

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047096.D
 Acq On : 23 Jul 2025 16:54
 Operator : JC/MD
 Sample : Q2481-14 500X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0625-OXBL

Quant Time: Jul 24 05:54:28 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	5.562	168	523526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	934619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	869943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	420427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	323938	49.672	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.340%
35) Dibromofluoromethane	5.397	113	264752	45.879	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.760%
50) Toluene-d8	8.653	98	969744	51.891	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.780%
62) 4-Bromofluorobenzene	11.079	95	386996	48.053	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.100%

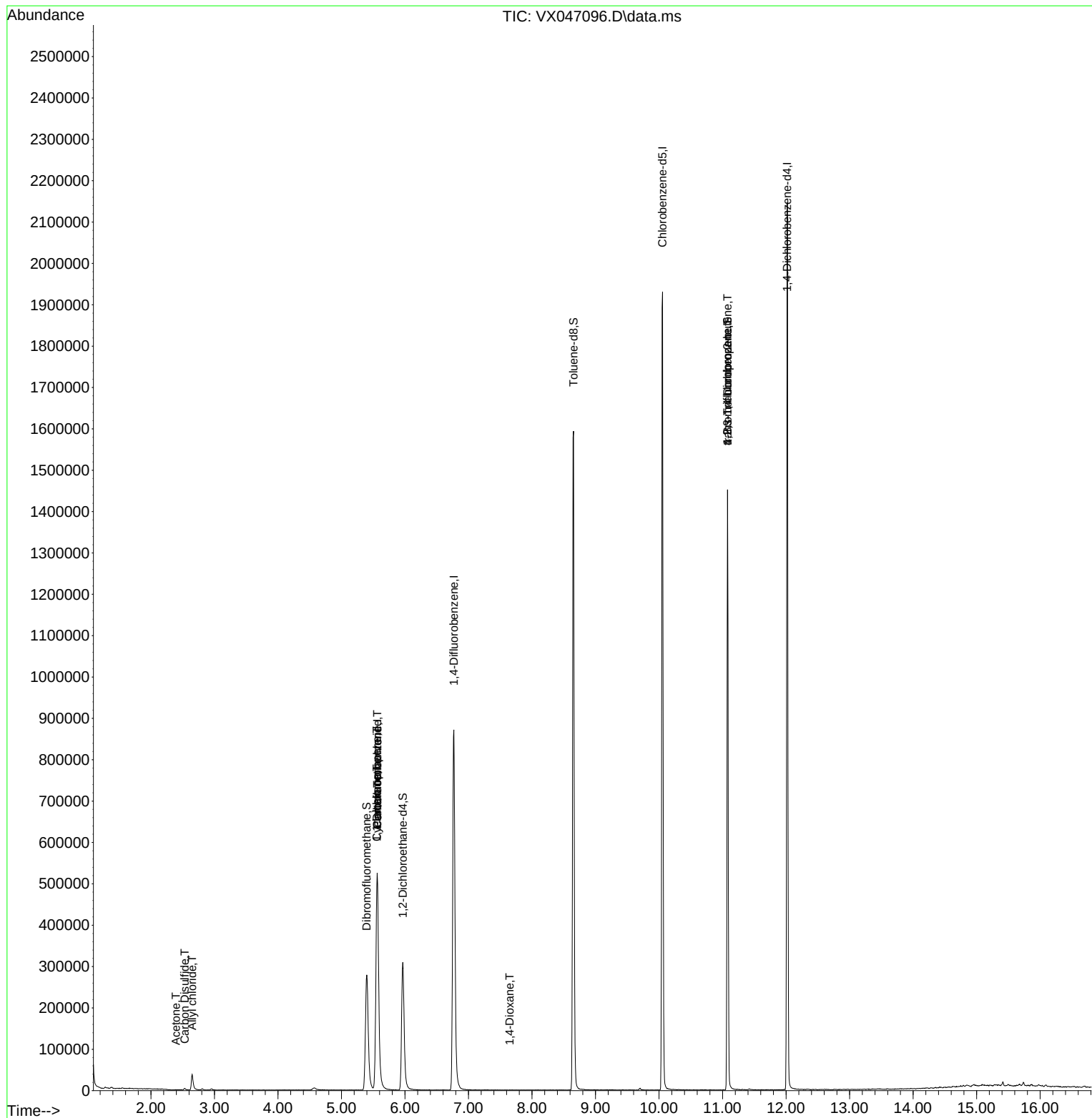
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	290	Below Cal	#	72
14) Allyl chloride	2.648	41	43541	3.661	ug/l #	43
16) Acetone	2.392	43	941	0.360	ug/l #	45
17) Carbon Disulfide	2.532	76	4458	0.234	ug/l #	93
31) Cyclohexane	5.556	56	10599	0.869	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	44277	4.501	ug/l #	50
38) Carbon Tetrachloride	5.562	117	55015	5.240	ug/l #	17
49) 1,4-Dioxane	7.647	88	22	0.251	ug/l #	20
76) 1,2,3-Trichloropropane	11.079	75	206730	26.565	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	206730	68.443	ug/l #	8

