

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045191.D
 Acq On : 10 Mar 2025 13:20
 Operator : JC/MD
 Sample : Q1500-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 11 03:54:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

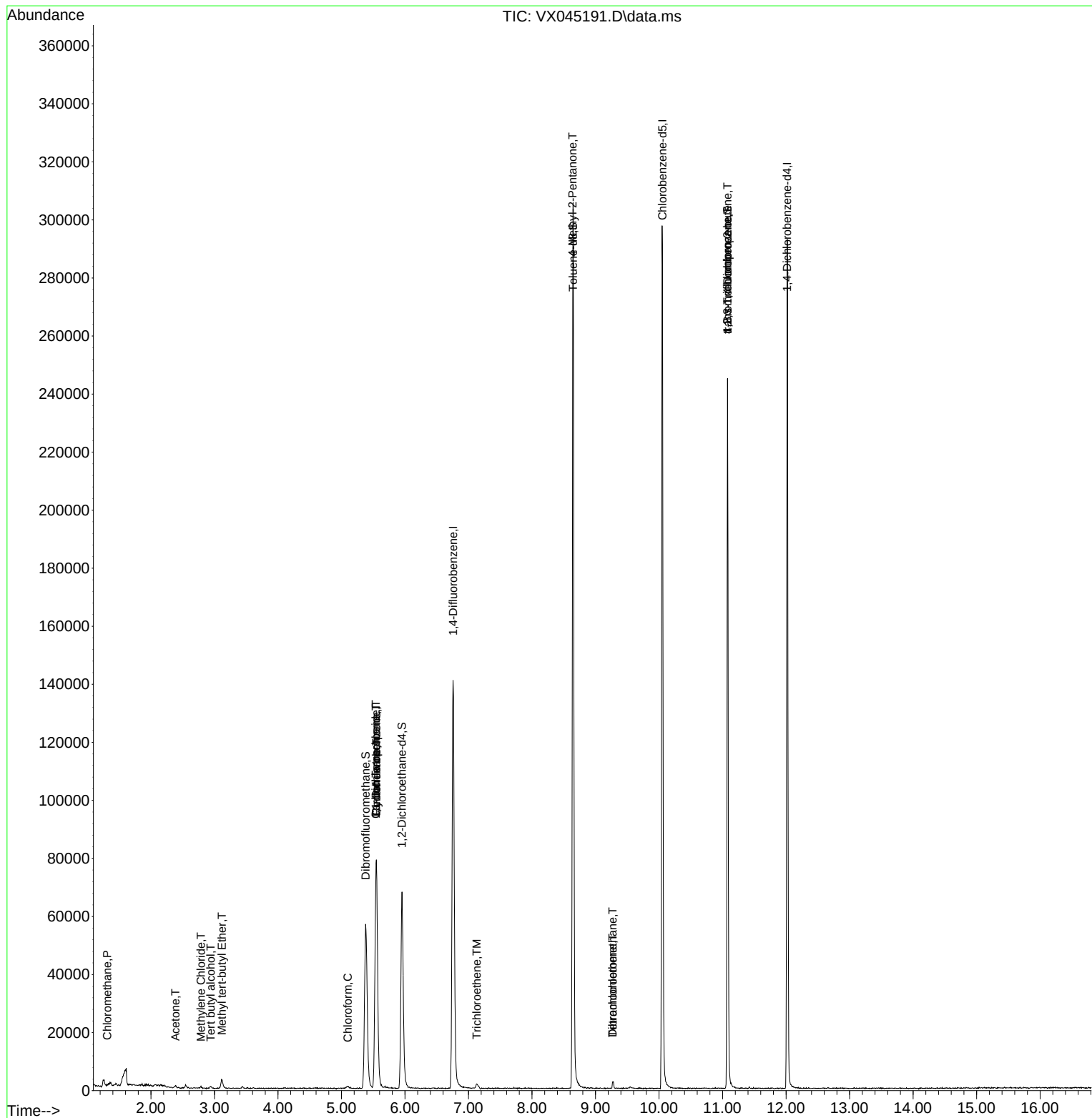
Internal Standards						
1) Pentafluorobenzene	5.550	168	73273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60998	52.336	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.680%	
35) Dibromofluoromethane	5.379	113	50130	52.032	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.060%	
50) Toluene-d8	8.647	98	182875	52.357	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.720%	
62) 4-Bromofluorobenzene	11.079	95	61971	53.542	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.080%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	305	0.270	ug/l #	43
11) Tert butyl alcohol	2.940	59	277	1.255	ug/l #	73
16) Acetone	2.386	43	1063	1.966	ug/l #	81
19) Methyl tert-butyl Ether	3.117	73	3145	1.041	ug/l	99
20) Methylene Chloride	2.788	84	266	0.248	ug/l #	73
30) Chloroform	5.098	83	1076	0.593	ug/l #	74
31) Cyclohexane	5.550	56	1936	1.221	ug/l #	16
36) 1,1-Dichloropropene	5.544	75	6508	4.926	ug/l #	46
38) Carbon Tetrachloride	5.544	117	7750	5.777	ug/l #	16
44) Trichloroethene	7.129	130	894	0.913	ug/l	77
51) 4-Methyl-2-Pentanone	8.641	43	906	0.536	ug/l #	1
60) Dibromochloromethane	9.268	129	449	0.426	ug/l #	11
64) Tetrachloroethene	9.268	164	382	0.443	ug/l #	74
76) 1,2,3-Trichloropropane	11.079	75	32875	24.746	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32875	84.684	ug/l #	6

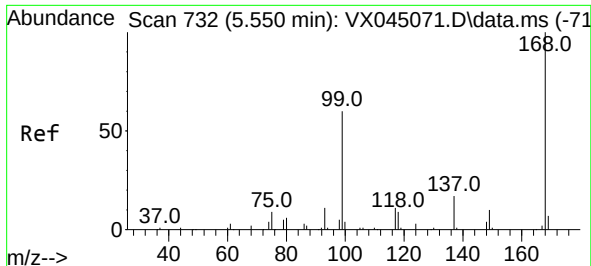
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
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Quant Time: Mar 11 03:54:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

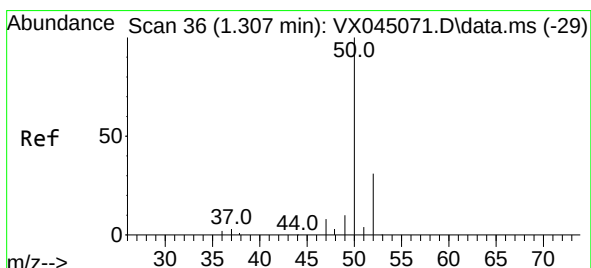
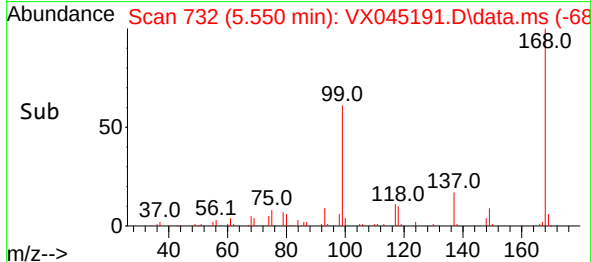
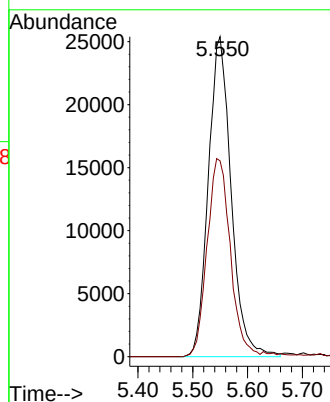
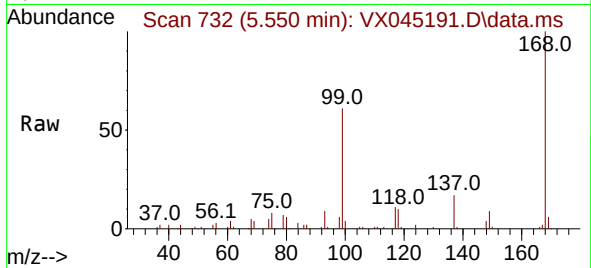




