

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047079.D
 Acq On : 23 Jul 2025 10:45
 Operator : JC/MD
 Sample : VX0723WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBL01

Quant Time: Jul 24 05:44:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

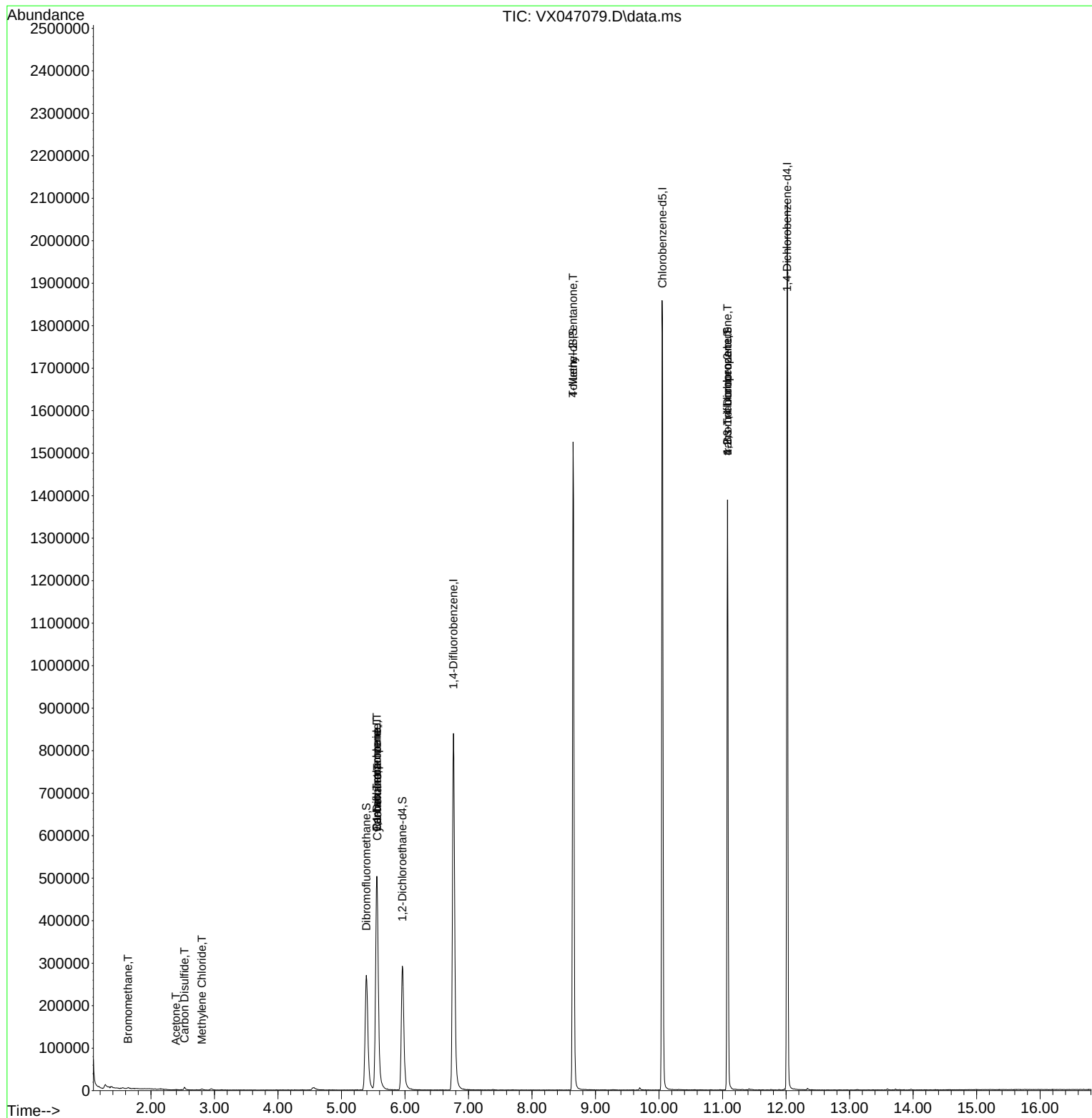
Internal Standards						
1) Pentafluorobenzene	5.556	168	495715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	888951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	838806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	406646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	306719	49.671	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	99.340%	
35) Dibromofluoromethane	5.391	113	259326	47.247	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.500%	
50) Toluene-d8	8.647	98	926506	52.124	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	104.240%	
62) 4-Bromofluorobenzene	11.079	95	370567	48.377	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	96.760%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	1382	0.363	ug/l	99
11) Tert butyl alcohol	2.953	59	572	Below Cal	#	72
16) Acetone	2.392	43	535	0.216	ug/l #	68
17) Carbon Disulfide	2.526	76	7202	0.400	ug/l	99
20) Methylene Chloride	2.800	84	1395	0.205	ug/l #	78
31) Cyclohexane	5.562	56	11229	0.973	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	42057	4.495	ug/l #	50
38) Carbon Tetrachloride	5.556	117	54079	5.416	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	4381	0.548	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	194938	25.899	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	194938	66.726	ug/l #	8

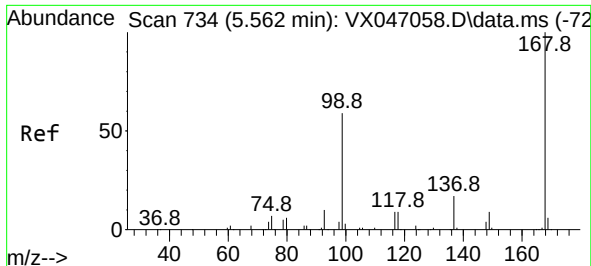
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
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MSVOA_X
ClientSampleId :
VX0723WBL01