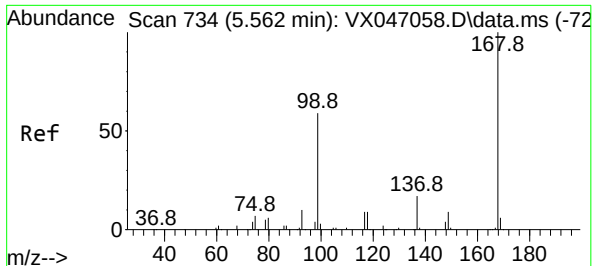
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 24 05:54:28 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

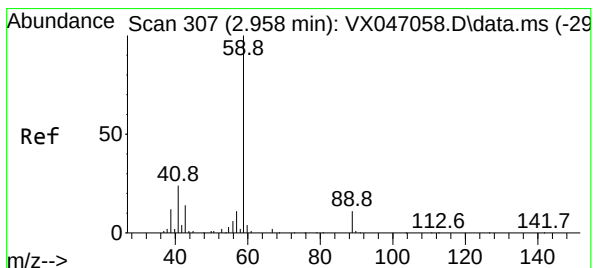
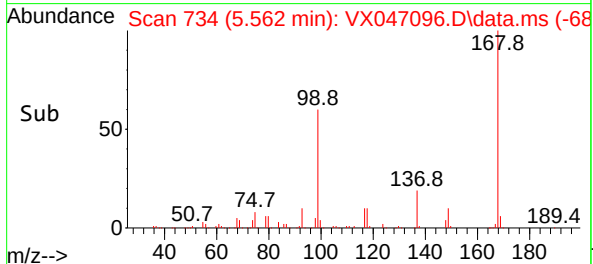
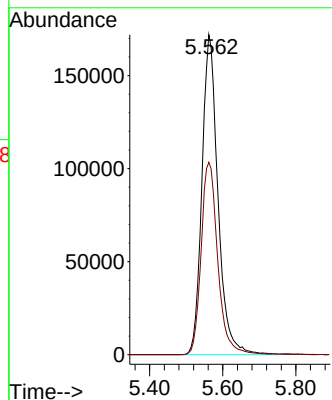
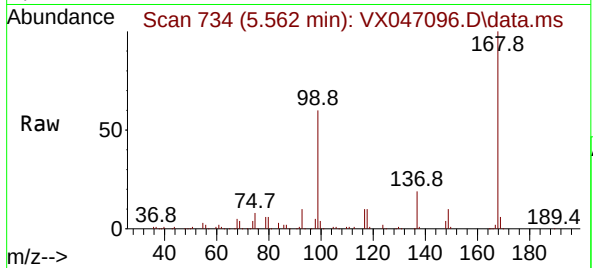




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX047096.D
Acq: 23 Jul 2025 16:54

