

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
 Data File : VX045978.D
 Acq On : 29 Apr 2025 13:35
 Operator : JC/MD
 Sample : Q1901-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB04262025

Quant Time: Apr 30 01:38:29 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)

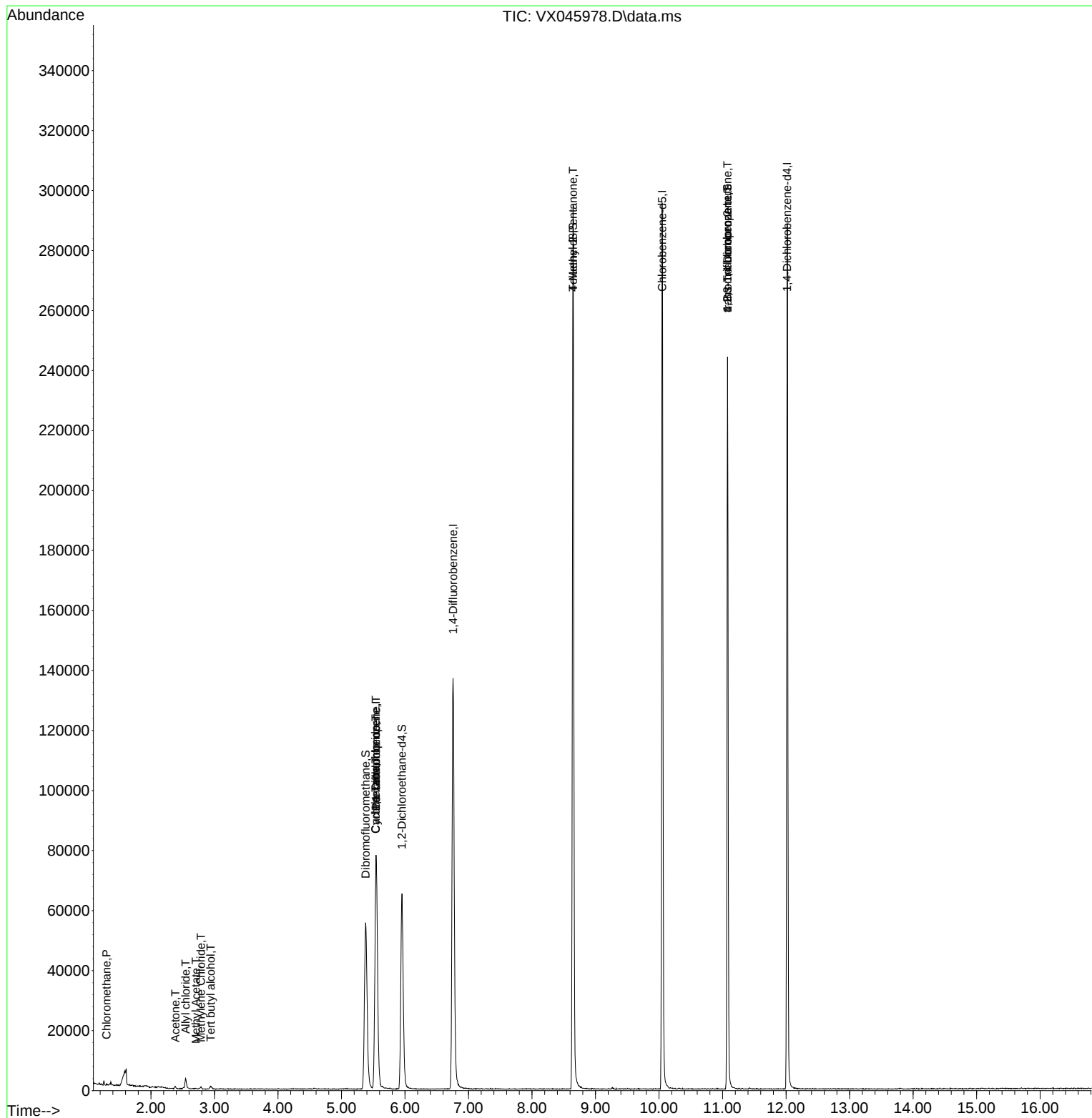
Internal Standards						
1) Pentafluorobenzene	5.544	168	67274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131446	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66629	54.158	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.320%	
35) Dibromofluoromethane	5.379	113	48413	51.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.820%	
50) Toluene-d8	8.647	98	165475	50.834	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	11.079	95	63879	53.875	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	376	0.364	ug/l	95
11) Tert butyl alcohol	2.940	59	464	2.806	ug/l #	72
14) Allyl chloride	2.544	41	381	0.249	ug/l #	63
16) Acetone	2.386	43	854	1.690	ug/l	91
18) Methyl Acetate	2.709	43	282	0.242	ug/l #	54
20) Methylene Chloride	2.788	84	250	0.264	ug/l	90
31) Cyclohexane	5.538	56	1959	1.298	ug/l #	47
36) 1,1-Dichloropropene	5.544	75	6689	5.312	ug/l #	47
38) Carbon Tetrachloride	5.538	117	7720	5.673	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	920	0.577	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36197	27.594	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36197	93.652	ug/l #	1

