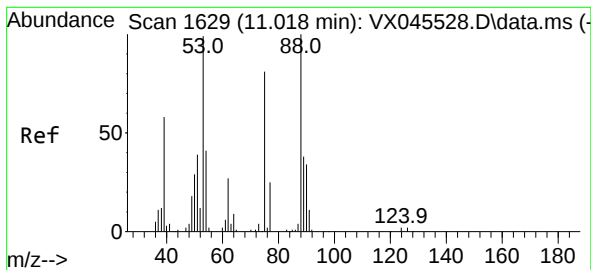
Tgt Ion:152 Resp: 44177
 Ion Ratio Lower Upper
 152 100
 115 65.4 46.9 140.7
 150 156.1 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 27.277 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045541.D
 Acq: 02 Apr 2025 12:54

Tgt Ion: 75 Resp: 29393
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.574 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX045541.D
 Acq: 02 Apr 2025 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 29393
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.1 37.2 55.8#