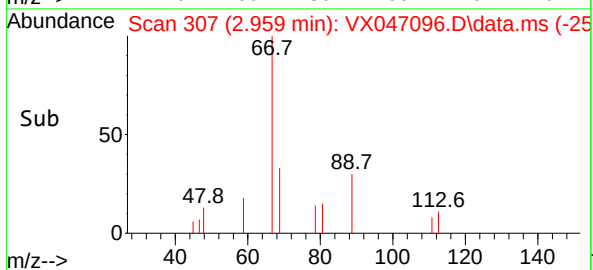
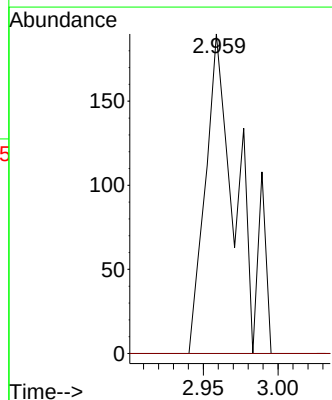
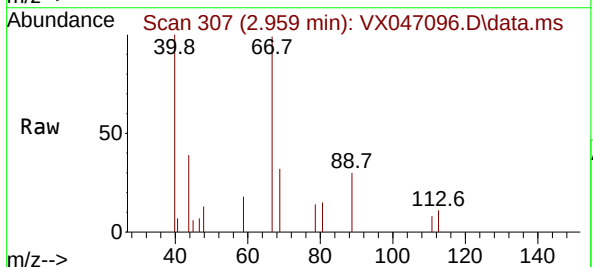
Instrument :
MSVOA_X
ClientSampleId :
CC0625-OXBL

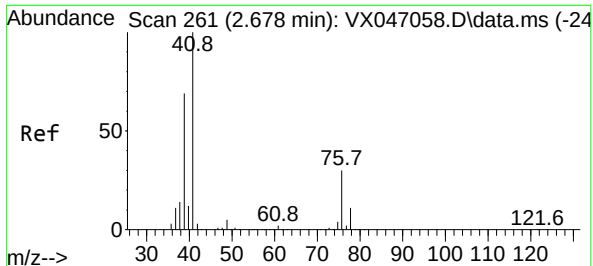
Tgt Ion:168 Resp: 523526
Ion Ratio Lower Upper
168 100
99 60.1 48.0 72.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047096.D
Acq: 23 Jul 2025 16:54

Tgt Ion: 59 Resp: 290
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

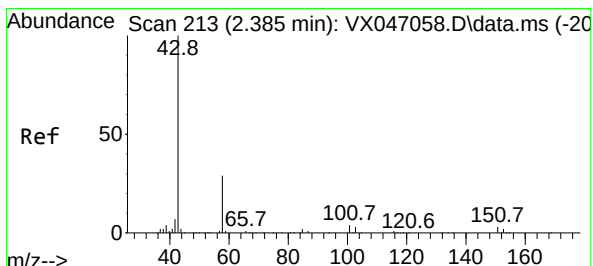
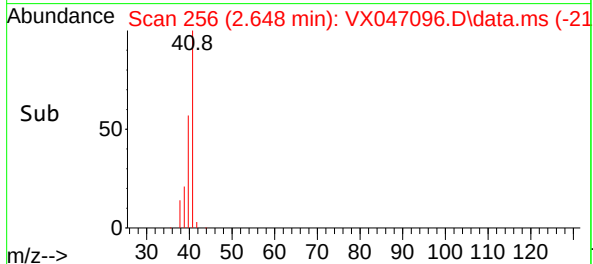
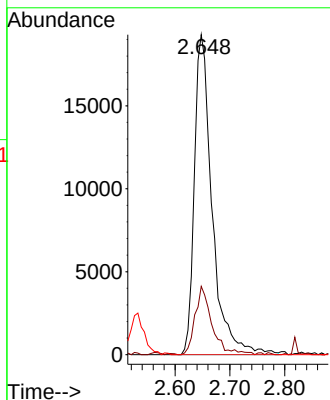
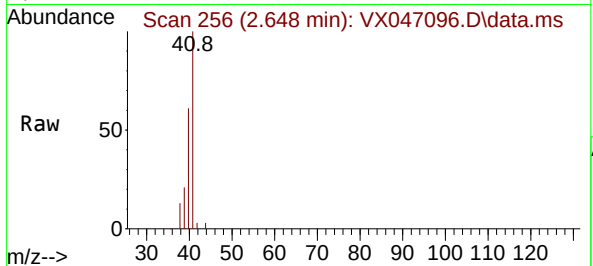




