

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046935.D
 Acq On : 10 Jul 2025 11:44
 Operator : JC/MD
 Sample : VX0710WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBL01

Quant Time: Jul 11 01:26:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	311309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	568946	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	543608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	271904	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	232769	56.598	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.200%
35) Dibromofluoromethane	5.391	113	191587	49.608	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.220%
50) Toluene-d8	8.646	98	692184	50.799	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.600%
62) 4-Bromofluorobenzene	11.079	95	266771	51.513	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.020%

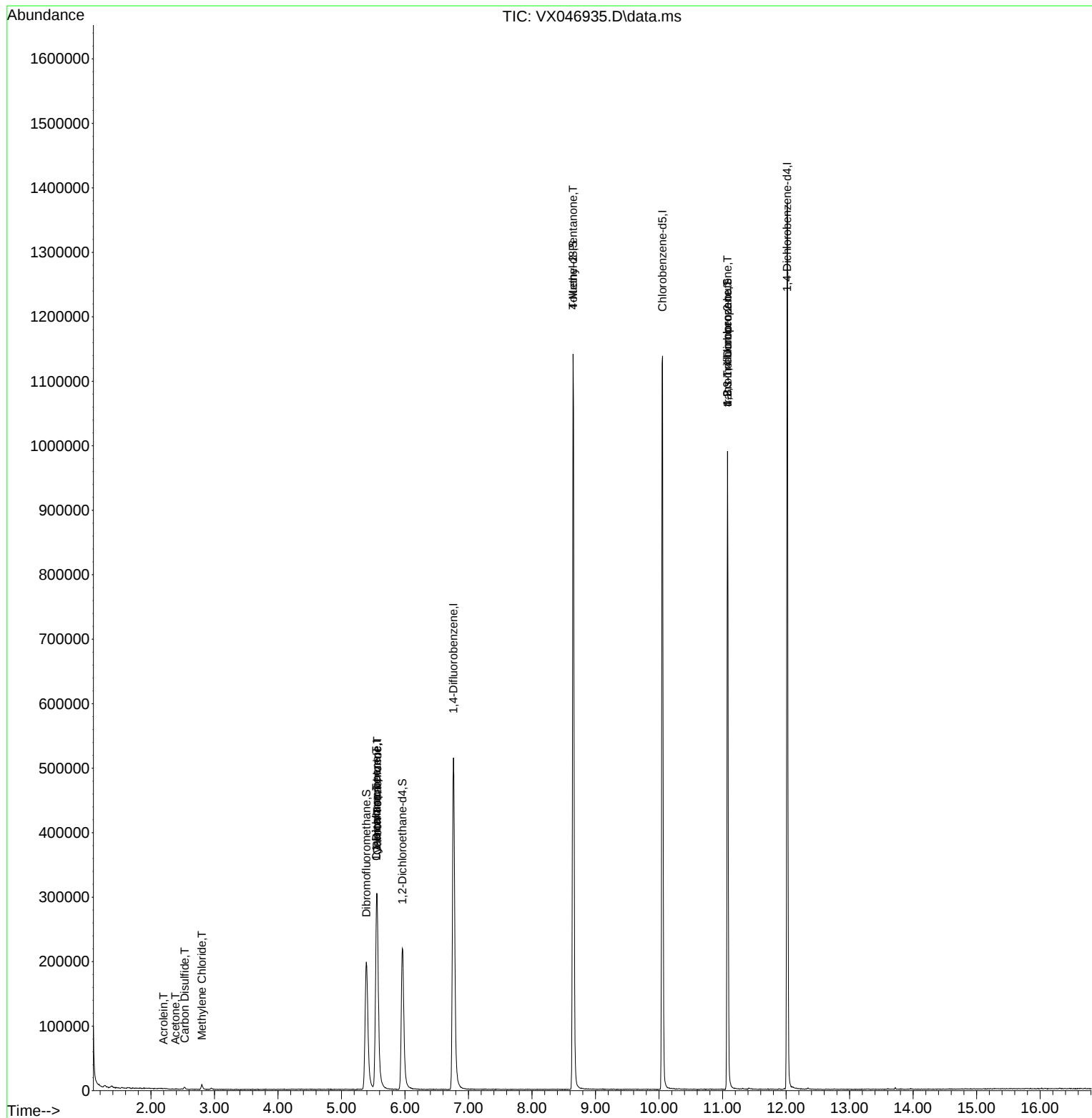
Target Compounds					Qvalue	
13) Acrolein	2.196	56	21	2.905	ug/l #	15
16) Acetone	2.385	43	943	0.738	ug/l #	56
17) Carbon Disulfide	2.532	76	3902	0.441	ug/l	100
20) Methylene Chloride	2.800	84	3226	0.854	ug/l	87
31) Cyclohexane	5.549	56	6496	1.105	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	25153	4.827	ug/l #	48
38) Carbon Tetrachloride	5.562	117	32974	5.986	ug/l #	16
51) 4-Methyl-2-Pentanone	8.646	43	3451	0.860	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	134865	32.101	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	134865	86.142	ug/l #	8

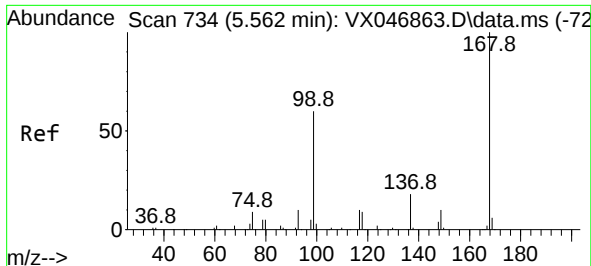
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046935.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBL01