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045191.D
Acq: 10 Mar 2025 13:20

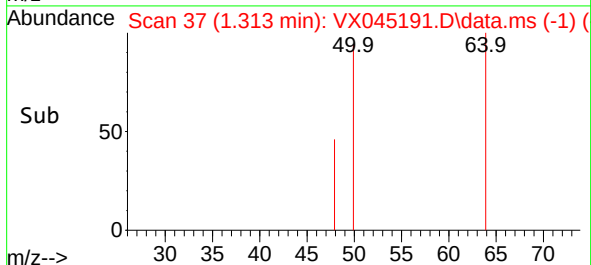
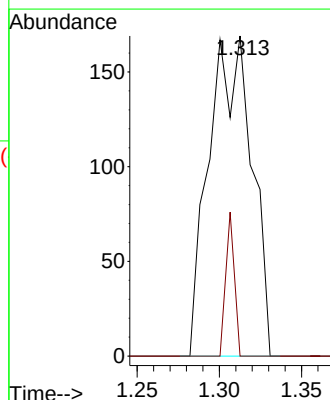
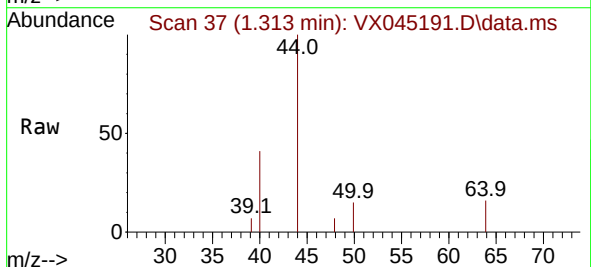
Instrument :
MSVOA_X
ClientSampleId :

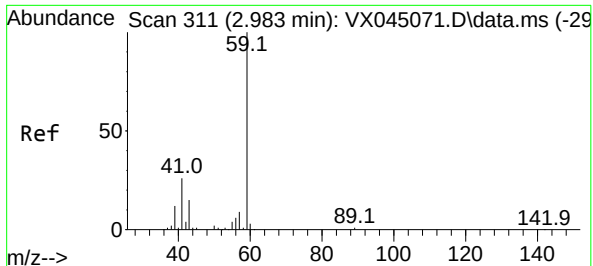
Tgt Ion:168 Resp: 73273
Ion Ratio Lower Upper
168 100
99 61.2 48.2 72.4



#3
Chloromethane
Concen: 0.270 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX045191.D
Acq: 10 Mar 2025 13:20

Tgt Ion: 50 Resp: 305
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: 1.255 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.043 min

Lab File: VX045191.D

Acq: 10 Mar 2025 13:20

Instrument :

MSVOA_X

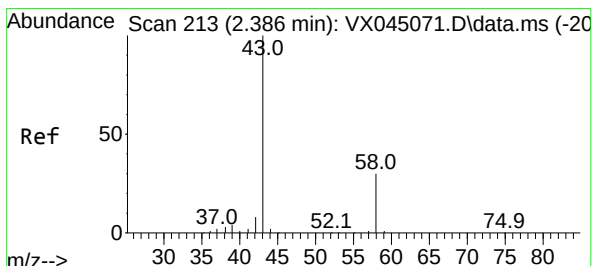
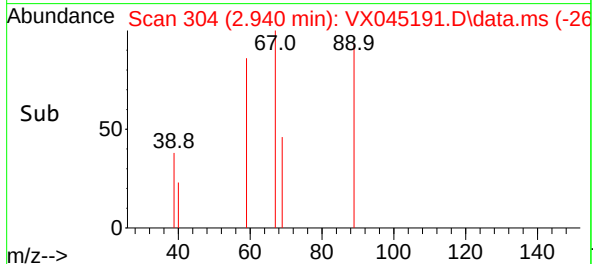
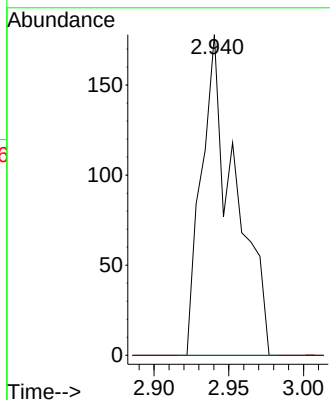
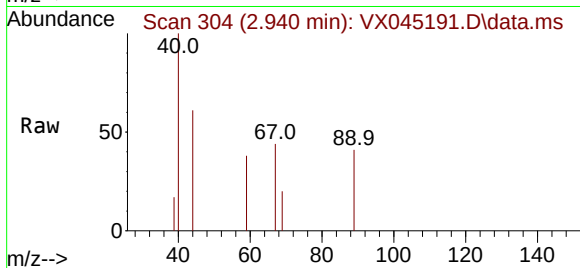
ClientSampleId :

Tgt Ion: 59 Resp: 277

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 1.966 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045191.D

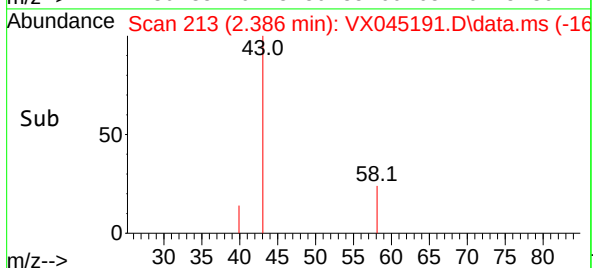
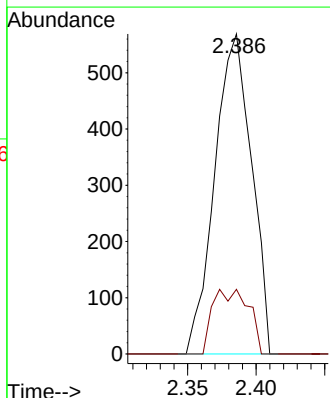
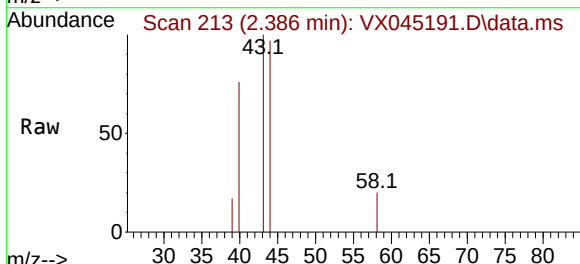
Acq: 10 Mar 2025 13:20