#14
 Allyl chloride
 Concen: 3.661 ug/l
 RT: 2.648 min Scan# 214
 Delta R.T. -0.030 min
 Lab File: VX047096.D
 Acq: 23 Jul 2025 16:54

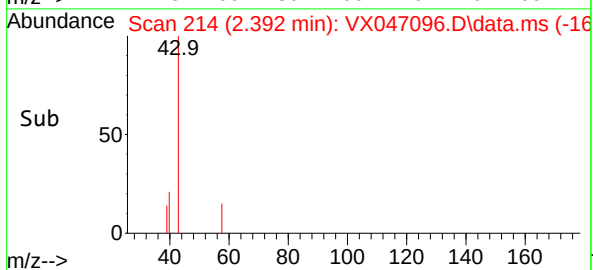
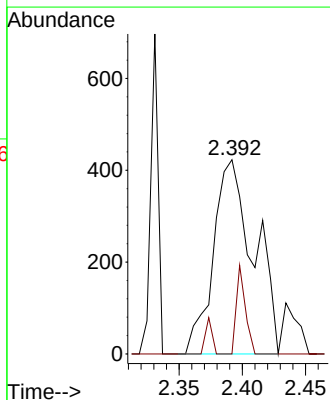
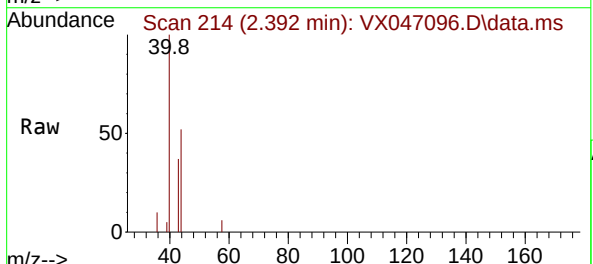
Instrument :
 MSVOA_X
 ClientSampleId :
 CC0625-OXBL

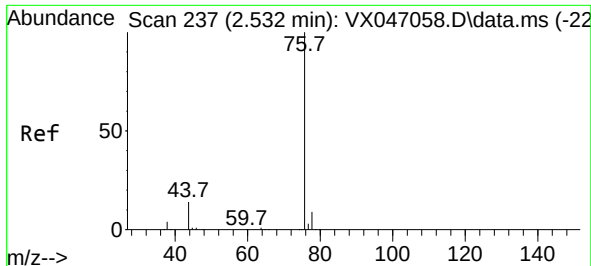
Tgt Ion: 41 Resp: 43541
 Ion Ratio Lower Upper
 41 100
 39 20.3 52.6 78.8#
 76 0.0 25.7 38.5#



#16
 Acetone
 Concen: 0.360 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VX047096.D
 Acq: 23 Jul 2025 16:54

Tgt Ion: 43 Resp: 941
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.0 36.0#

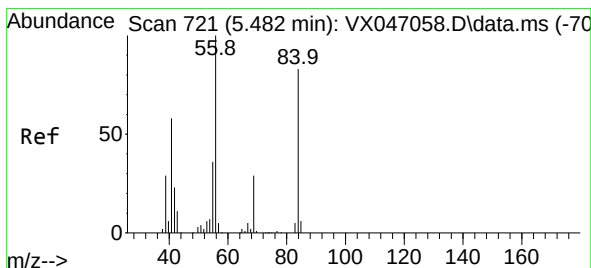
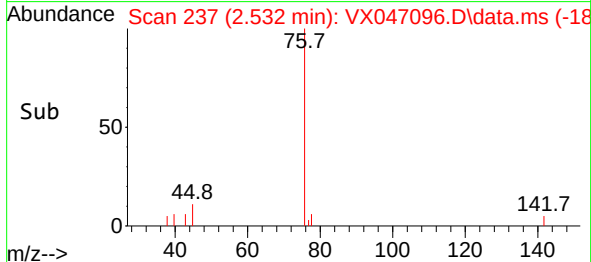
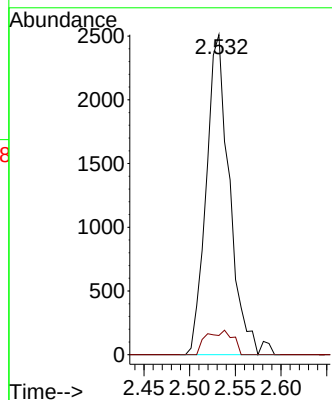
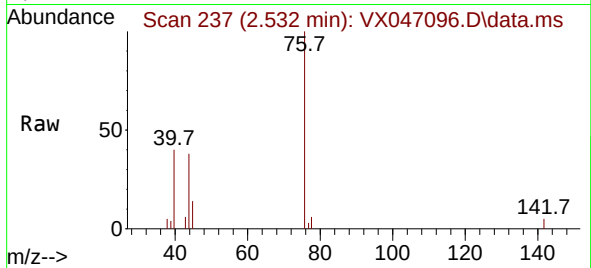