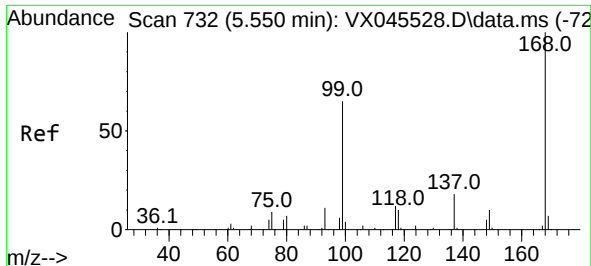
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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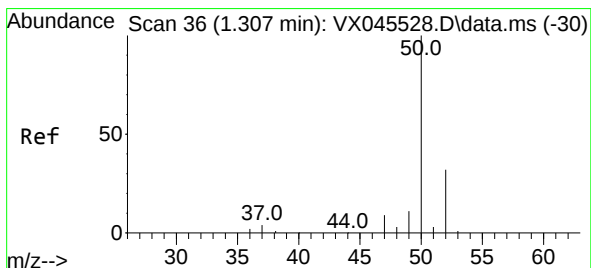
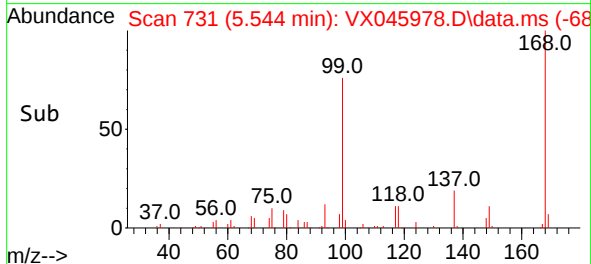
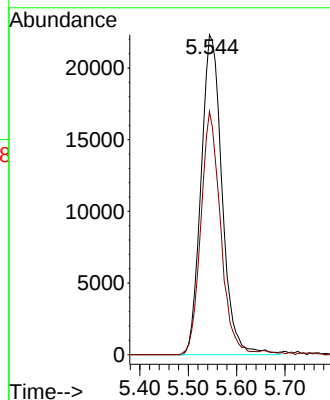
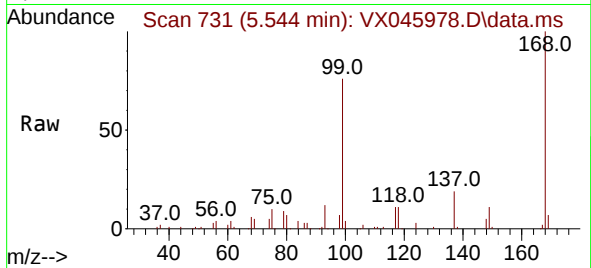




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045978.D
Acq: 29 Apr 2025 13:35

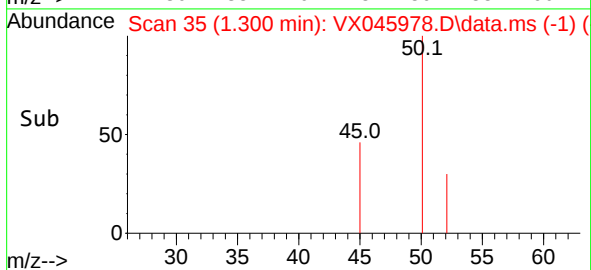
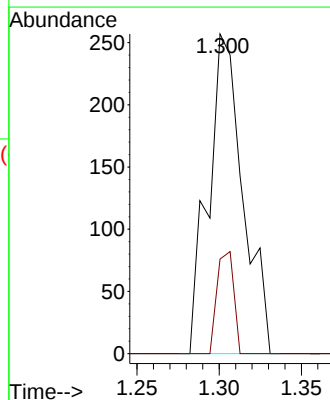
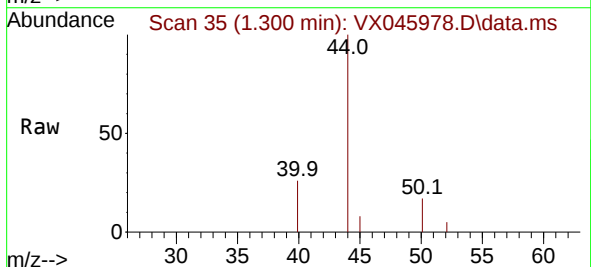
Instrument :
MSVOA_X
ClientSampleId :
TB04262025

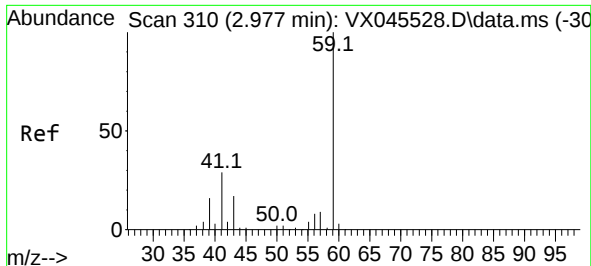
Tgt Ion:168 Resp: 67274
Ion Ratio Lower Upper
168 100
99 76.0 52.3 78.5



#3
Chloromethane
Concen: 0.364 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045978.D
Acq: 29 Apr 2025 13:35

Tgt Ion: 50 Resp: 376
Ion Ratio Lower Upper
50 100
52 29.6 25.9 38.9

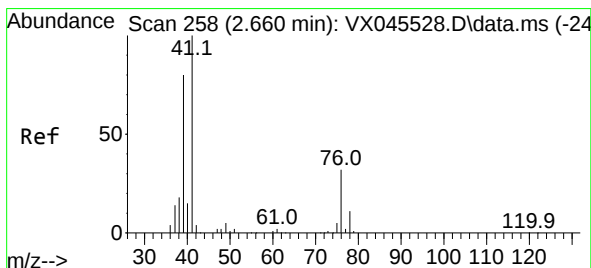
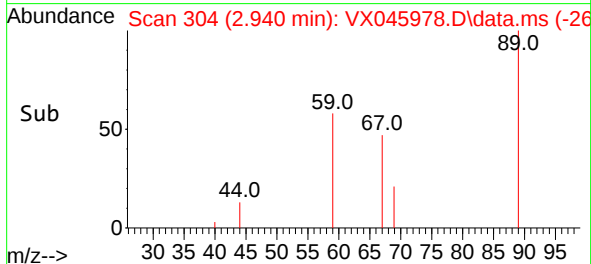
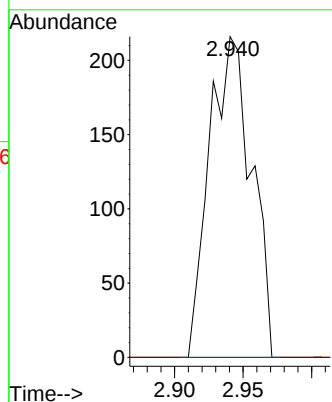
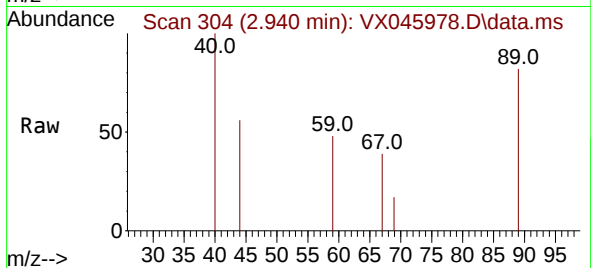




#11
Tert butyl alcohol
Concen: 2.806 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX045978.D
Acq: 29 Apr 2025 13:35