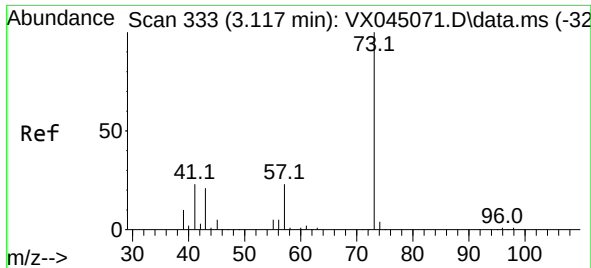
Tgt Ion: 43 Resp: 1063

Ion Ratio Lower Upper

43 100

58 20.2 24.2 36.4#

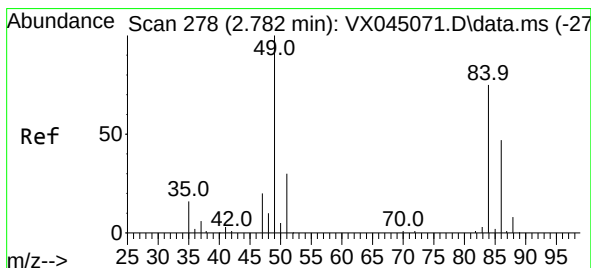
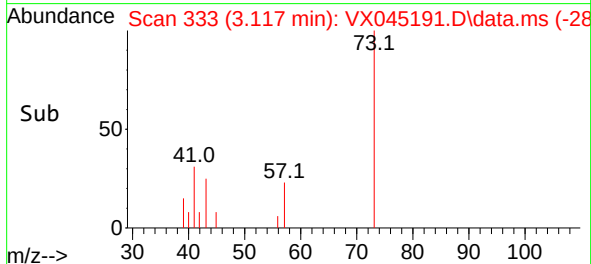
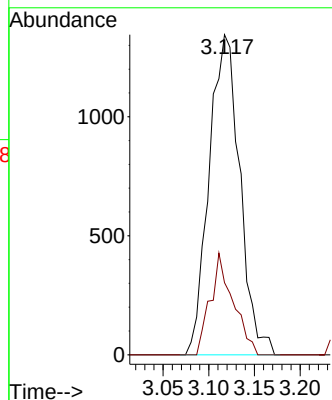
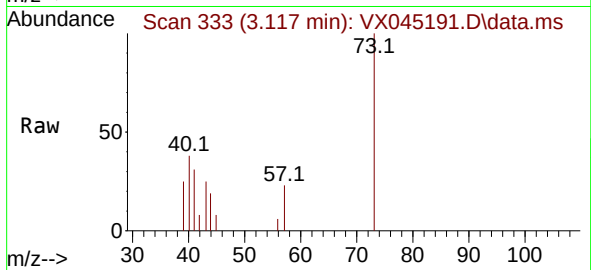




#19
Methyl tert-butyl Ether
Concen: 1.041 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045191.D
Acq: 10 Mar 2025 13:20

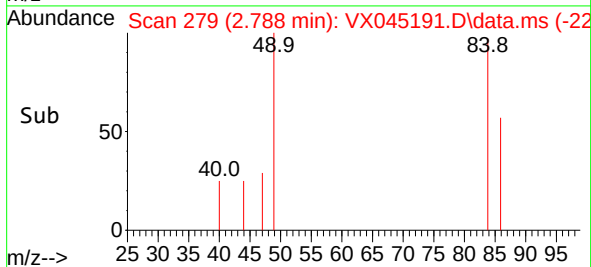
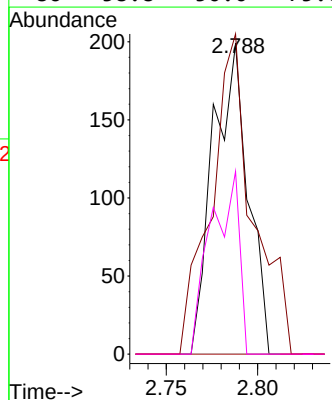
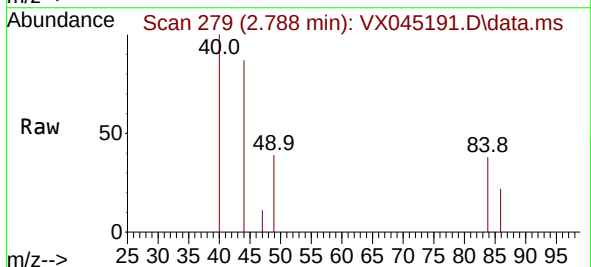
Instrument :
MSVOA_X
ClientSampleId :

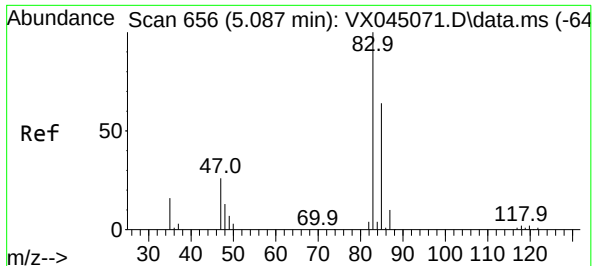
Tgt Ion: 73 Resp: 3145
Ion Ratio Lower Upper
73 100
57 22.5 18.5 27.7



#20
Methylene Chloride
Concen: 0.248 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045191.D
Acq: 10 Mar 2025 13:20

Tgt Ion: 84 Resp: 266
Ion Ratio Lower Upper
84 100
49 103.0 106.5 159.7#
51 0.0 32.1 48.1#
86 58.8 50.0 75.0





#30

Chloroform

Concen: 0.593 ug/l

RT: 5.098 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX045191.D

Acq: 10 Mar 2025 13:20

Instrument :

MSVOA_X

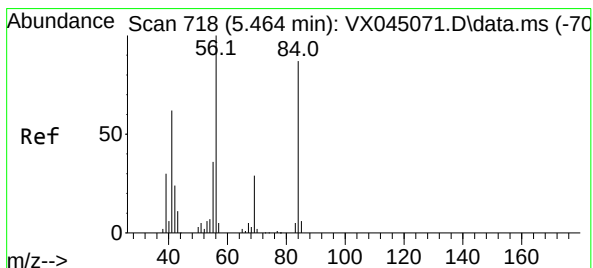
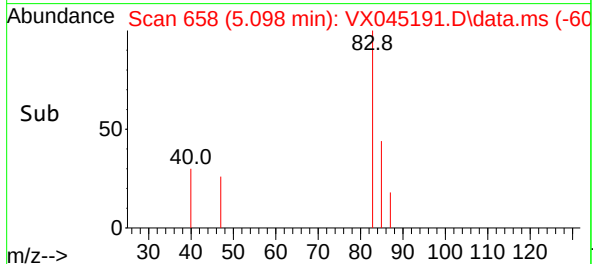
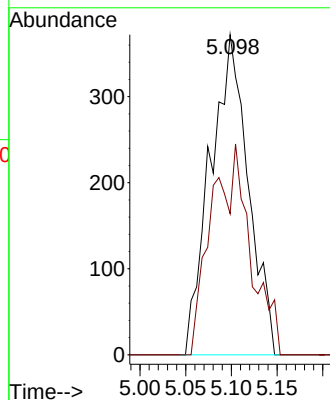
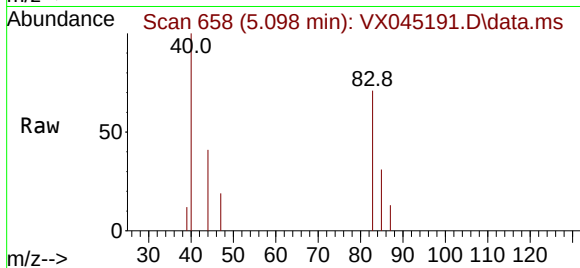
ClientSampleId :