Quant Time: Jul 11 01:26:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

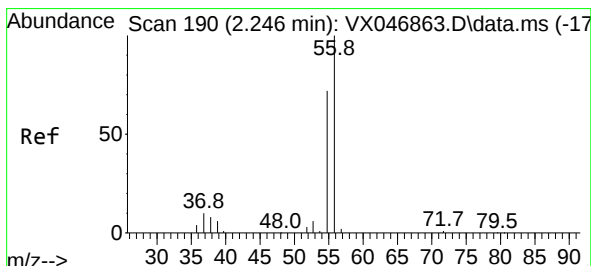
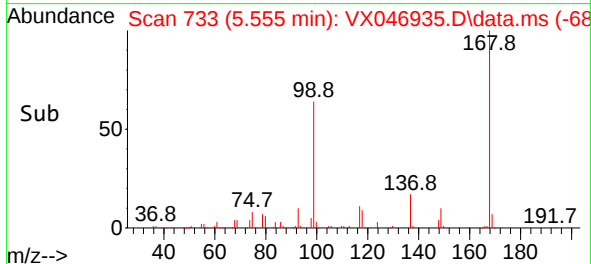
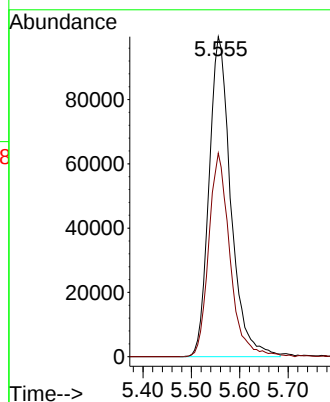
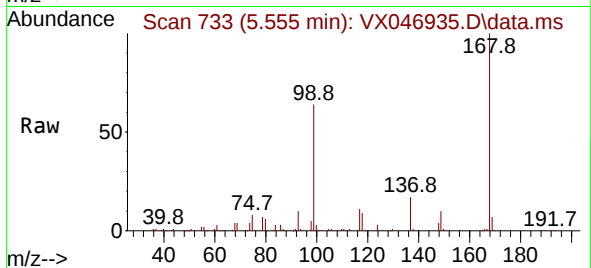




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

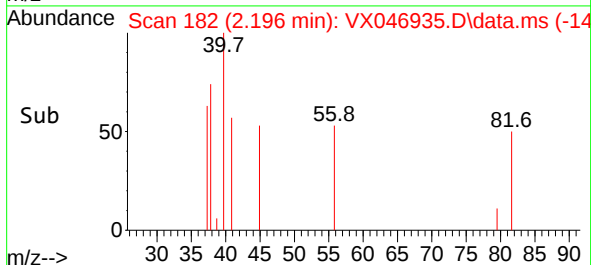
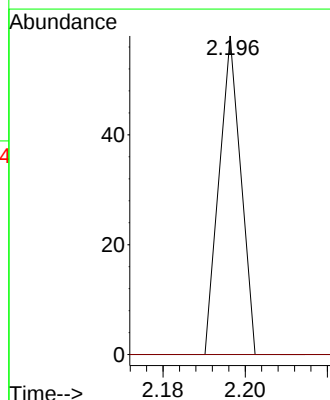
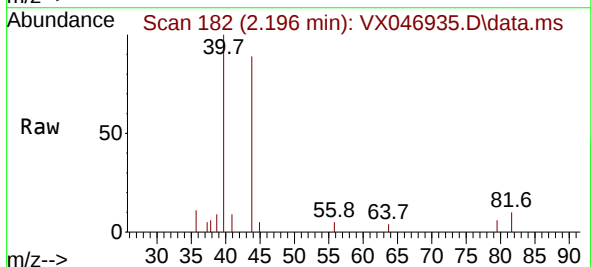
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBL01

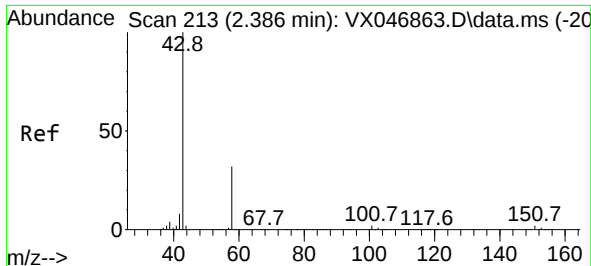
Tgt Ion:168 Resp: 311309
Ion Ratio Lower Upper
168 100
99 63.6 48.8 73.2



#13
Acrolein
Concen: 2.905 ug/l
RT: 2.196 min Scan# 182
Delta R.T. -0.050 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 0.0 55.5 83.3#