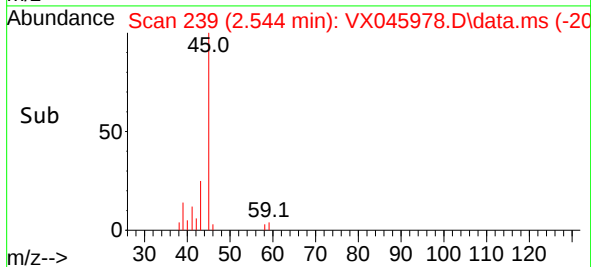
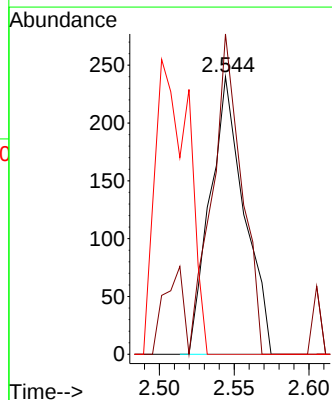
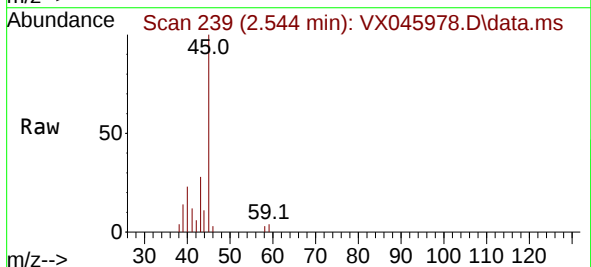
Instrument :
MSVOA_X
ClientSampleId :
TB04262025

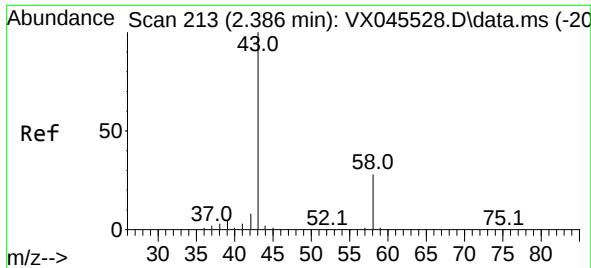
Tgt Ion: 59 Resp: 464
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#14
Allyl chloride
Concen: 0.249 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.116 min
Lab File: VX045978.D
Acq: 29 Apr 2025 13:35

Tgt Ion: 41 Resp: 381
Ion Ratio Lower Upper
41 100
39 100.3 60.2 90.2#
76 0.0 24.6 36.8#

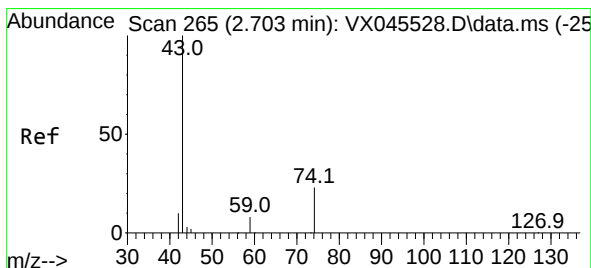
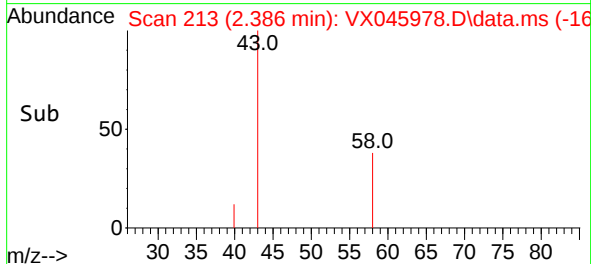
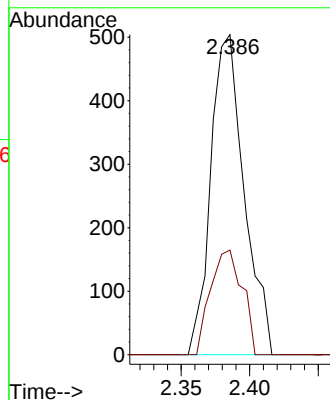
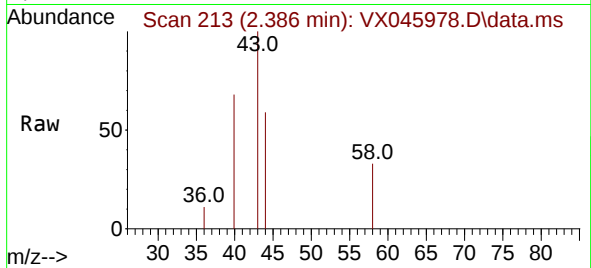




#16
Acetone
Concen: 1.690 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045978.D
Acq: 29 Apr 2025 13:35

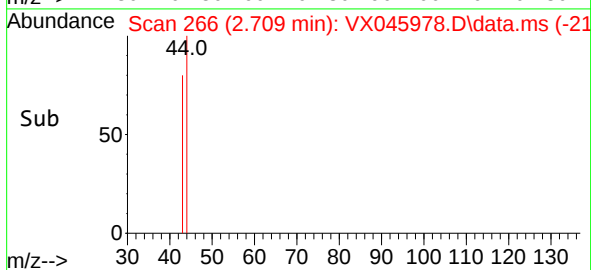
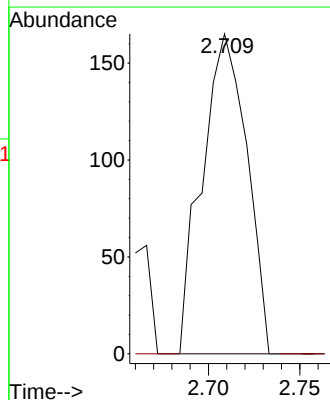
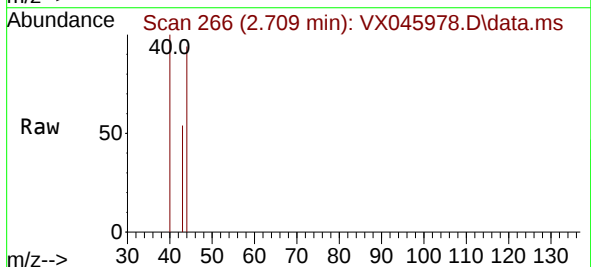
Instrument :
MSVOA_X
ClientSampleId :
TB04262025