Tgt Ion: 83 Resp: 1076

Ion Ratio Lower Upper

83 100

85 44.1 51.4 77.2#



#31

Cyclohexane

Concen: 1.221 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX045191.D

Acq: 10 Mar 2025 13:20

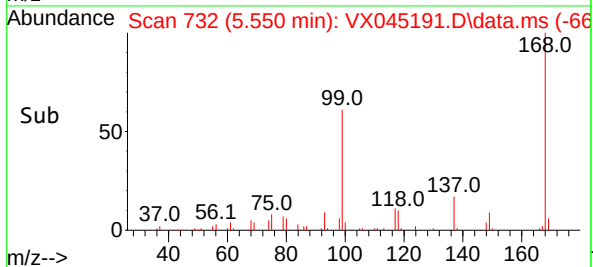
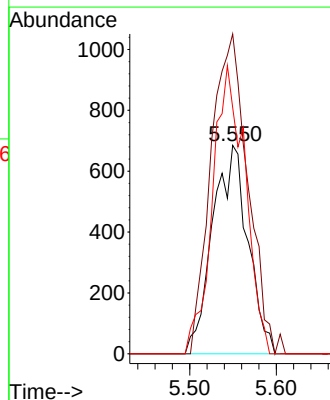
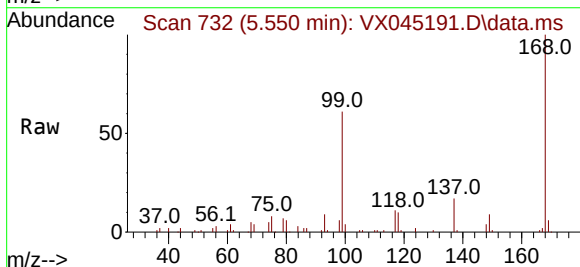
Tgt Ion: 56 Resp: 1936

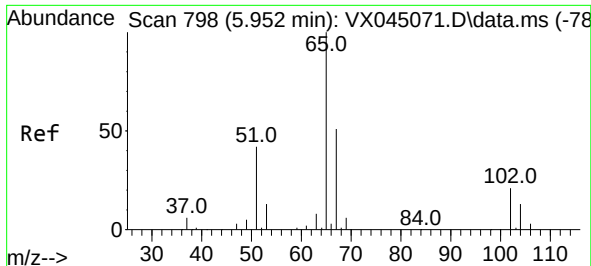
Ion Ratio Lower Upper

56 100

69 153.4 23.4 35.2#

84 118.1 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 52.336 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045191.D

Acq: 10 Mar 2025 13:20

Instrument :

MSVOA_X

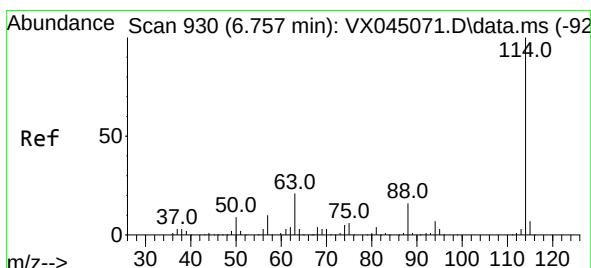
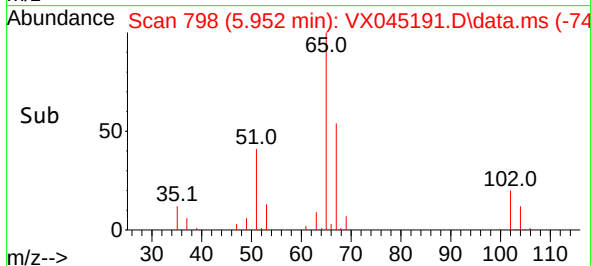
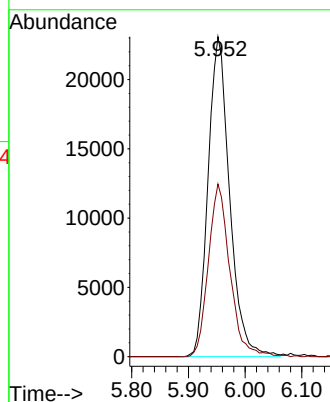
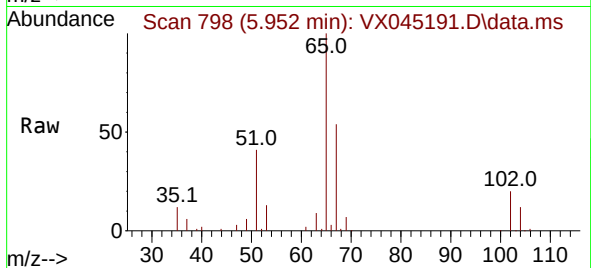
ClientSampleId :

Tgt Ion: 65 Resp: 60998

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045191.D

Acq: 10 Mar 2025 13:20

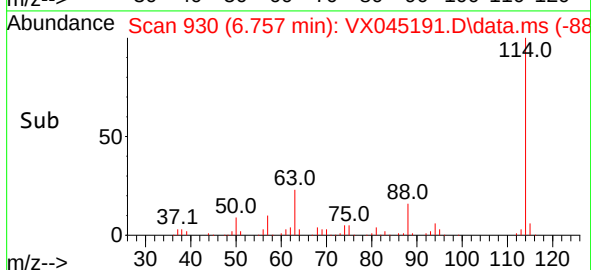
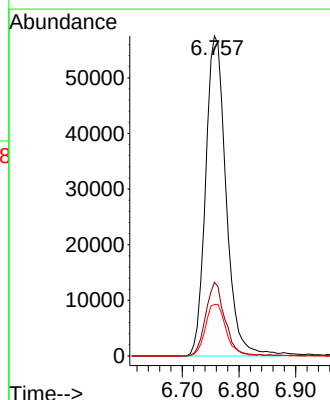
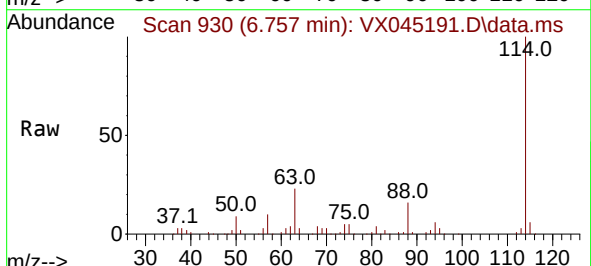
Tgt Ion: 114 Resp: 144084