Quant Time: Jul 24 05:44:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

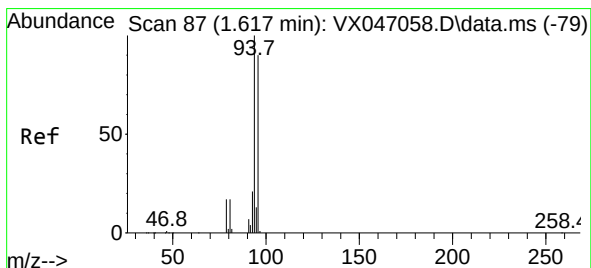
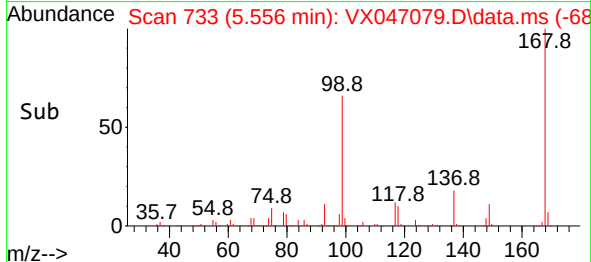
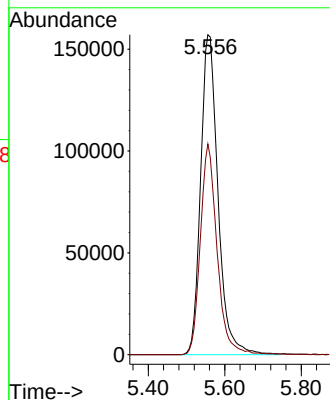
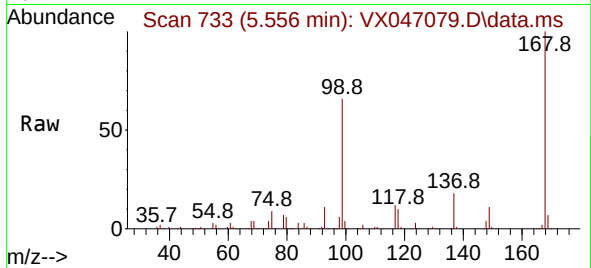




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

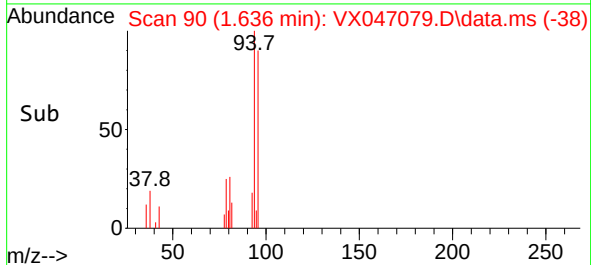
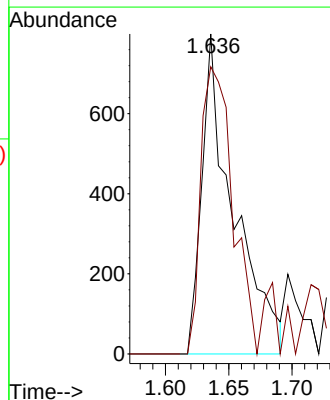
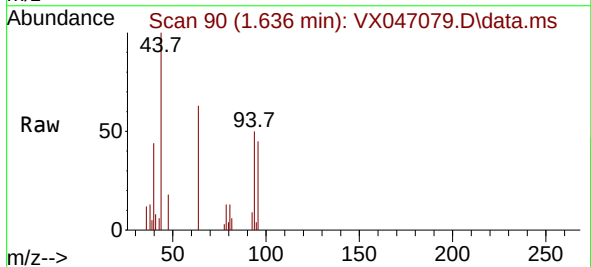
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

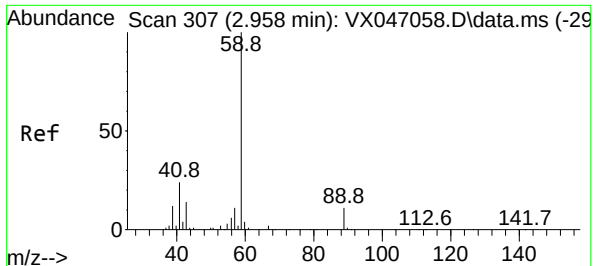
Tgt Ion:168 Resp: 495715
Ion Ratio Lower Upper
168 100
99 65.8 48.0 72.0



#5
Bromomethane
Concen: 0.363 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.019 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

Tgt Ion: 94 Resp: 1382
Ion Ratio Lower Upper
94 100
96 89.7 72.3 108.5





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 307

Delta R.T. -0.005 min

Lab File: VX047079.D

Acq: 23 Jul 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

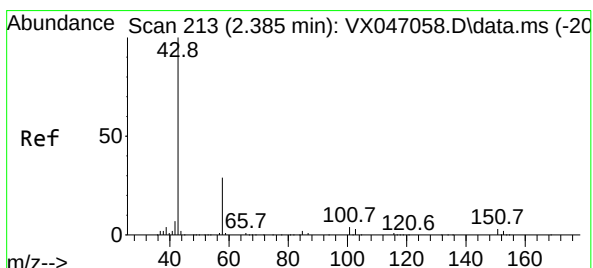
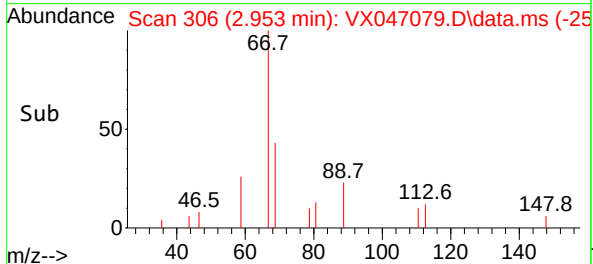
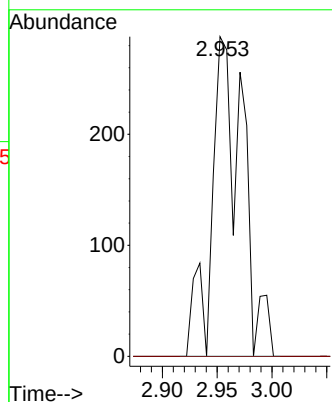
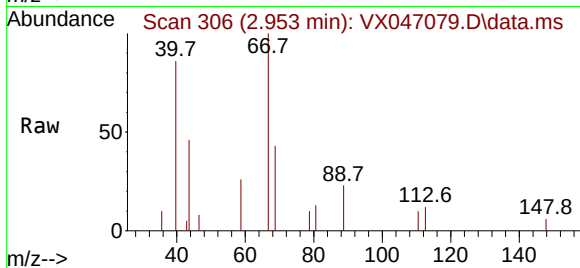
VX0723WBL01