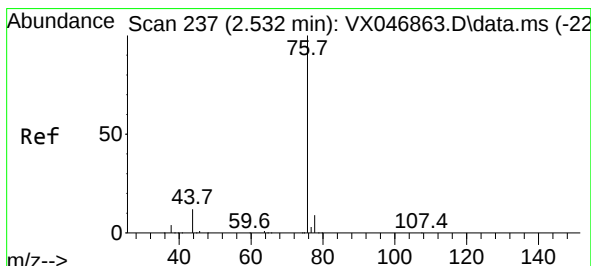
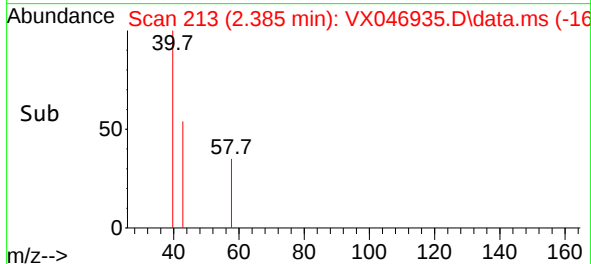
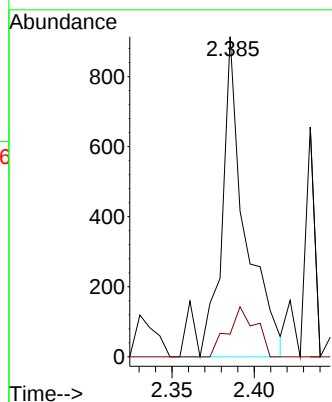
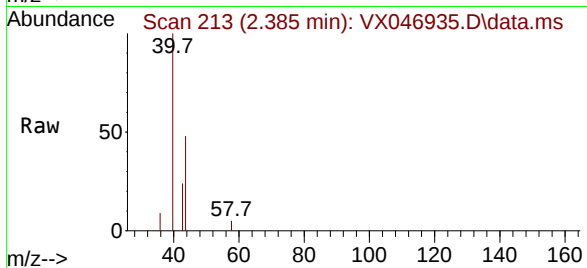




#16
Acetone
Concen: 0.738 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

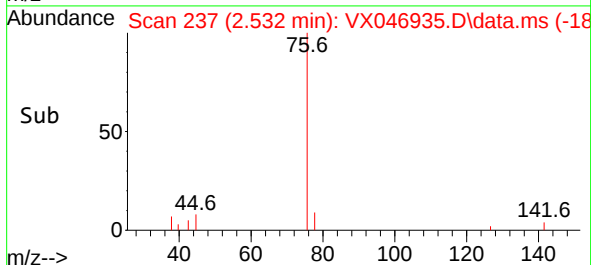
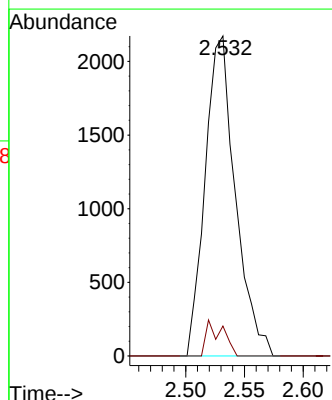
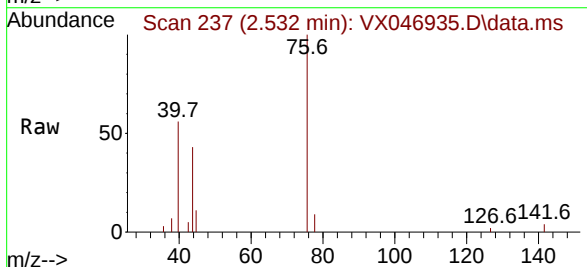
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBL01

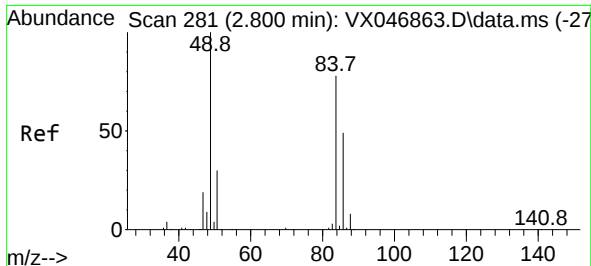
Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
58 7.6 25.8 38.6#



#17
Carbon Disulfide
Concen: 0.441 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

Tgt Ion: 76 Resp: 3902
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

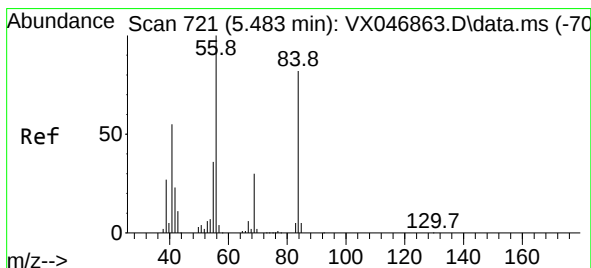
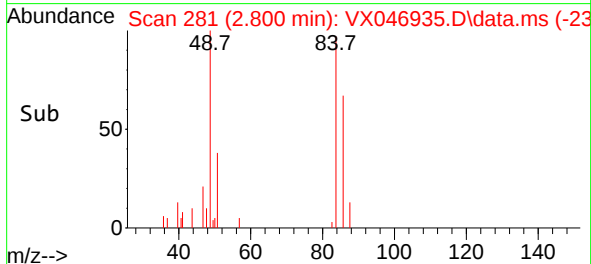
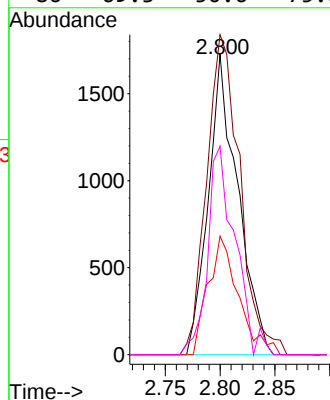
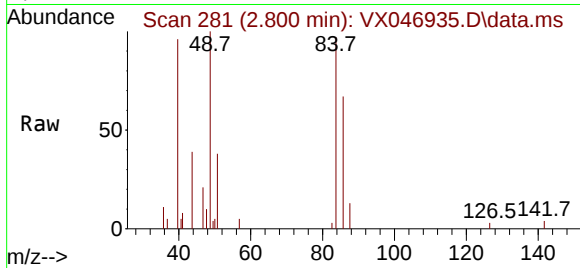




#20
Methylene Chloride
Concen: 0.854 ug/l
RT: 2.800 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