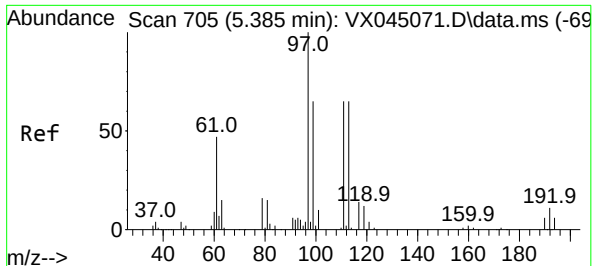
Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.8

88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.032 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

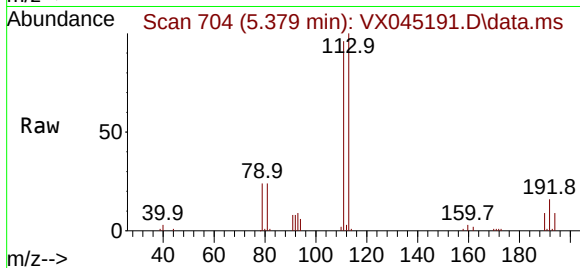
Lab File: VX045191.D

Acq: 10 Mar 2025 13:20

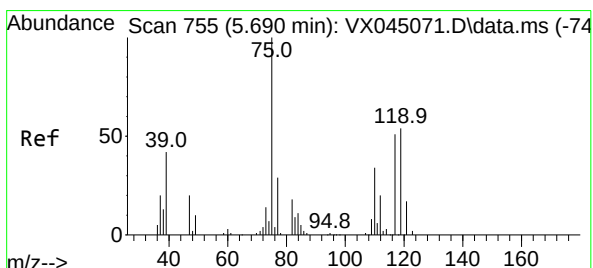
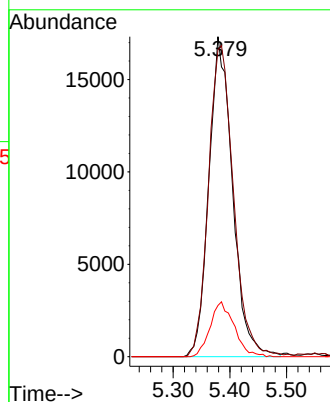
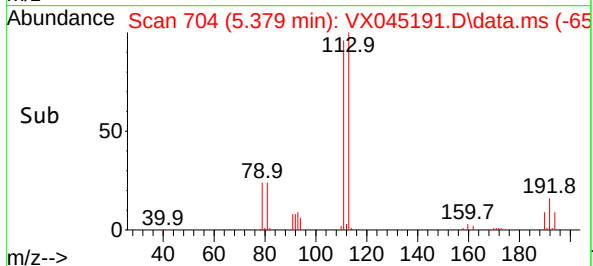
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	113	Resp:	50130
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.6
192	17.5	14.3	21.5



#36

1,1-Dichloropropene

Concen: 4.926 ug/l

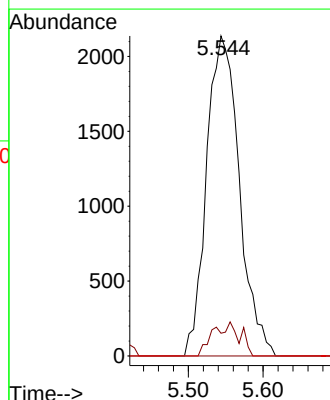
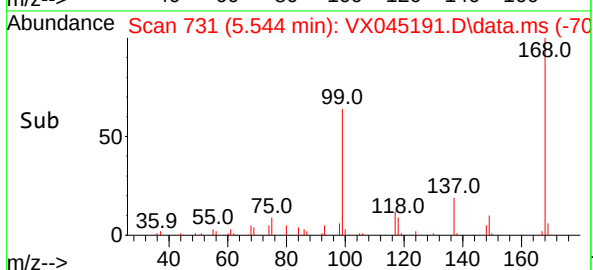
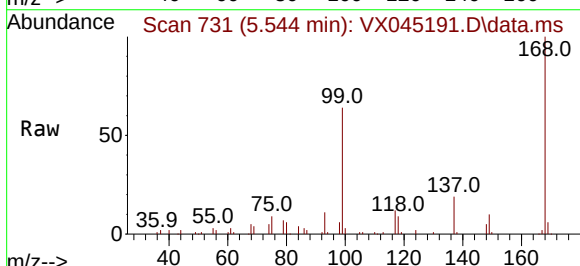
RT: 5.544 min Scan# 731

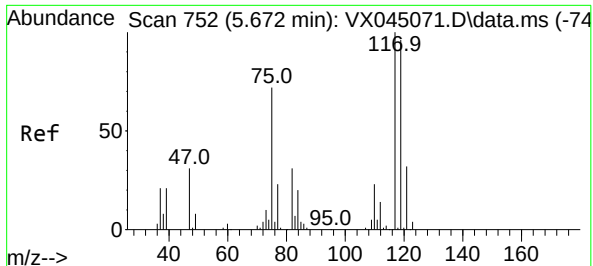
Delta R.T. -0.147 min

Lab File: VX045191.D

Acq: 10 Mar 2025 13:20

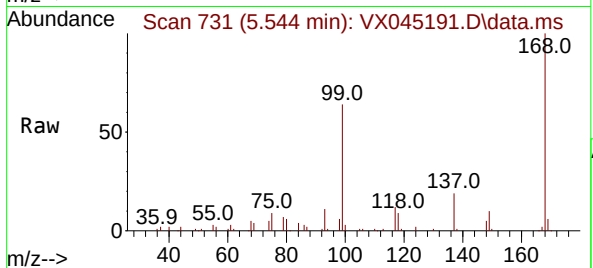
Tgt Ion:	75	Resp:	6508
Ion	Ratio	Lower	Upper
75	100		
110	3.8	16.9	50.6#
77	0.0	24.5	36.7#



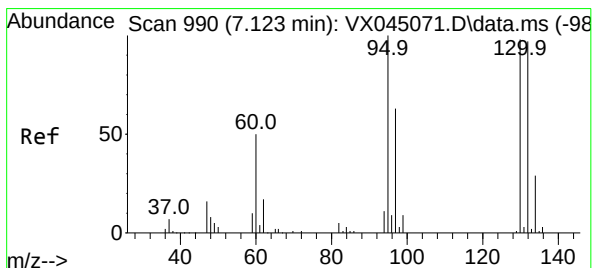
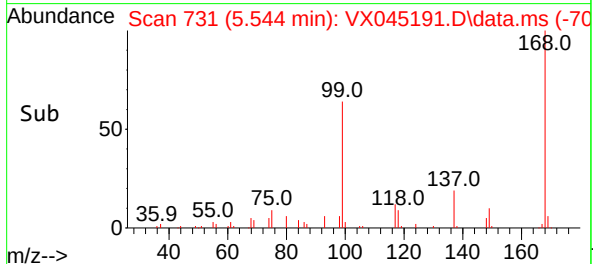
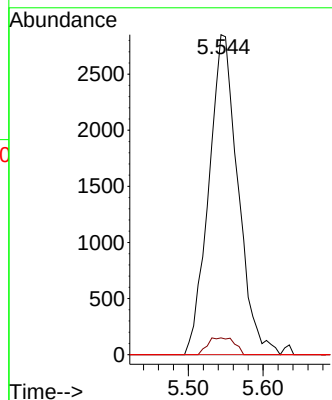