Tgt Ion: 59 Resp: 572

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#16

Acetone

Concen: 0.216 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX047079.D

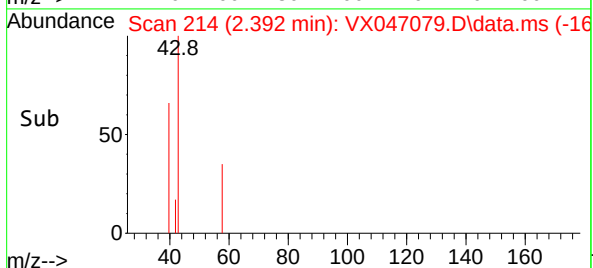
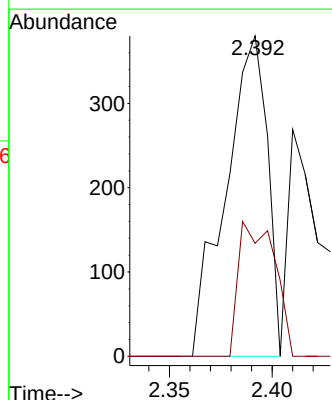
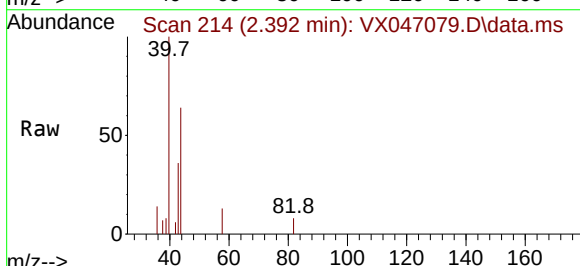
Acq: 23 Jul 2025 10:45

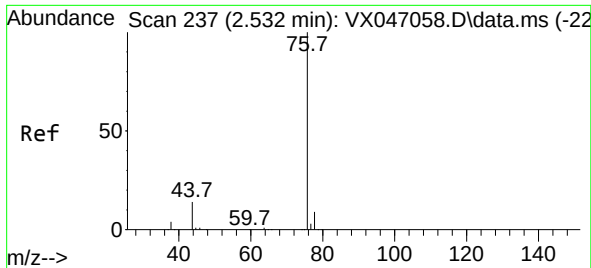
Tgt Ion: 43 Resp: 535

Ion Ratio Lower Upper

43 100

58 12.6 24.0 36.0#

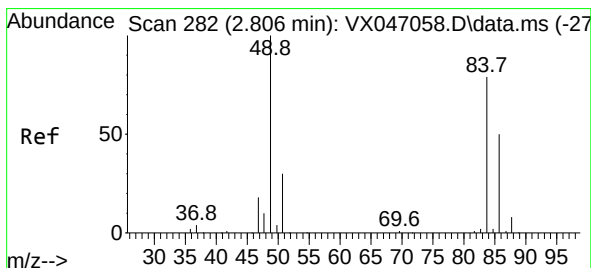
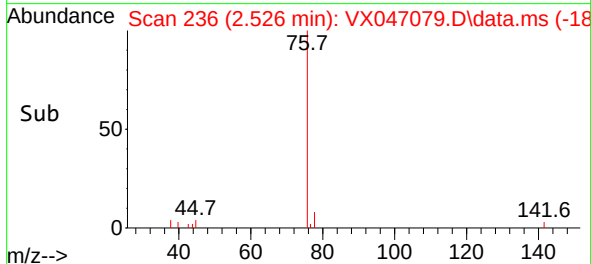
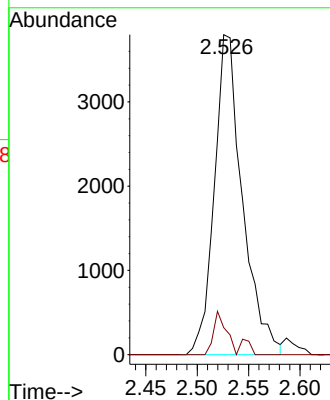
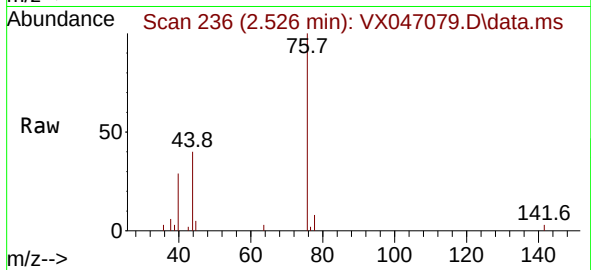




#17
Carbon Disulfide
Concen: 0.400 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