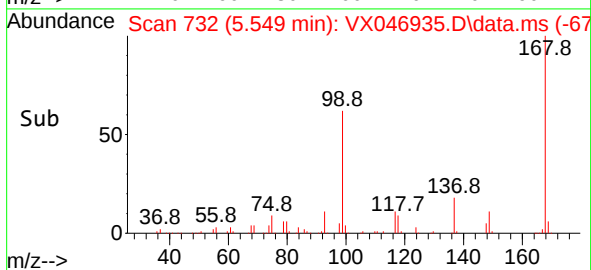
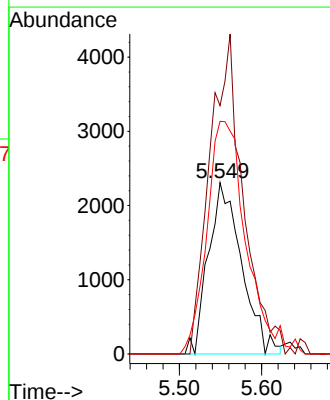
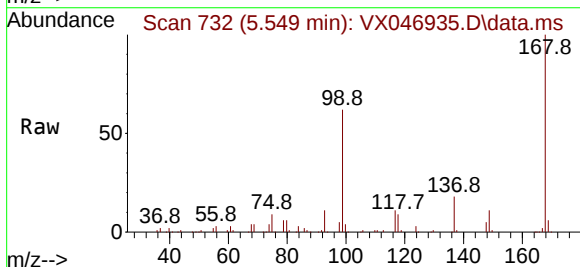
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBL01

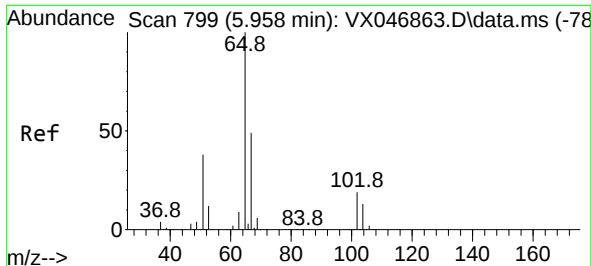
Tgt Ion:	84	Resp:	3226
Ion	Ratio	Lower	Upper
84	100		
49	106.4	102.8	154.2
51	39.4	31.1	46.7
86	69.3	50.6	75.8



#31
Cyclohexane
Concen: 1.105 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.067 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

Tgt Ion:	56	Resp:	6496
Ion	Ratio	Lower	Upper
56	100		
69	145.0	24.0	36.0#
84	135.7	66.5	99.7#





#33

1,2-Dichloroethane-d4

Concen: 56.598 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX046935.D

Acq: 10 Jul 2025 11:44

Instrument :

MSVOA_X

ClientSampleId :

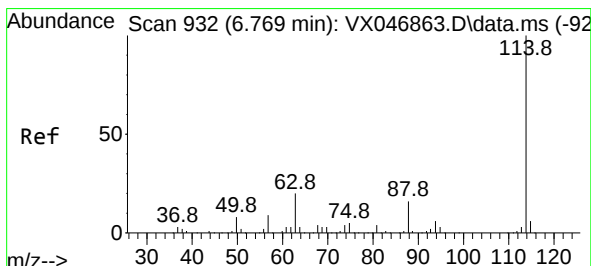
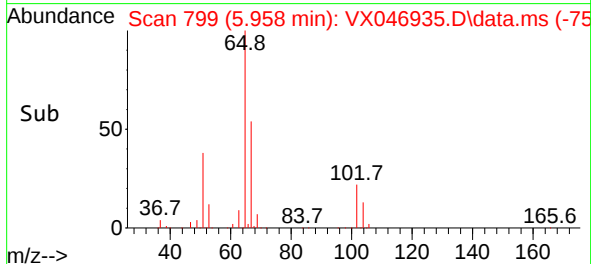
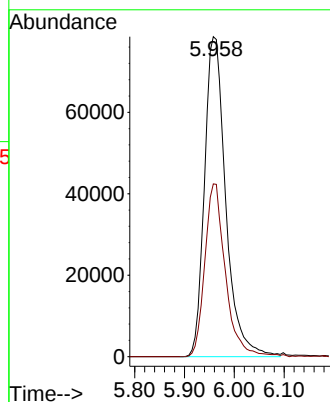
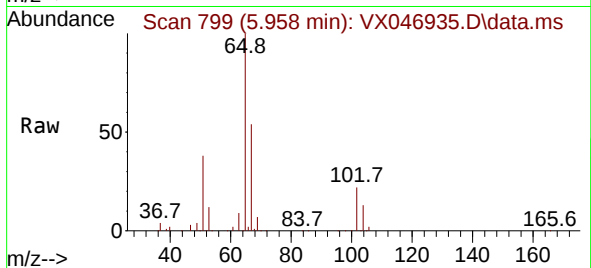
VX0710WBL01