#38
Carbon Tetrachloride
Concen: 5.777 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045191.D
Acq: 10 Mar 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :

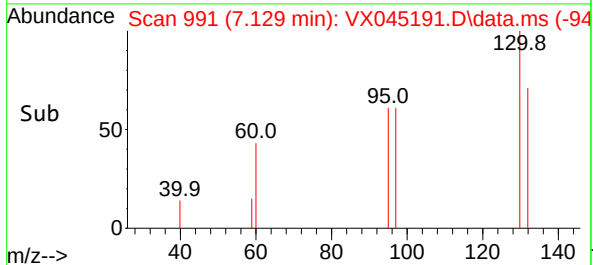
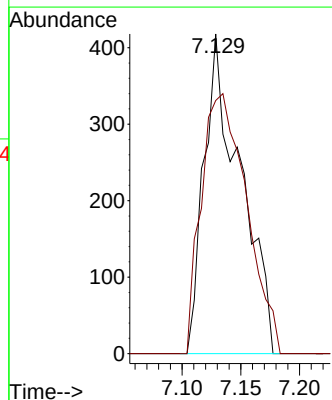
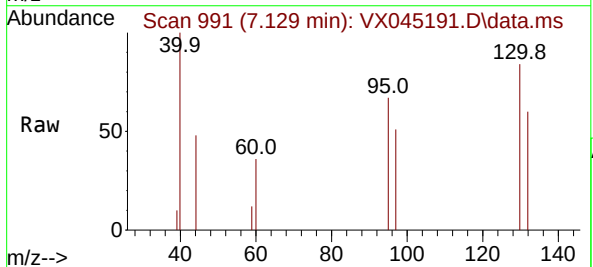


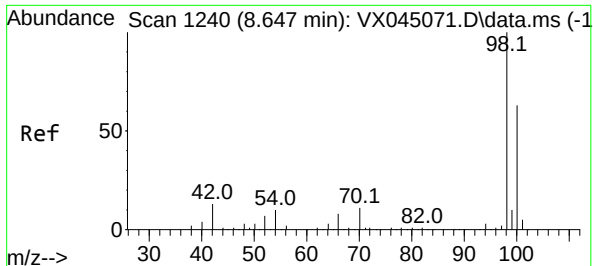
Tgt Ion:117 Resp: 7750
Ion Ratio Lower Upper
117 100
119 5.3 76.7 115.1#
121 0.0 25.5 38.3#



#44
Trichloroethene
Concen: 0.913 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045191.D
Acq: 10 Mar 2025 13:20

Tgt Ion:130 Resp: 894
Ion Ratio Lower Upper
130 100
95 79.2 0.0 205.0

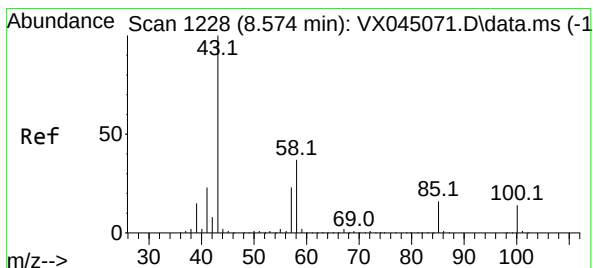
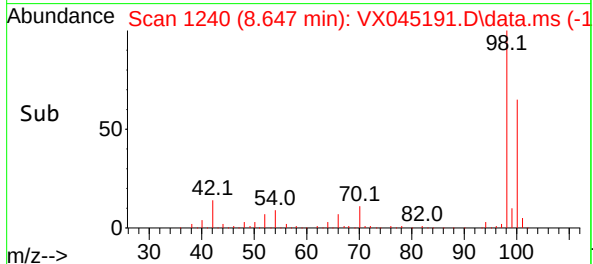
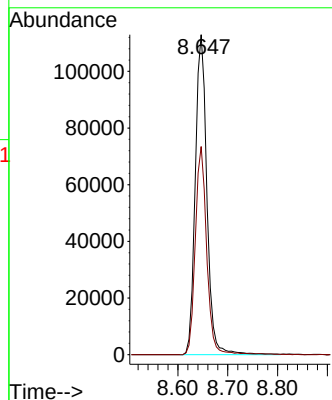
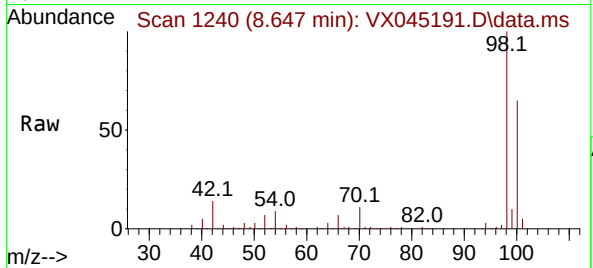




#50
Toluene-d8
Concen: 52.357 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045191.D
Acq: 10 Mar 2025 13:20

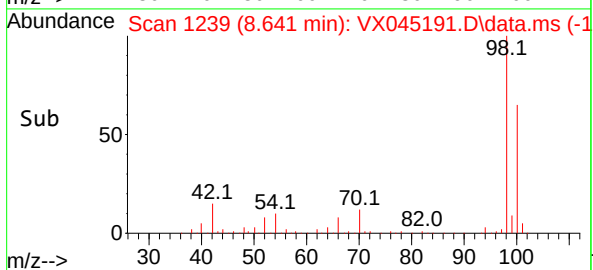
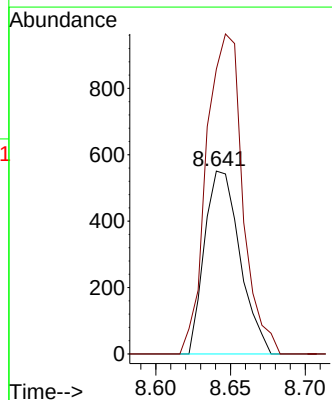
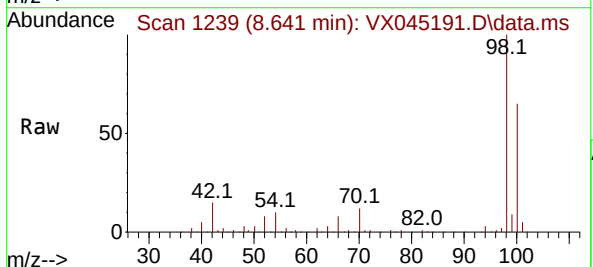
Instrument :
MSVOA_X
ClientSampleId :

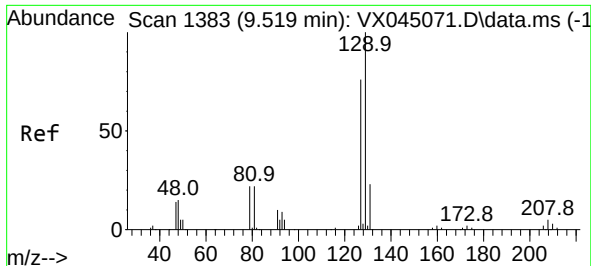
Tgt Ion: 98 Resp: 182875
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.536 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045191.D
Acq: 10 Mar 2025 13:20