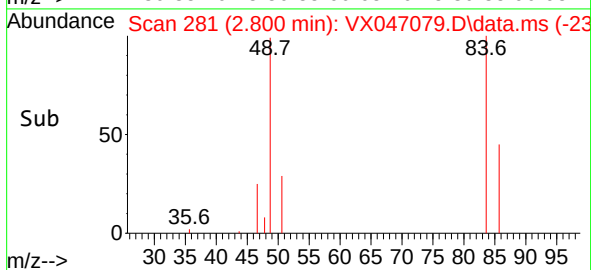
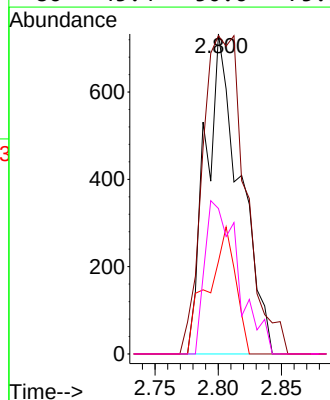
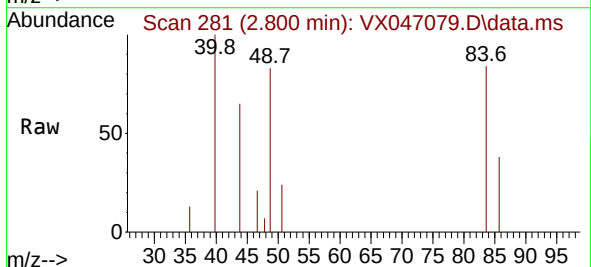
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

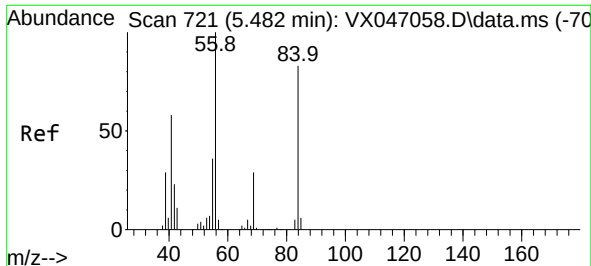
Tgt Ion: 76 Resp: 7202
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4



#20
Methylene Chloride
Concen: 0.205 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

Tgt Ion: 84 Resp: 1395
Ion Ratio Lower Upper
84 100
49 99.5 101.6 152.4#
51 28.9 30.3 45.5#
86 45.4 50.6 75.8#

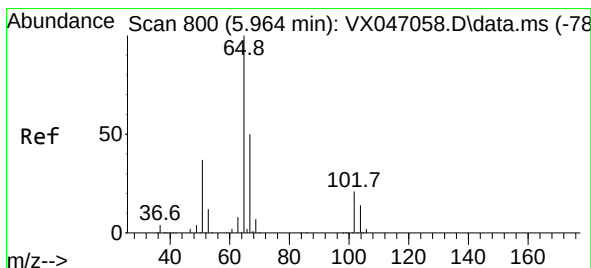
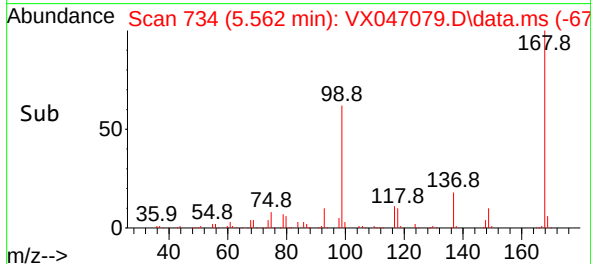
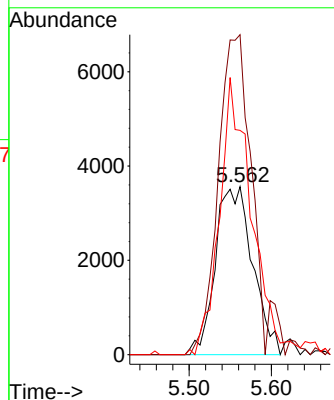
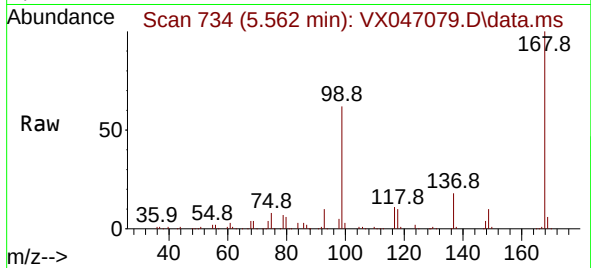




#31
Cyclohexane
Concen: 0.973 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

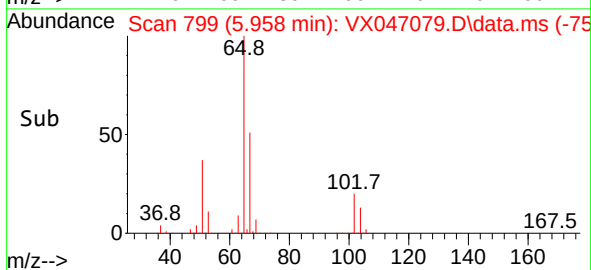
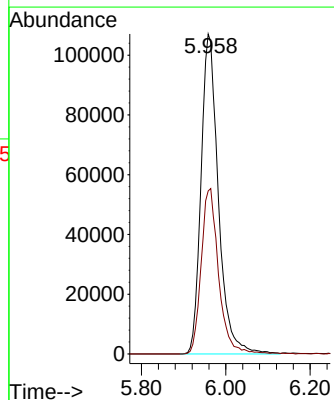
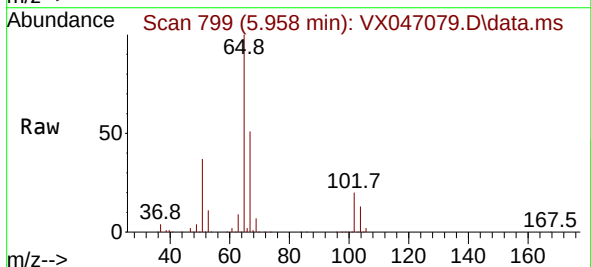
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

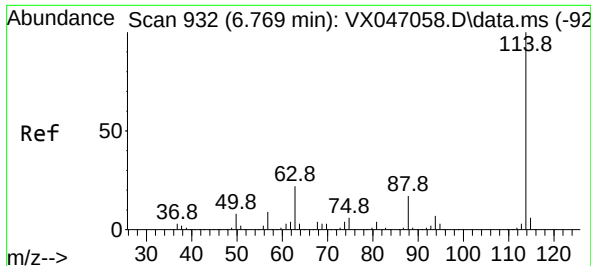
Tgt Ion: 56 Resp: 11229
Ion Ratio Lower Upper
56 100
69 187.1 23.3 34.9#
84 131.2 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 49.671 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