Tgt Ion: 65 Resp: 232769

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.007 min

Lab File: VX046935.D

Acq: 10 Jul 2025 11:44

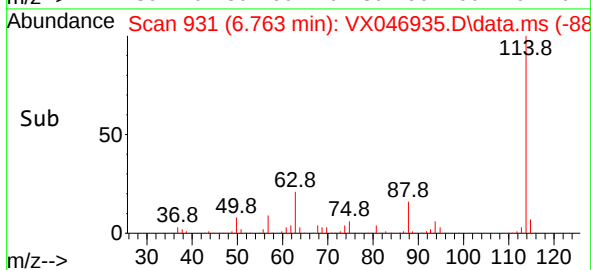
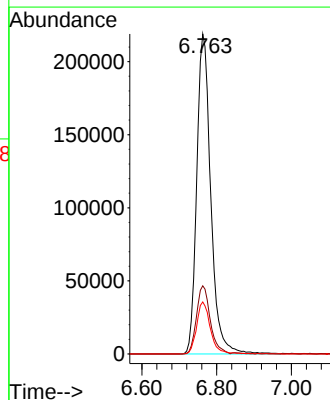
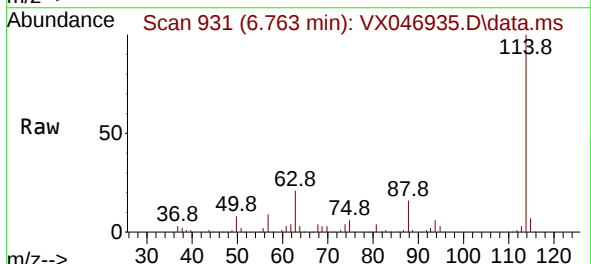
Tgt Ion: 114 Resp: 568946

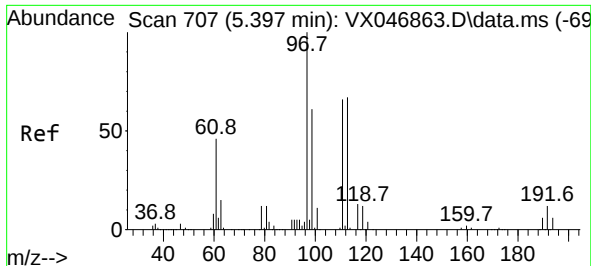
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.4

88 16.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.608 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.007 min

Lab File: VX046935.D

Acq: 10 Jul 2025 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBL01

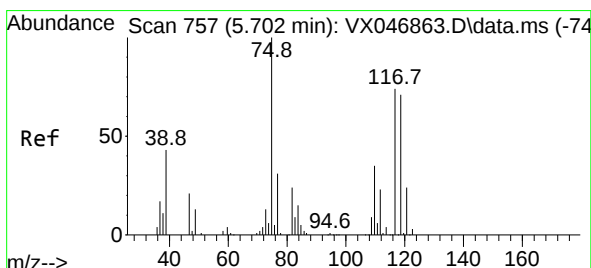
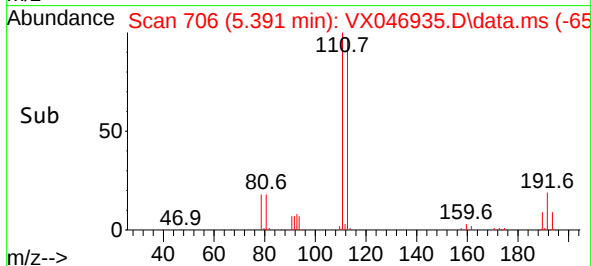
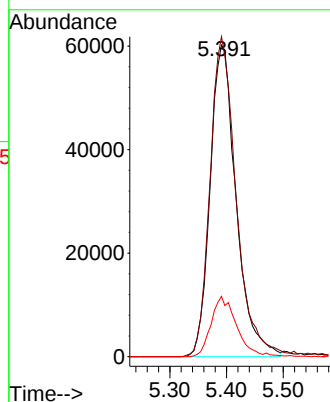
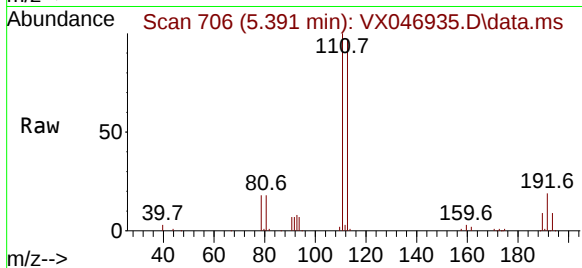
Tgt Ion:113 Resp: 191587

Ion Ratio Lower Upper

113 100

111 103.2 81.2 121.8

192 19.1 15.3 22.9



#36

1,1-Dichloropropene

Concen: 4.827 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.153 min

Lab File: VX046935.D

Acq: 10 Jul 2025 11:44

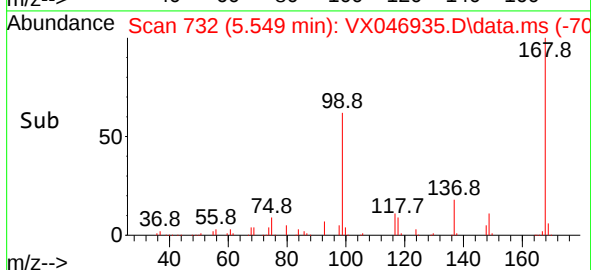
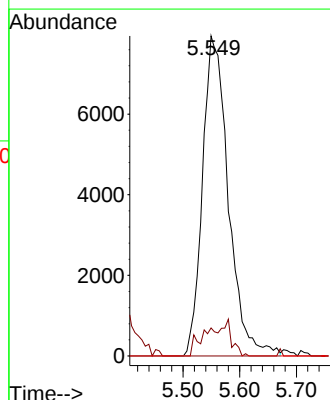
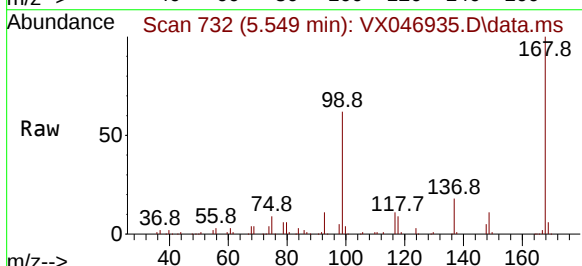
Tgt Ion: 75 Resp: 25153