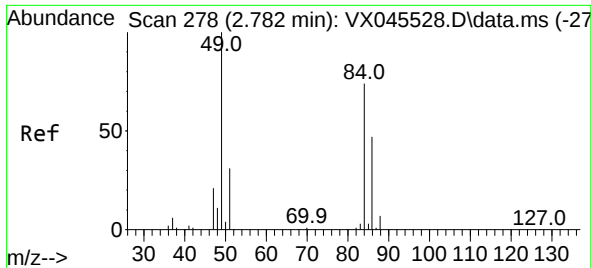
Tgt Ion: 43 Resp: 854
Ion Ratio Lower Upper
43 100
58 32.7 22.3 33.5



#18
Methyl Acetate
Concen: 0.242 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045978.D
Acq: 29 Apr 2025 13:35

Tgt Ion: 43 Resp: 282
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



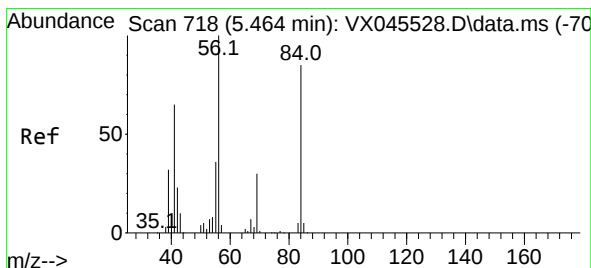
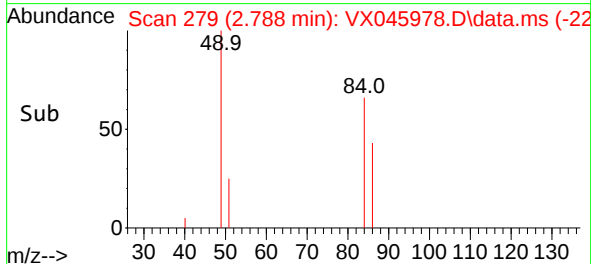
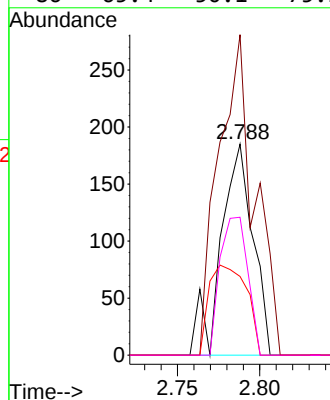
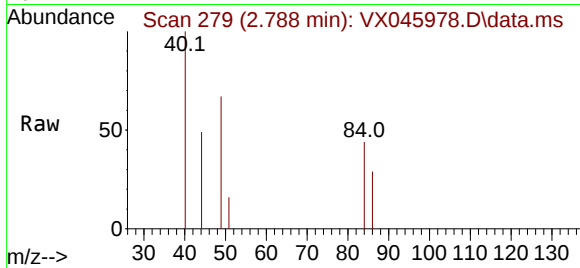


#20
Methylene Chloride
Concen: 0.264 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045978.D
Acq: 29 Apr 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
TB04262025

Tgt Ion: 84 Resp: 250

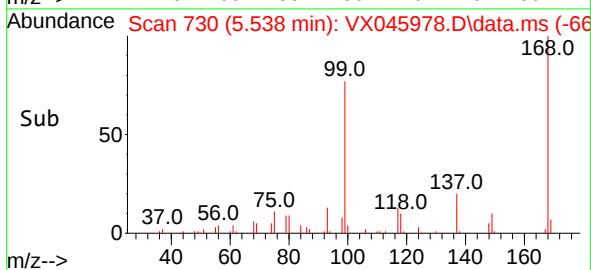
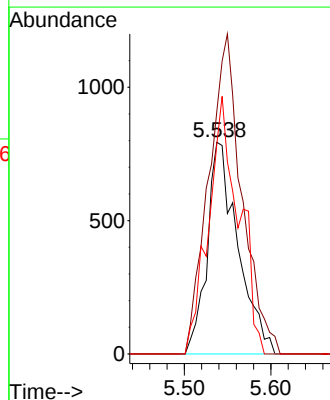
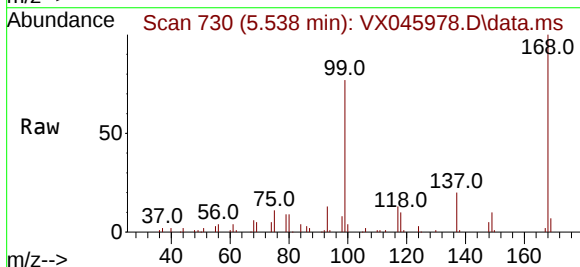
Ion	Ratio	Lower	Upper
84	100		
49	151.9	107.5	161.3
51	37.3	33.0	49.6
86	65.4	50.1	75.1

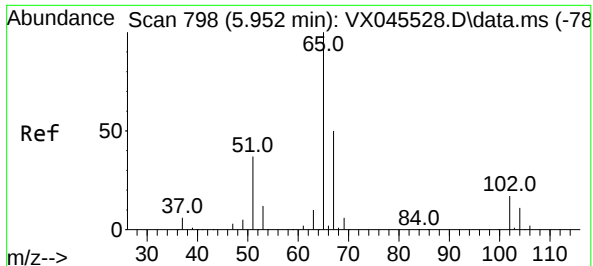


#31
Cyclohexane
Concen: 1.298 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX045978.D
Acq: 29 Apr 2025 13:35

Tgt Ion: 56 Resp: 1959

Ion	Ratio	Lower	Upper
56	100		
69	114.6	23.6	35.4#
84	99.1	67.7	101.5





#33

1,2-Dichloroethane-d4

Concen: 54.158 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045978.D

Acq: 29 Apr 2025 13:35

Instrument :

MSVOA_X

ClientSampleId :