Tgt Ion: 65 Resp: 306719
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

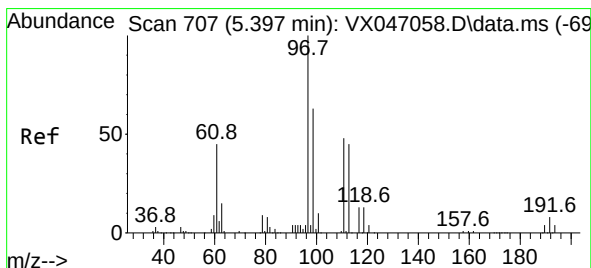
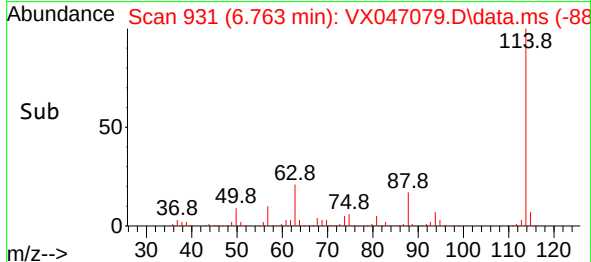
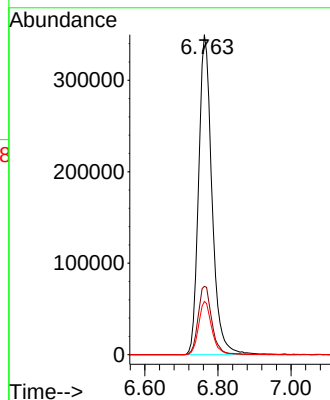
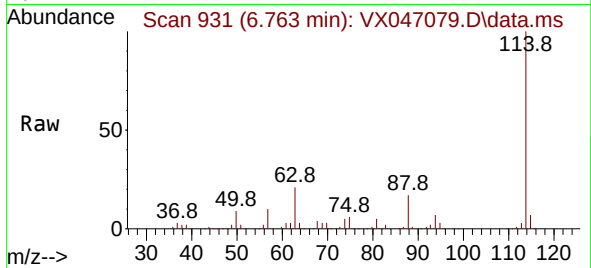




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

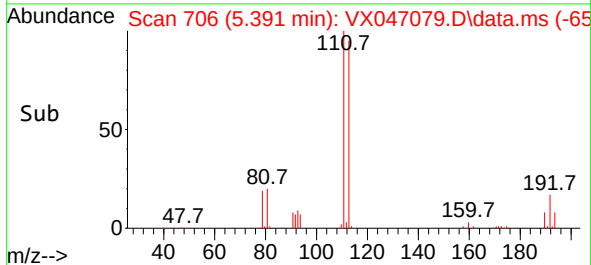
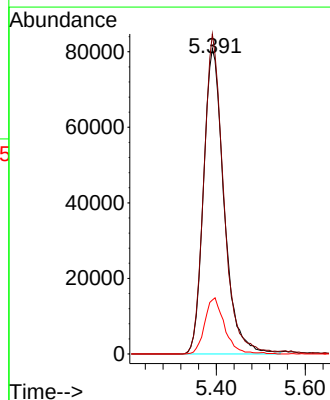
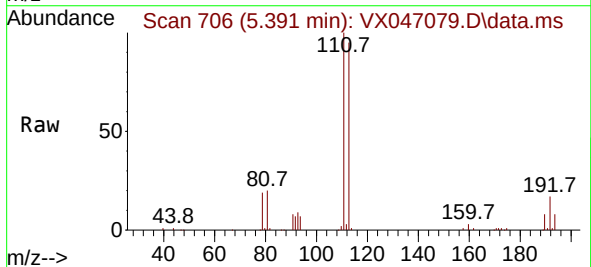
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

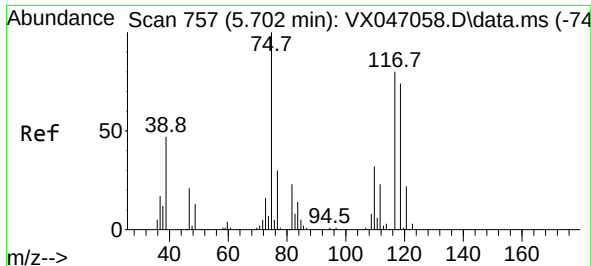
Tgt Ion:114 Resp: 888951
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.2
88 16.7 0.0 33.8



#35
Dibromofluoromethane
Concen: 47.247 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

Tgt Ion:113 Resp: 259326
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 17.6 14.9 22.3