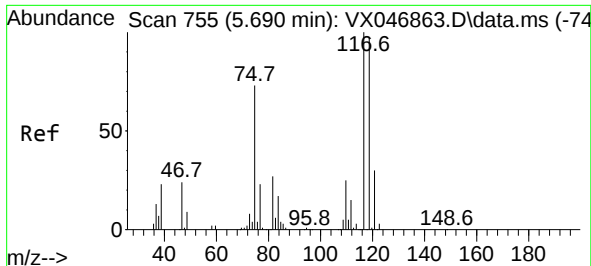
Ion Ratio Lower Upper

75 100

110 6.2 17.3 51.9#

77 0.0 24.2 36.4#

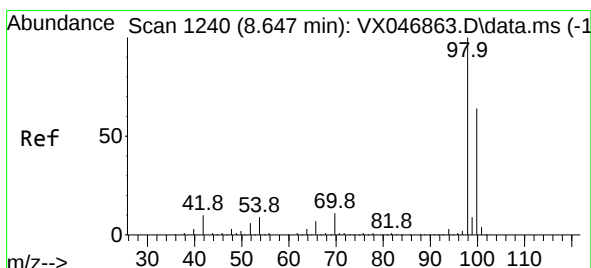
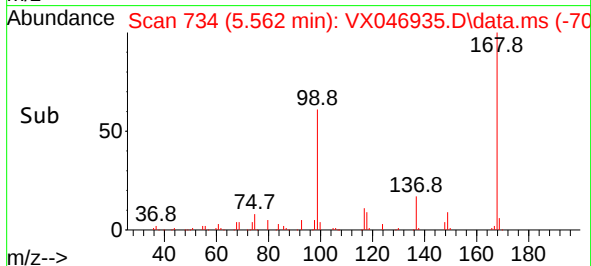
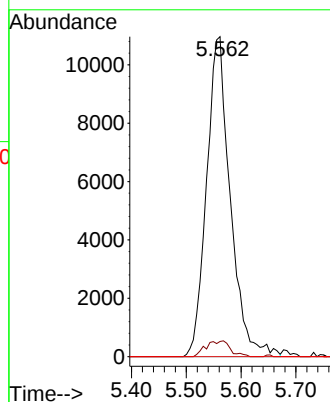
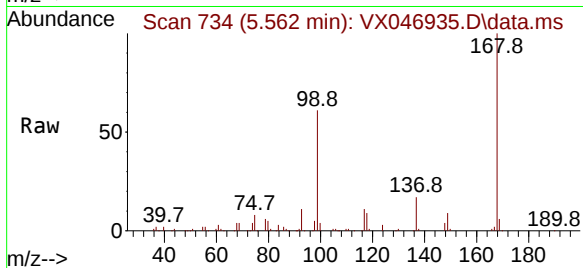




#38
Carbon Tetrachloride
Concen: 5.986 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

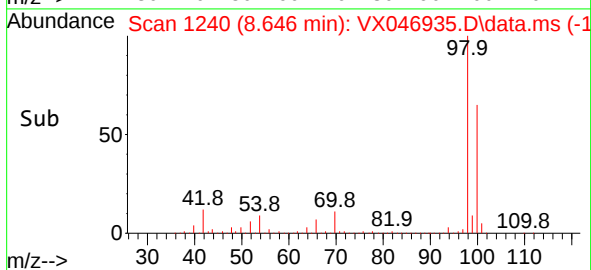
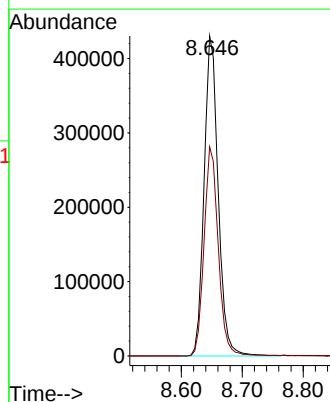
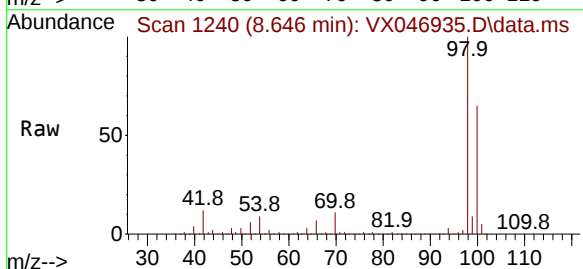
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VX0710WBL01

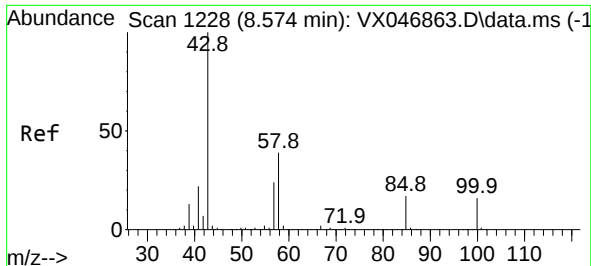
Tgt Ion:117 Resp: 32974
Ion Ratio Lower Upper
117 100
119 4.8 76.6 114.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 50.799 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