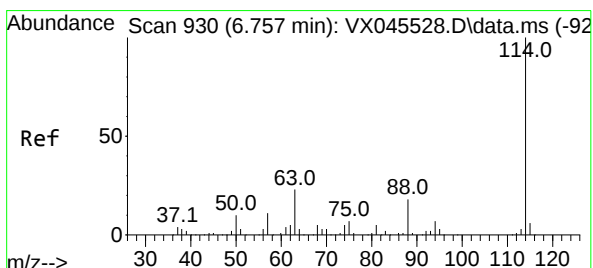
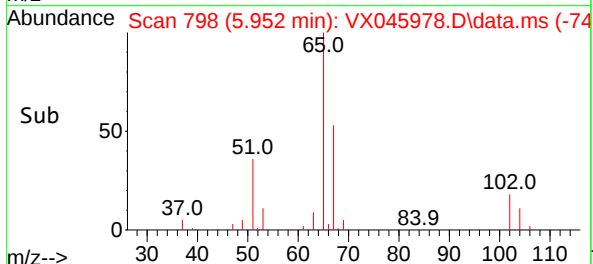
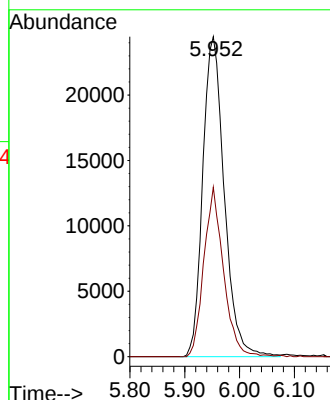
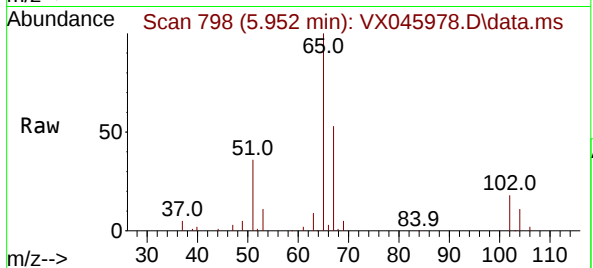
TB04262025

Tgt Ion: 65 Resp: 66629

Ion Ratio Lower Upper

65 100

67 48.3 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: VX045978.D

Acq: 29 Apr 2025 13:35

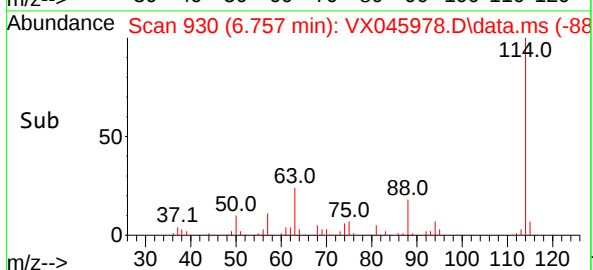
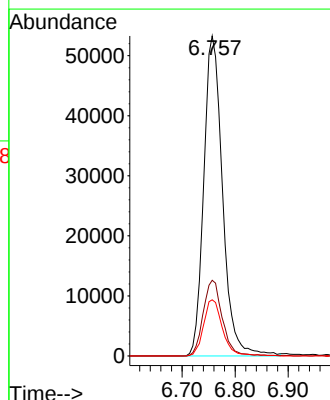
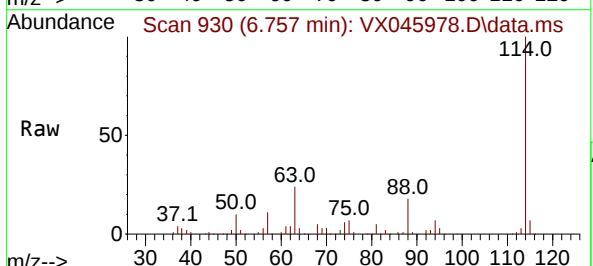
Tgt Ion: 114 Resp: 131446

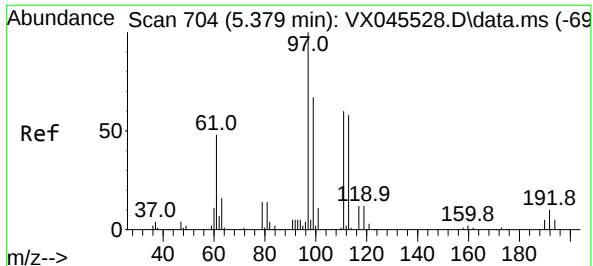
Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.8

88 17.5 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.911 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045978.D

Acq: 29 Apr 2025 13:35

Instrument :

MSVOA_X

ClientSampleId :

TB04262025

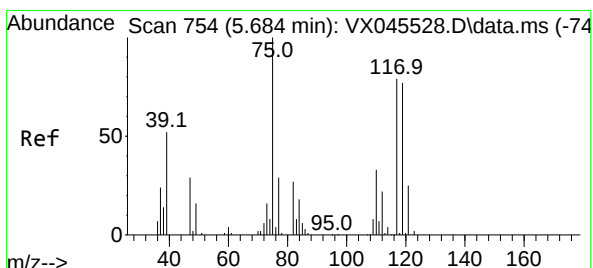
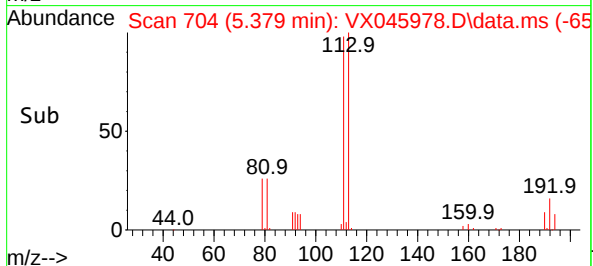
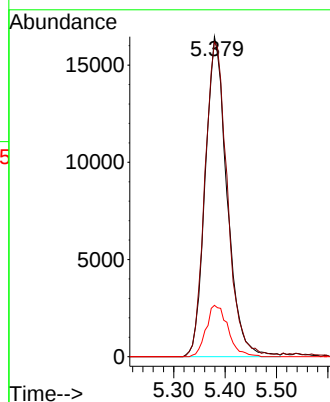
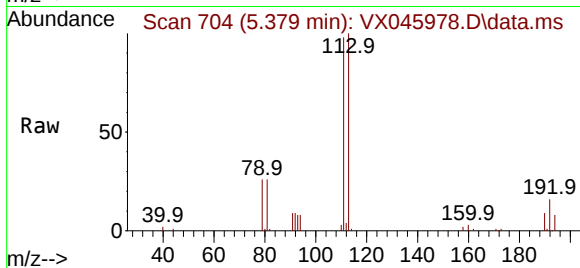
Tgt Ion:113 Resp: 48413