Tgt Ion: 43 Resp: 906
Ion Ratio Lower Upper
43 100
58 179.1 29.2 43.8#

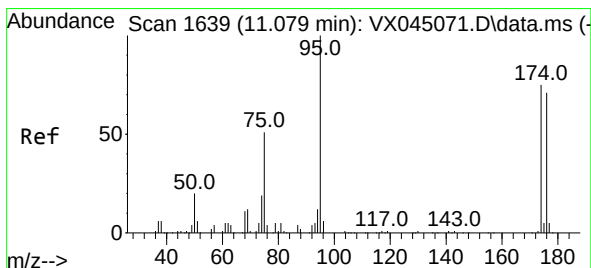
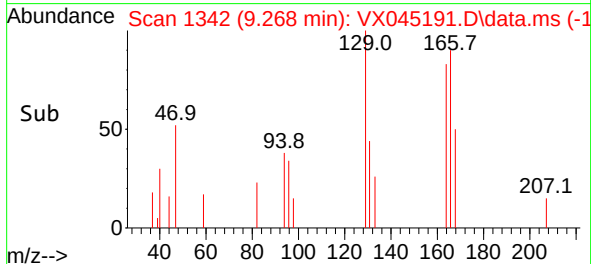
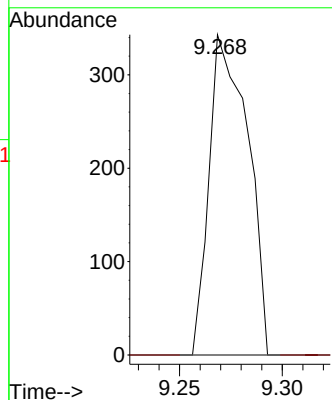
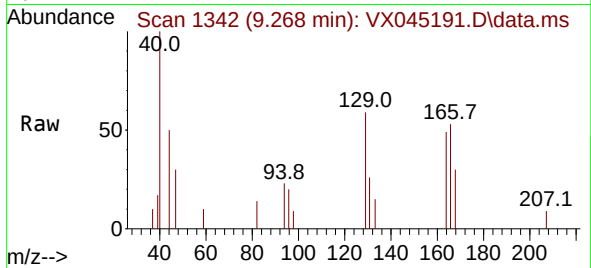




#60
Dibromochloromethane
Concen: 0.426 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX045191.D
Acq: 10 Mar 2025 13:20

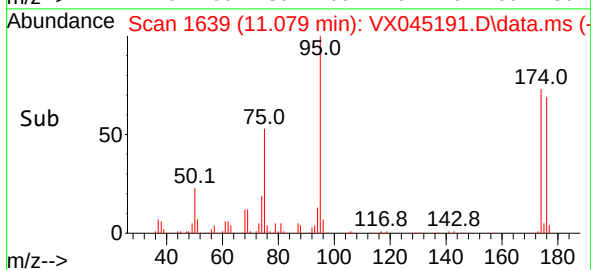
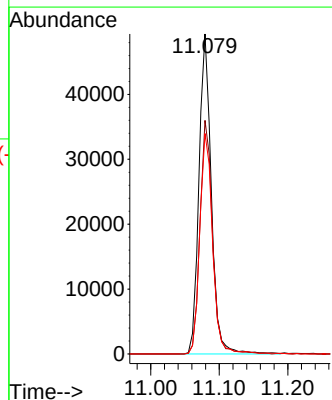
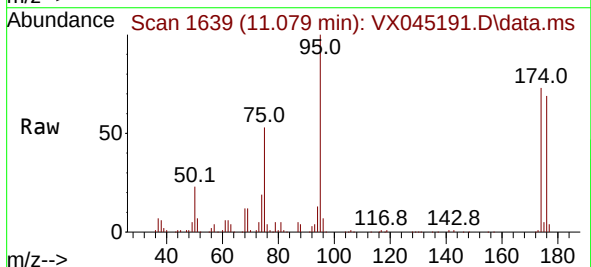
Instrument :
MSVOA_X
ClientSampleId :

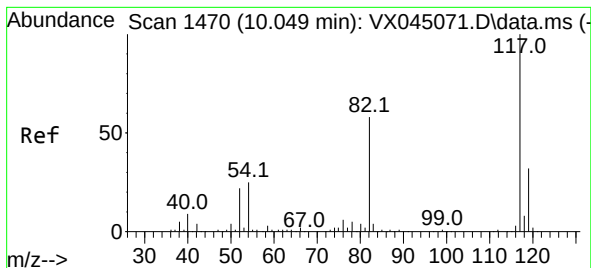
Tgt Ion:129 Resp: 449
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 53.542 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045191.D
Acq: 10 Mar 2025 13:20

Tgt Ion: 95 Resp: 61971
Ion Ratio Lower Upper
95 100
174 74.4 0.0 148.2
176 71.6 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX045191.D

Acq: 10 Mar 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

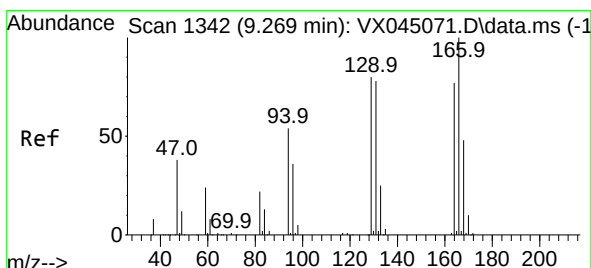
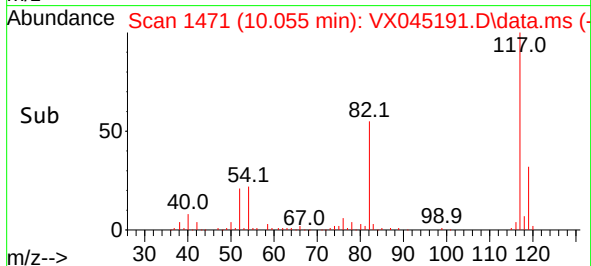
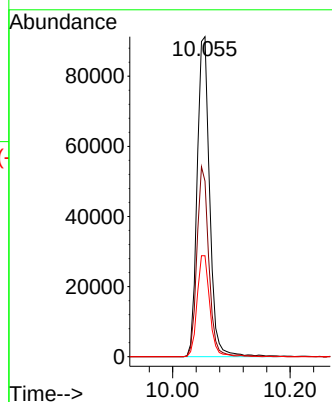
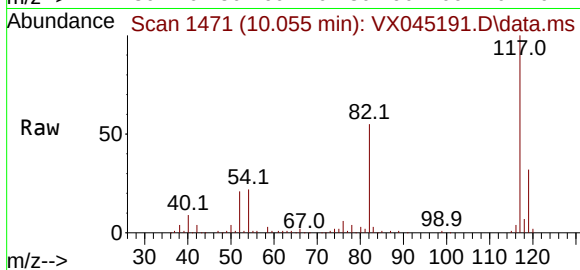
Tgt Ion:117 Resp: 134557