Tgt Ion: 98 Resp: 692184
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6

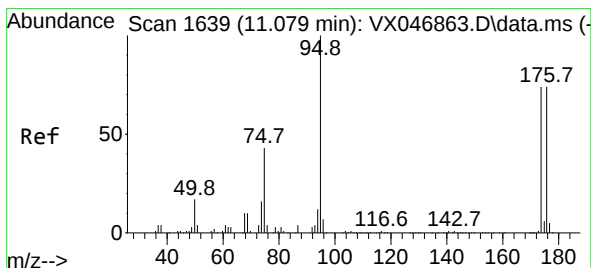
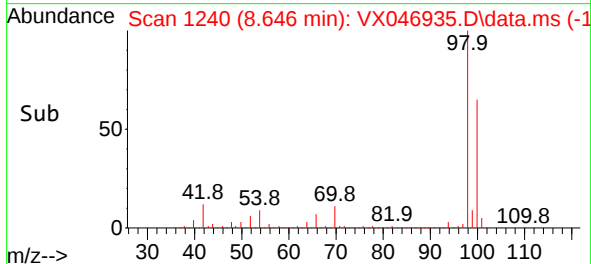
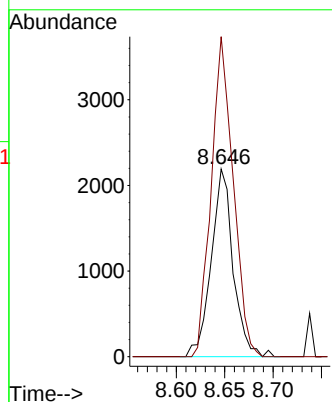
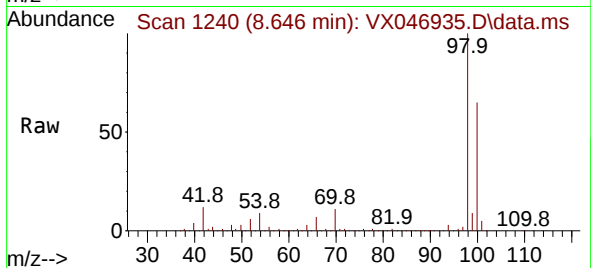




#51
4-Methyl-2-Pentanone
Concen: 0.860 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

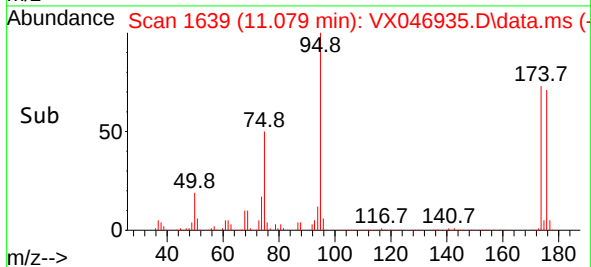
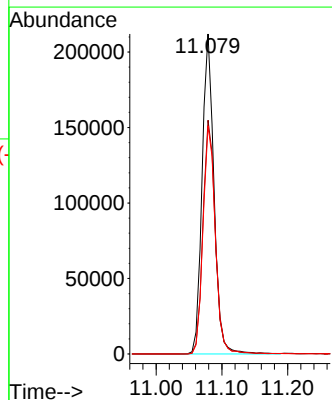
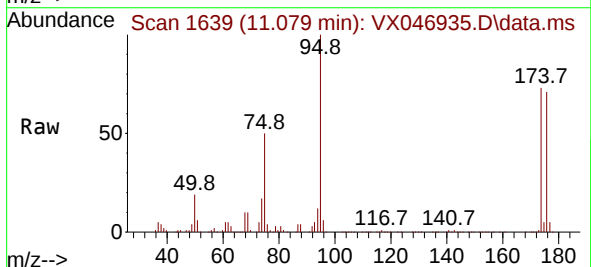
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBL01

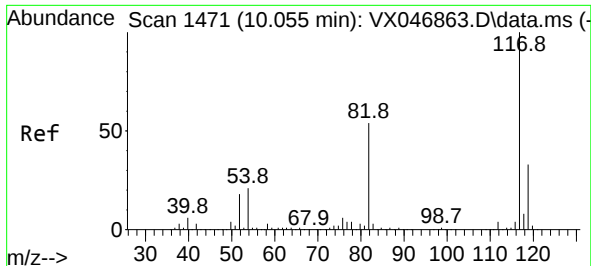
Tgt Ion: 43 Resp: 3451
Ion Ratio Lower Upper
43 100
58 171.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.513 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

Tgt Ion: 95 Resp: 266771
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.0
176 73.7 0.0 145.2

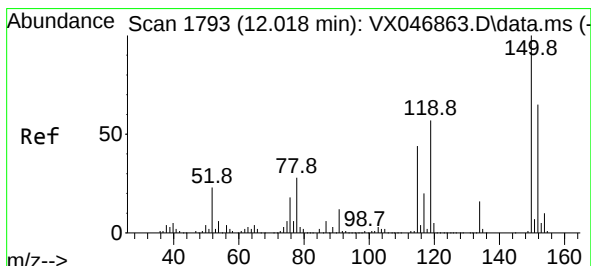
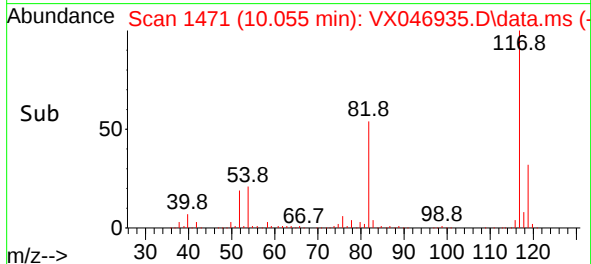
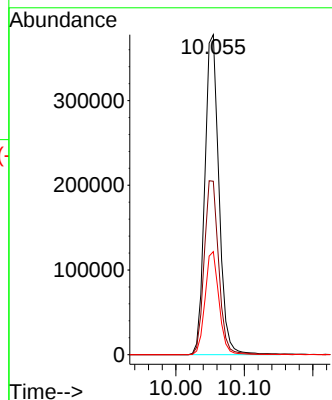
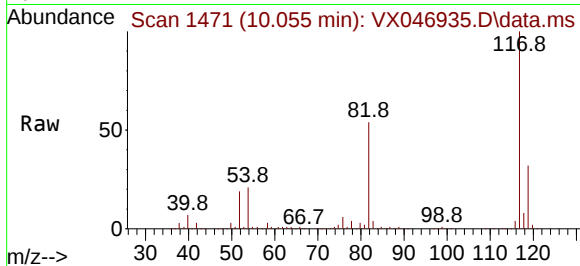