#17
Carbon Disulfide
Concen: 0.234 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047096.D
Acq: 23 Jul 2025 16:54

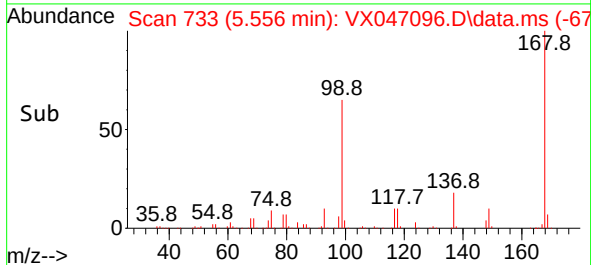
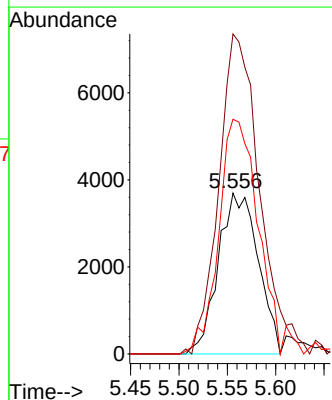
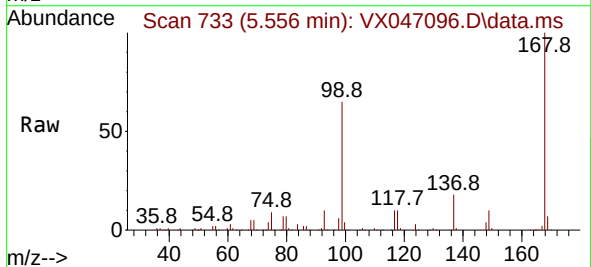
Instrument :
MSVOA_X
ClientSampleId :
CC0625-OXBL

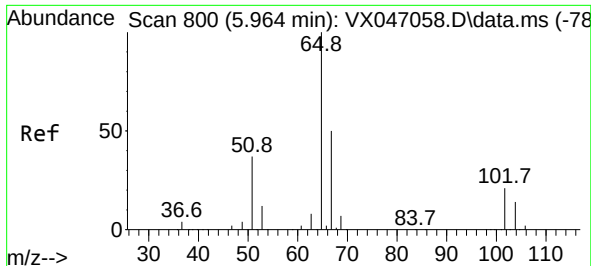
Tgt Ion: 76 Resp: 4458
Ion Ratio Lower Upper
76 100
78 6.0 7.0 10.4#



#31
Cyclohexane
Concen: 0.869 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX047096.D
Acq: 23 Jul 2025 16:54

Tgt Ion: 56 Resp: 10599
Ion Ratio Lower Upper
56 100
69 201.7 23.3 34.9#
84 146.0 66.5 99.7#