Ion Ratio Lower Upper

117 100

82 54.9 46.3 69.5

119 31.6 25.7 38.5



#64

Tetrachloroethene

Concen: 0.443 ug/l

RT: 9.268 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX045191.D

Acq: 10 Mar 2025 13:20

Tgt Ion:164 Resp: 382

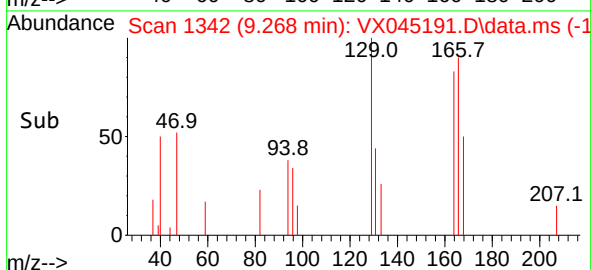
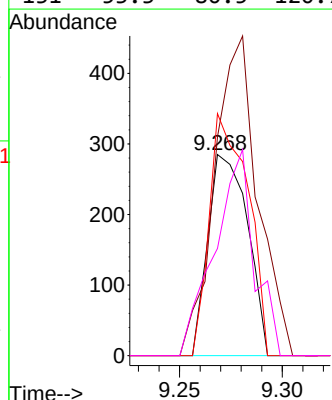
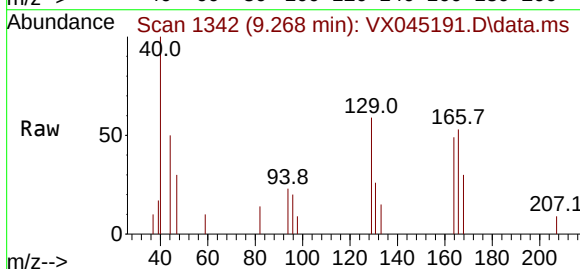
Ion Ratio Lower Upper

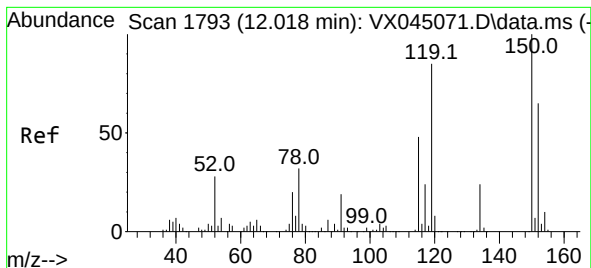
164 100

166 108.8 103.6 155.4

129 120.4 82.7 124.1

131 53.3 80.5 120.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045191.D

Acq: 10 Mar 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

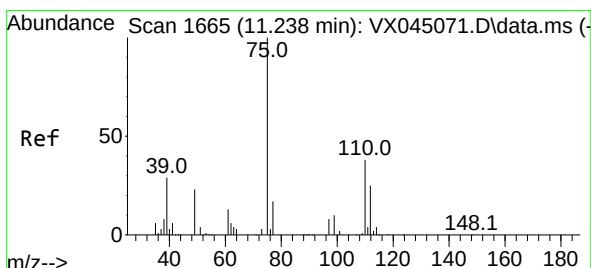
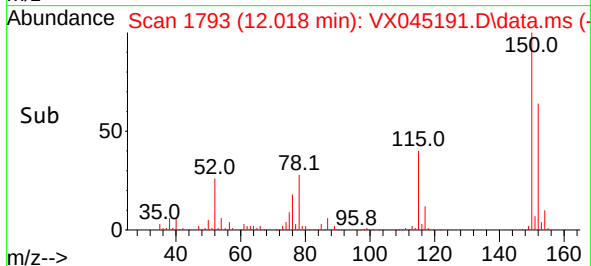
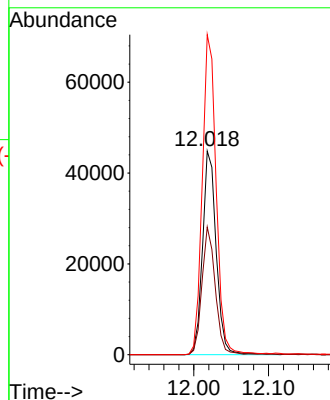
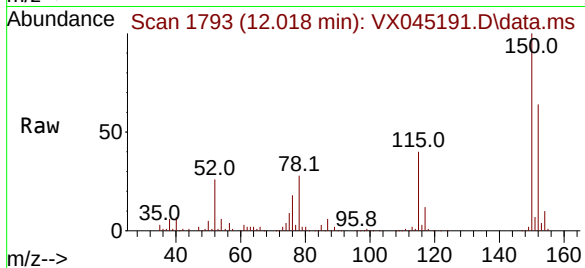
Tgt Ion:152 Resp: 57079

Ion Ratio Lower Upper

152 100

115 61.4 44.2 132.6

150 159.0 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 24.746 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045191.D

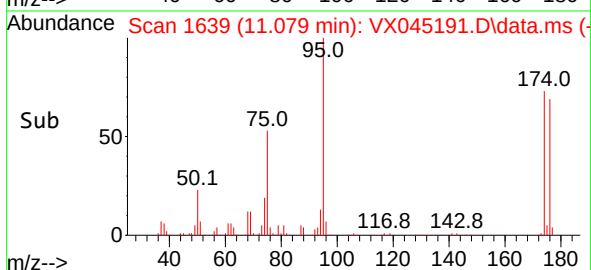
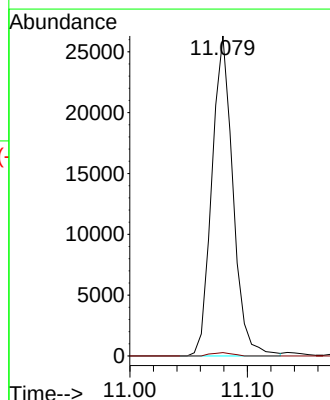
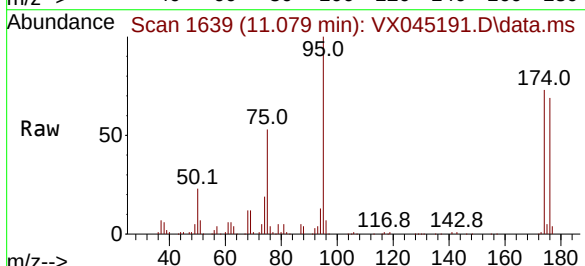
Acq: 10 Mar 2025 13:20

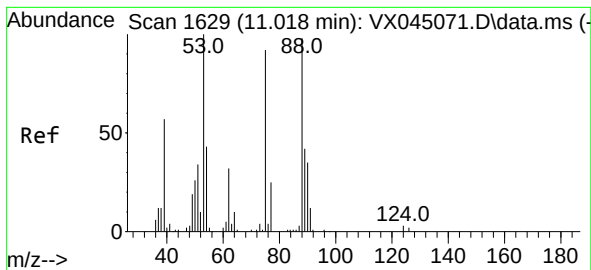
Tgt Ion: 75 Resp: 32875

Ion Ratio Lower Upper

75 100

77 1.0 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.684 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045191.D
 Acq: 10 Mar 2025 13:20

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 32875
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