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

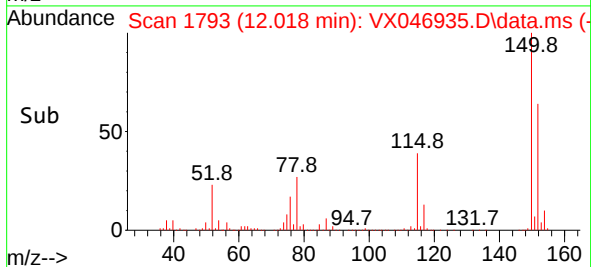
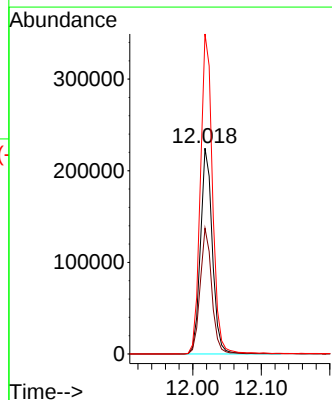
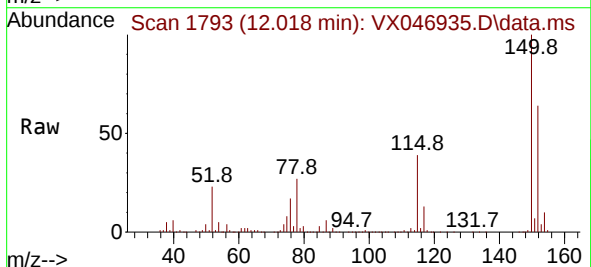
Instrument :
MSVOA_X
ClientSampleId :
VX0710WBL01

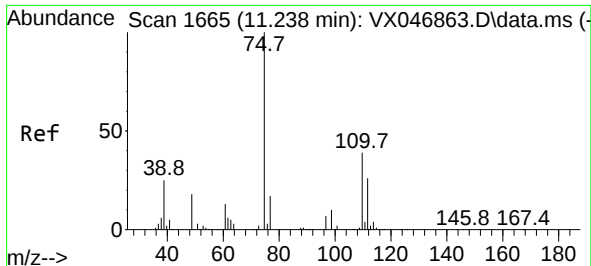
Tgt Ion:117 Resp: 543608
Ion Ratio Lower Upper
117 100
82 54.2 43.3 64.9
119 32.2 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

Tgt Ion:152 Resp: 271904
Ion Ratio Lower Upper
152 100
115 59.8 42.4 127.1
150 158.6 0.0 349.2

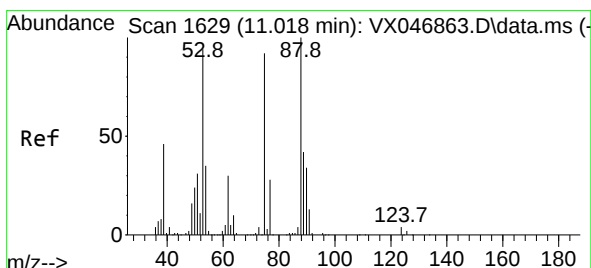
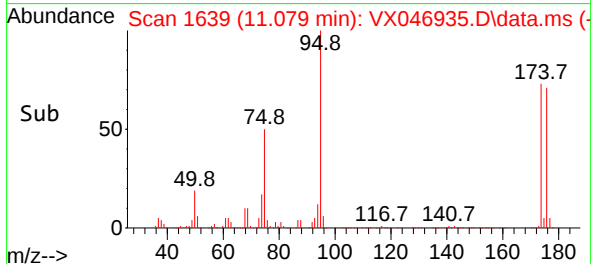
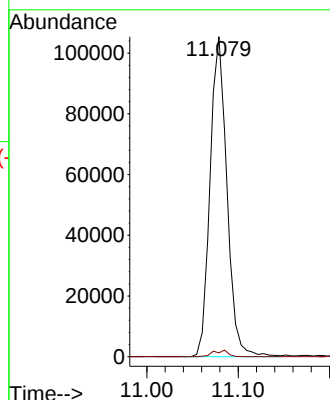
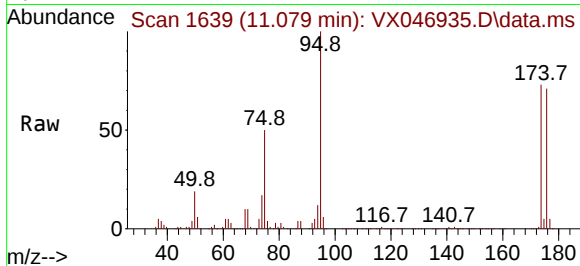




#76
1,2,3-Trichloropropane
Concen: 32.101 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBL01

Tgt Ion: 75 Resp: 134865
Ion Ratio Lower Upper
75 100
77 1.8 20.6 61.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.142 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.060 min
Lab File: VX046935.D
Acq: 10 Jul 2025 11:44

Tgt Ion: 75 Resp: 134865
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 38.2 57.2#