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.6

192 16.2 13.8 20.6



#36

1,1-Dichloropropene

Concen: 5.312 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX045978.D

Acq: 29 Apr 2025 13:35

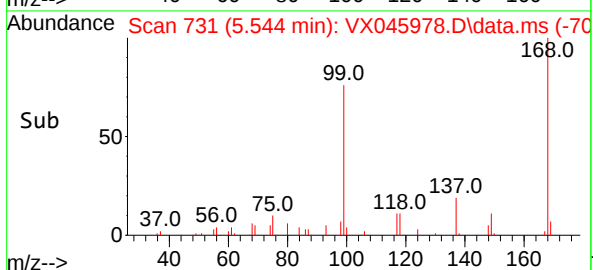
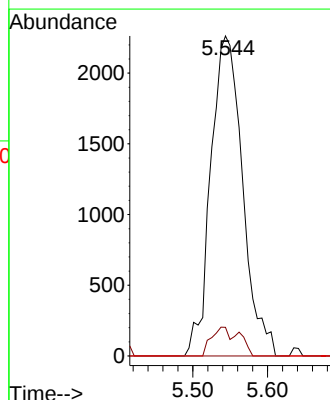
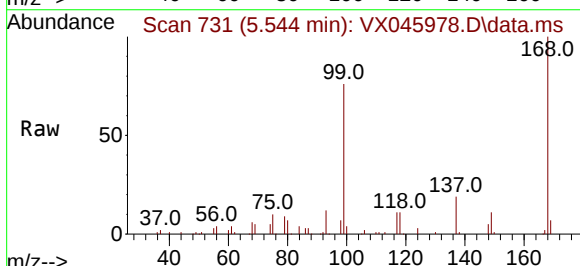
Tgt Ion: 75 Resp: 6689

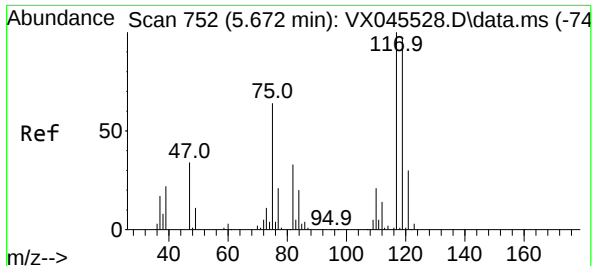
Ion Ratio Lower Upper

75 100

110 5.8 16.9 50.6#

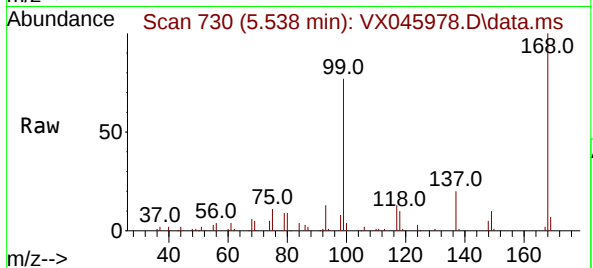
77 0.0 25.0 37.4#



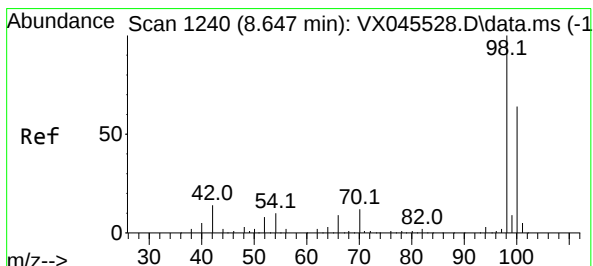
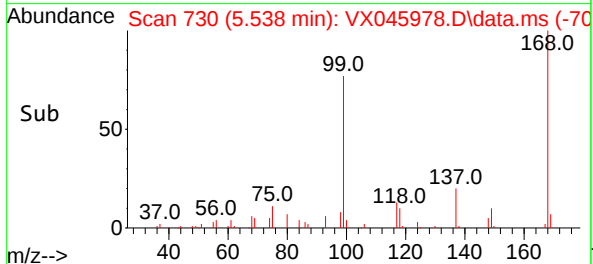
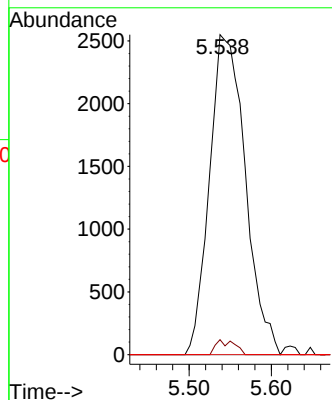


#38
Carbon Tetrachloride
Concen: 5.673 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX045978.D
Acq: 29 Apr 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
TB04262025

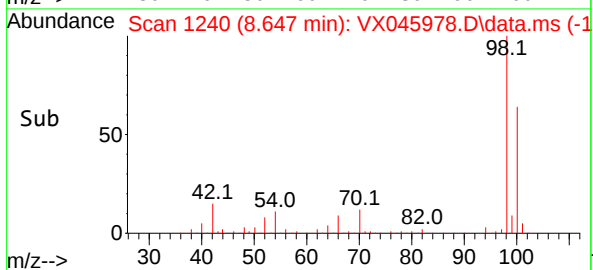
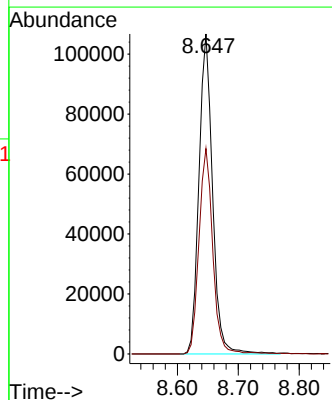
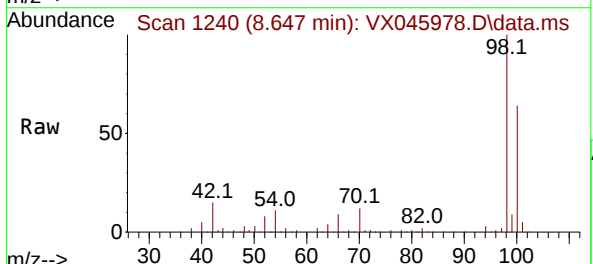