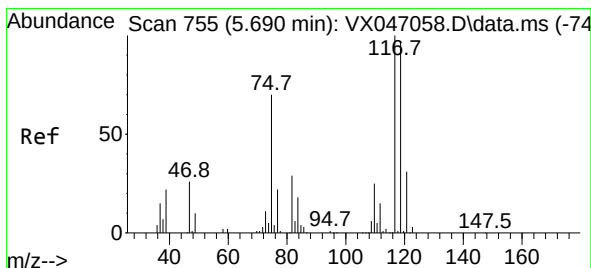
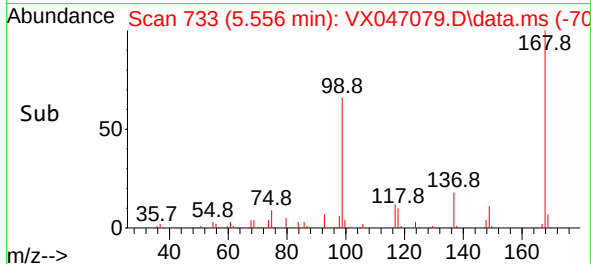
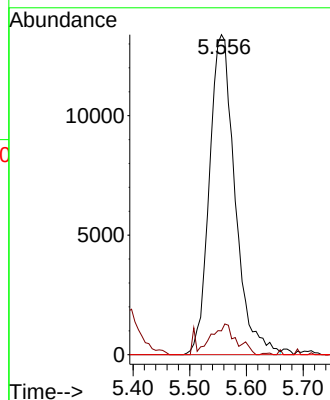
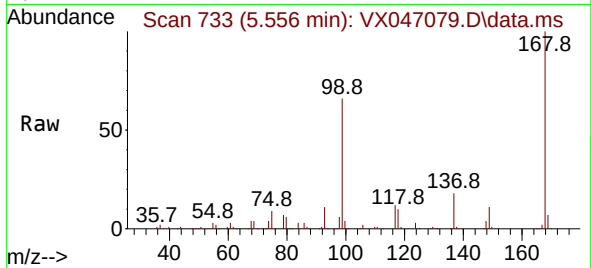




#36
1,1-Dichloropropene
Concen: 4.495 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

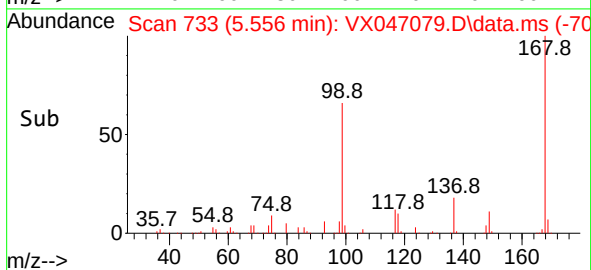
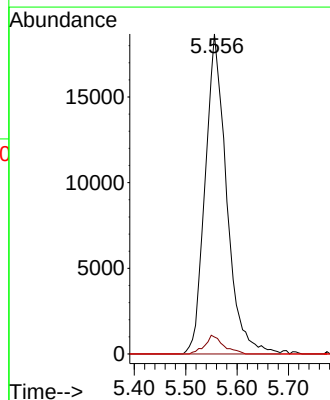
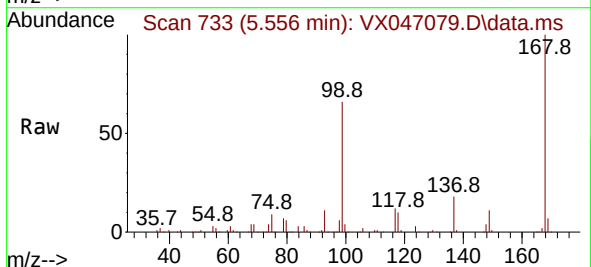
Instrument :
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ClientSampleId :
VX0723WBL01

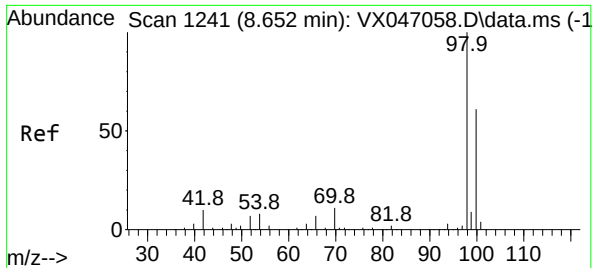
Tgt Ion: 75 Resp: 42057
Ion Ratio Lower Upper
75 100
110 9.0 17.2 51.5#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.416 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

Tgt Ion: 117 Resp: 54079
Ion Ratio Lower Upper
117 100
119 5.3 76.6 115.0#
121 0.0 24.4 36.6#

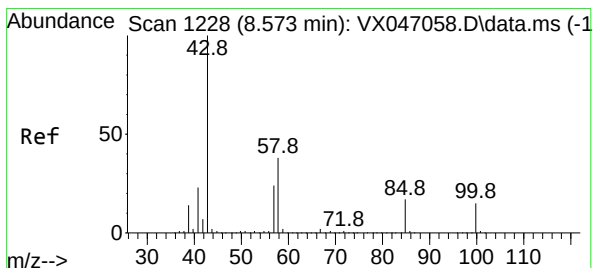
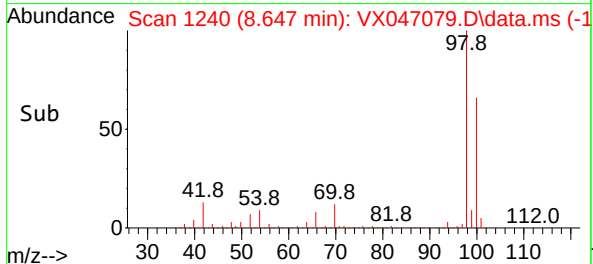
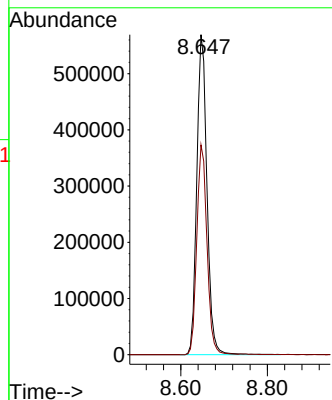
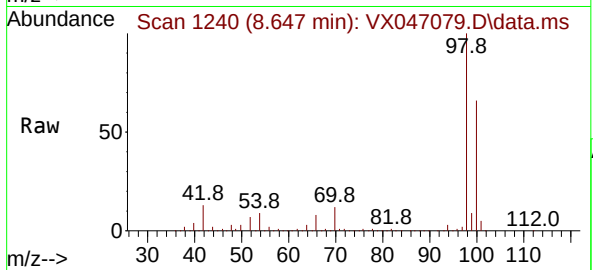




#50
Toluene-d8
Concen: 52.124 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

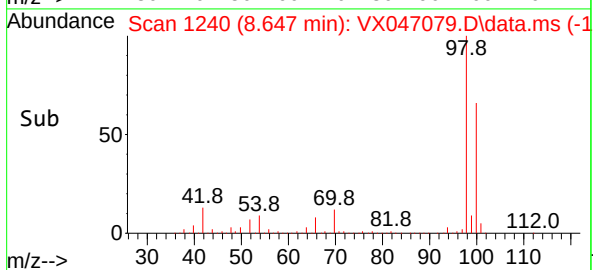
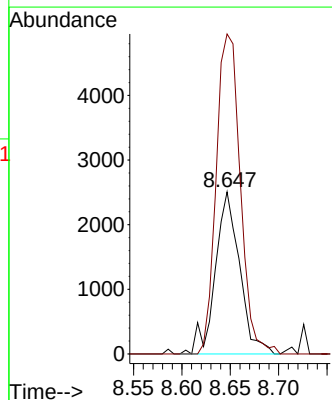
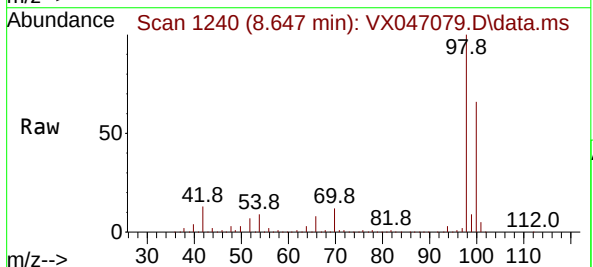
Instrument :
MSVOA_X
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VX0723WBL01

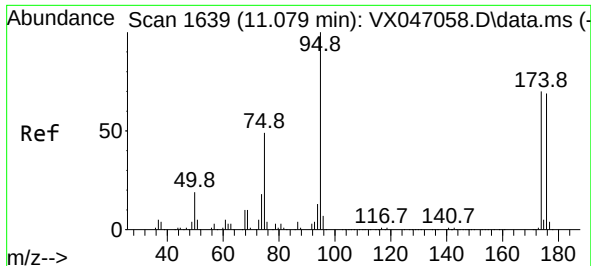
Tgt Ion: 98 Resp: 926506
Ion Ratio Lower Upper
98 100
100 65.7 53.3 79.9



#51
4-Methyl-2-Pentanone
Concen: 0.548 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

Tgt Ion: 43 Resp: 4381
Ion Ratio Lower Upper
43 100
58 195.5 30.6 45.8#

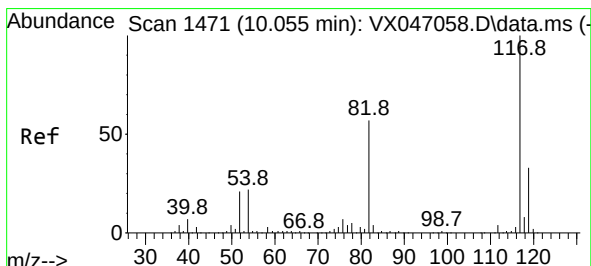
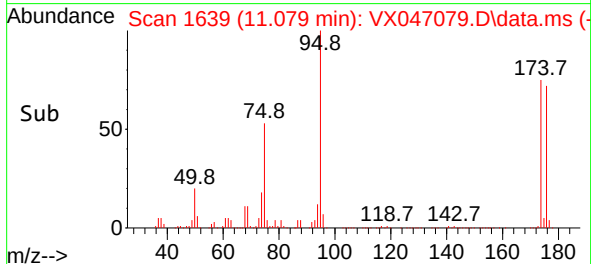
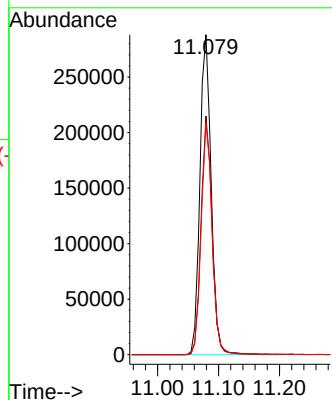
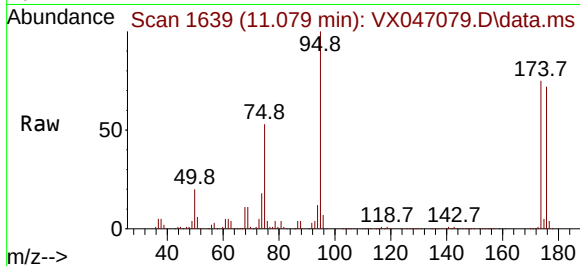




#62
4-Bromofluorobenzene
Concen: 48.377 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

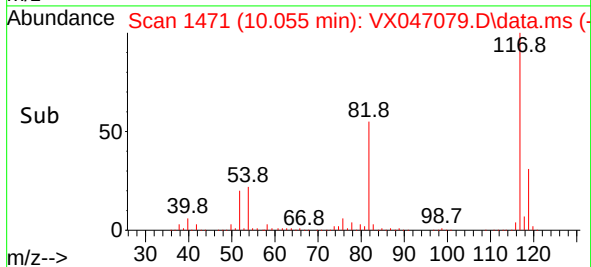
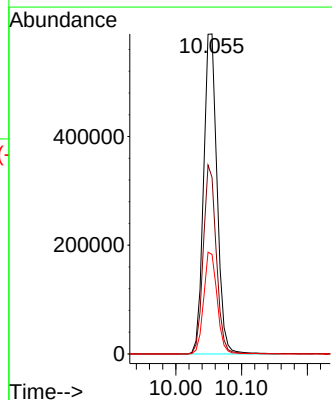
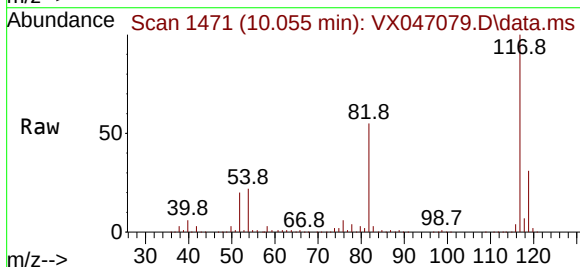
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