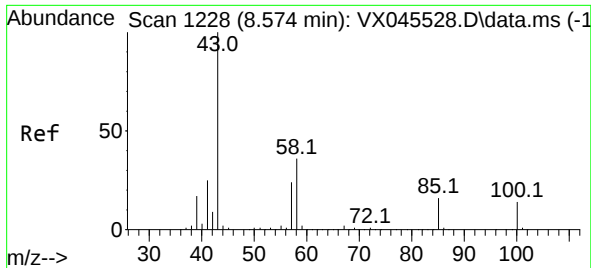
Tgt Ion:117 Resp: 7720
Ion Ratio Lower Upper
117 100
119 4.7 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.834 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045978.D
Acq: 29 Apr 2025 13:35

Tgt Ion: 98 Resp: 165475
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4

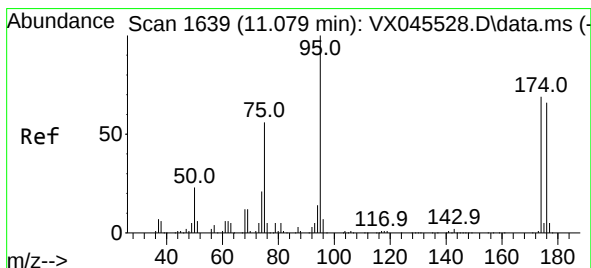
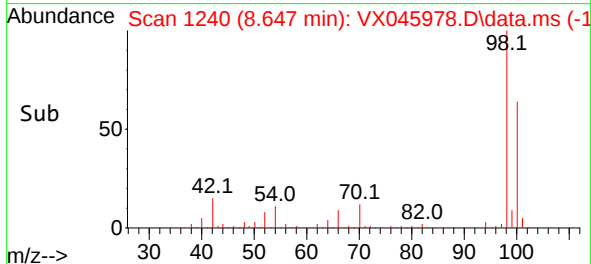
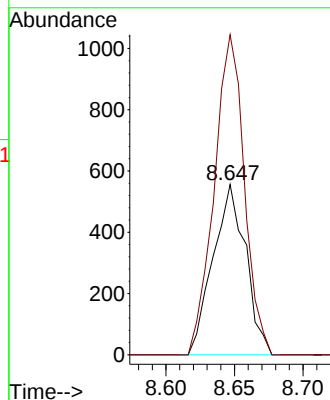
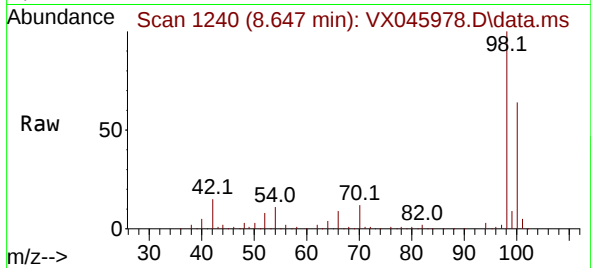




#51
4-Methyl-2-Pentanone
Concen: 0.577 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045978.D
Acq: 29 Apr 2025 13:35

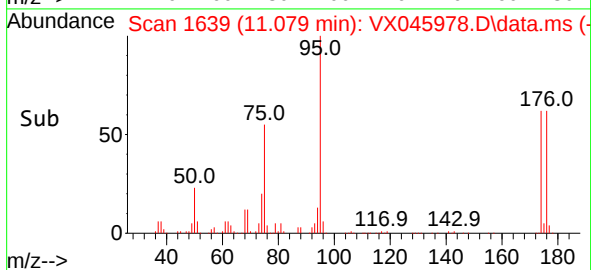
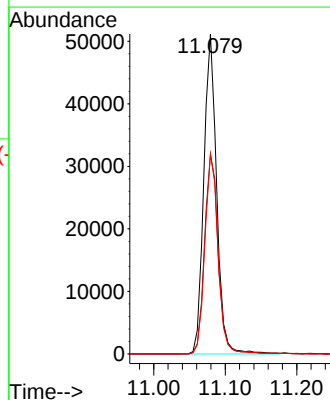
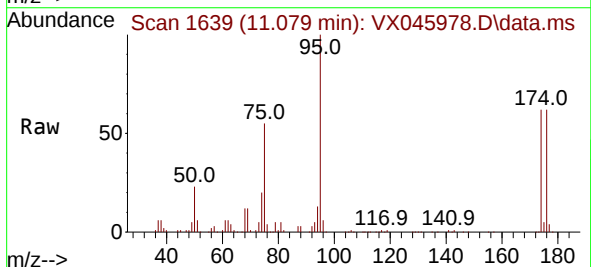
Instrument :
MSVOA_X
ClientSampleId :
TB04262025

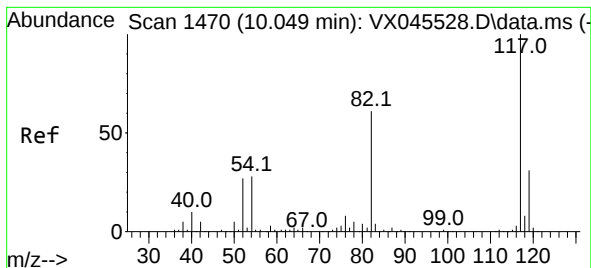
Tgt Ion: 43 Resp: 920
Ion Ratio Lower Upper
43 100
58 173.8 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 53.875 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045978.D
Acq: 29 Apr 2025 13:35

Tgt Ion: 95 Resp: 63879
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.8
176 64.0 0.0 131.4