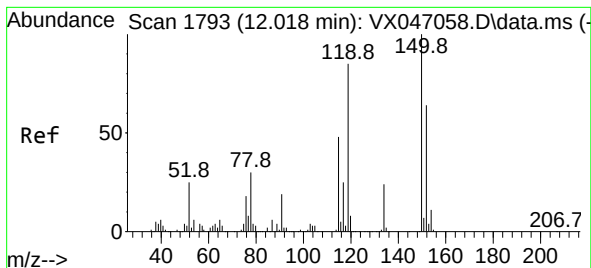
Tgt Ion: 95 Resp: 370567
Ion Ratio Lower Upper
95 100
174 72.9 0.0 144.6
176 70.4 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047079.D
Acq: 23 Jul 2025 10:45

Tgt Ion: 117 Resp: 838806
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.2
119 31.1 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047079.D

Acq: 23 Jul 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBL01

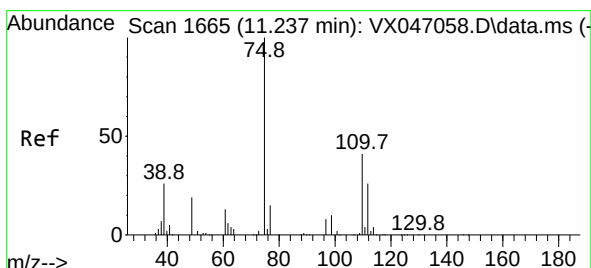
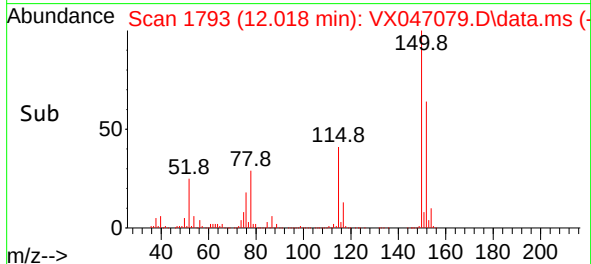
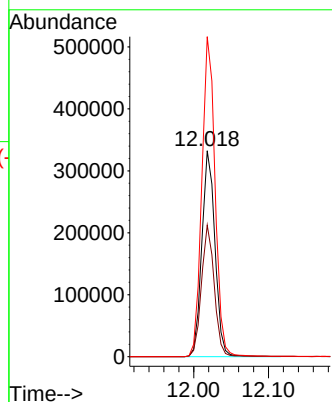
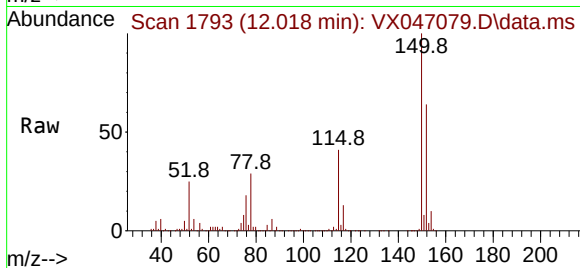
Tgt Ion:152 Resp: 406646

Ion Ratio Lower Upper

152 100

115 62.1 45.6 136.7

150 156.4 0.0 354.6



#76

1,2,3-Trichloropropane

Concen: 25.899 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX047079.D

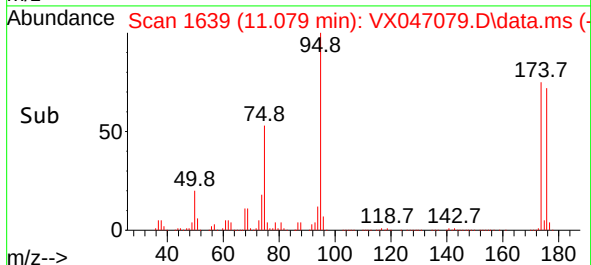
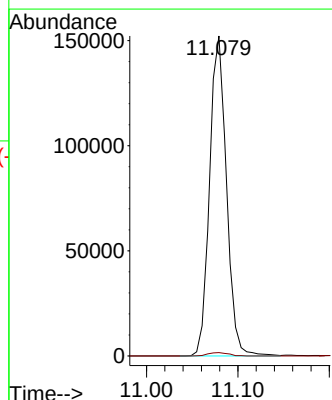
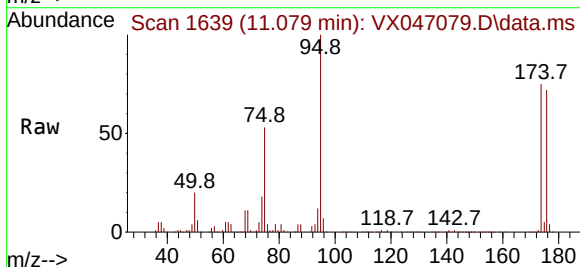
Acq: 23 Jul 2025 10:45

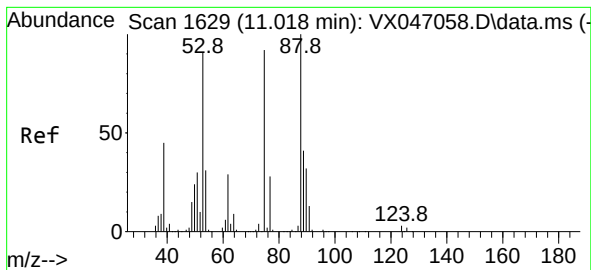
Tgt Ion: 75 Resp: 194938

Ion Ratio Lower Upper

75 100

77 1.3 21.6 65.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.726 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047079.D
 Acq: 23 Jul 2025 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBL01

Tgt Ion: 75 Resp: 194938
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.2 126.4#
 89 0.0 36.0 54.0#