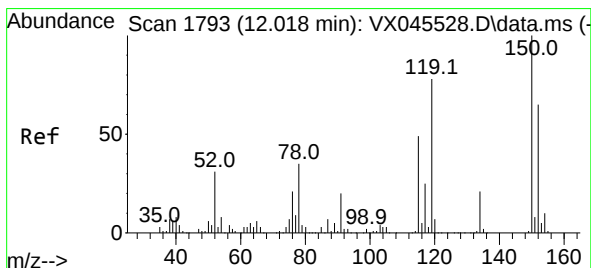
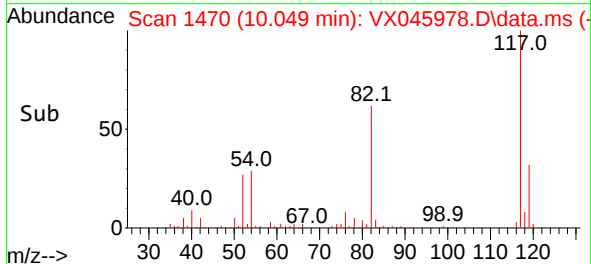
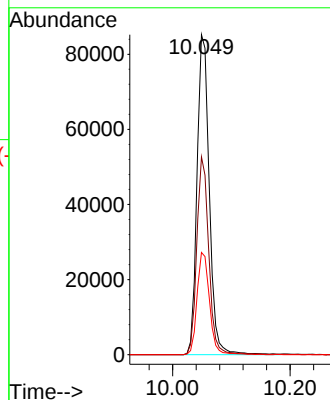
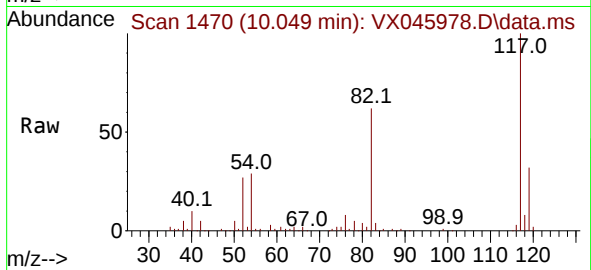




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045978.D
Acq: 29 Apr 2025 13:35

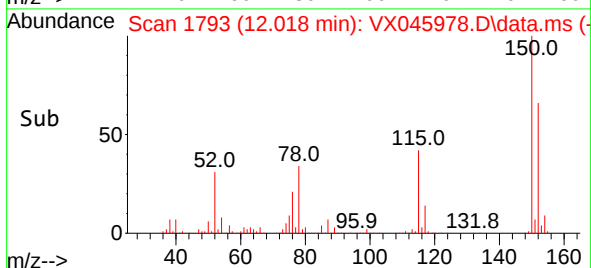
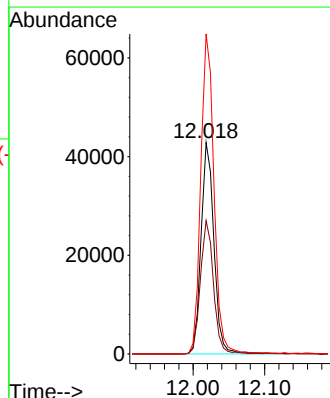
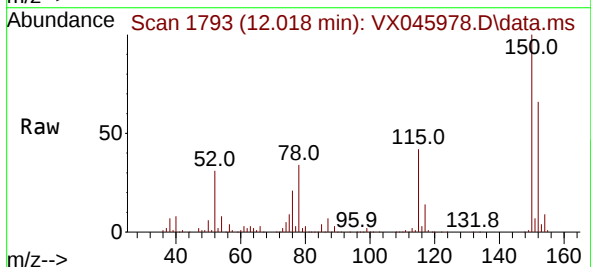
Instrument :
MSVOA_X
ClientSampleId :
TB04262025

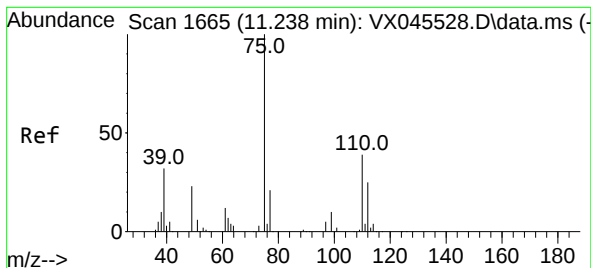
Tgt Ion:117 Resp: 123412
Ion Ratio Lower Upper
117 100
82 61.8 49.2 73.8
119 31.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045978.D
Acq: 29 Apr 2025 13:35

Tgt Ion:152 Resp: 53777
Ion Ratio Lower Upper
152 100
115 63.8 46.9 140.7
150 155.3 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 27.594 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045978.D

Acq: 29 Apr 2025 13:35

Instrument :

MSVOA_X

ClientSampleId :

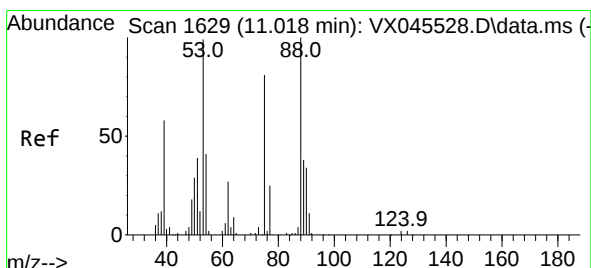
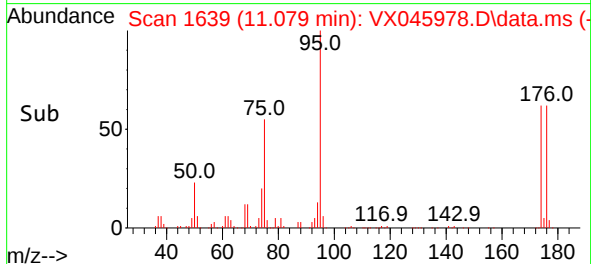
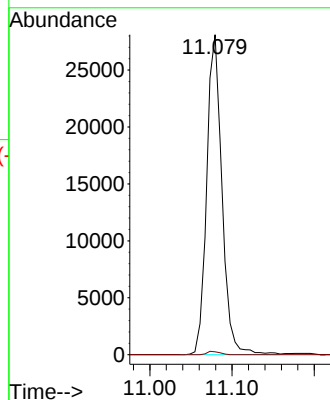
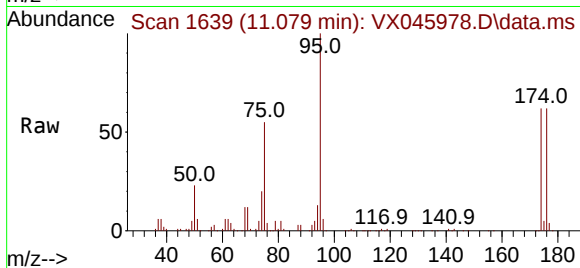
TB04262025

Tgt Ion: 75 Resp: 36197

Ion Ratio Lower Upper

75 100

77 0.9 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 93.652 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045978.D

Acq: 29 Apr 2025 13:35

Tgt Ion: 75 Resp: 36197

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