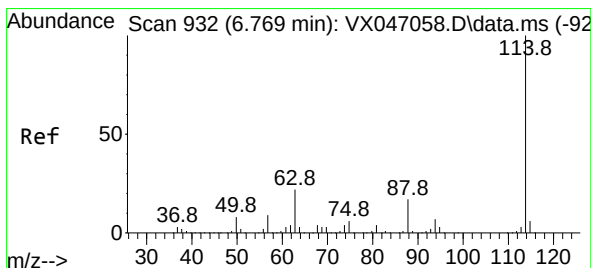
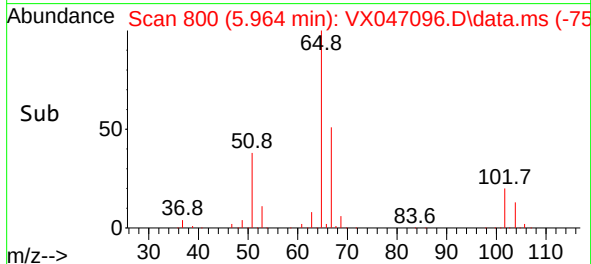
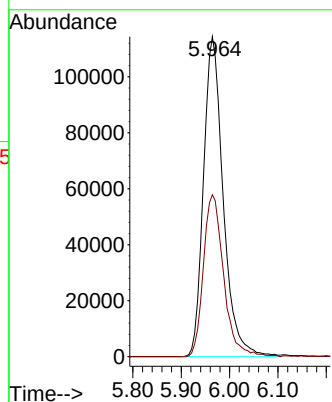
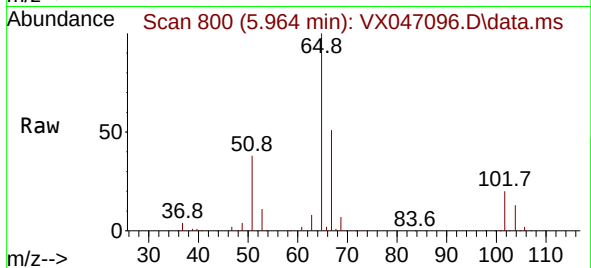




#33
 1,2-Dichloroethane-d4
 Concen: 49.672 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047096.D
 Acq: 23 Jul 2025 16:54

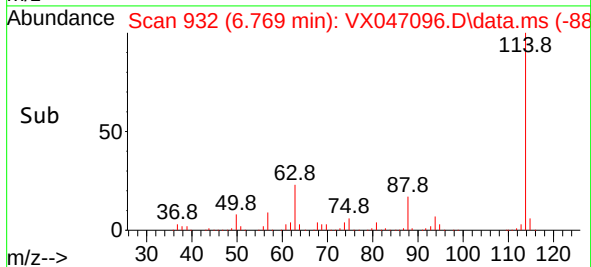
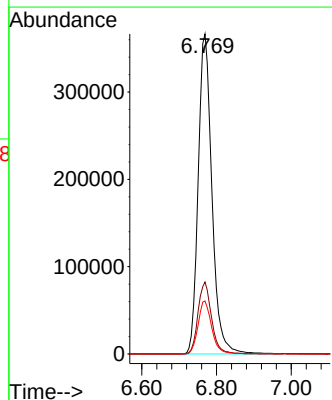
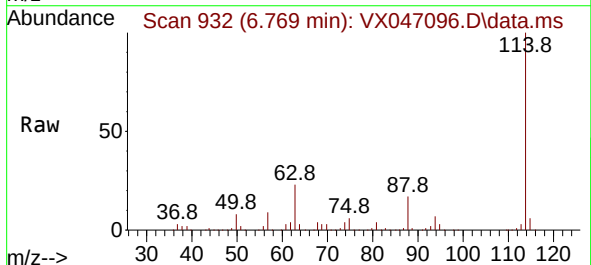
Instrument :
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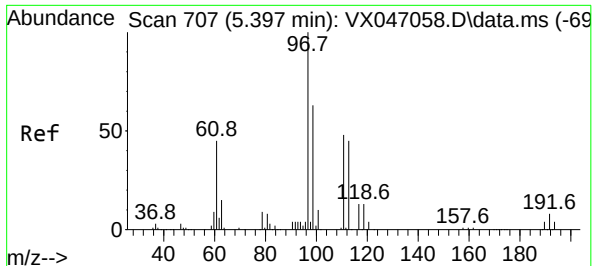
Tgt Ion: 65 Resp: 323938
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047096.D
 Acq: 23 Jul 2025 16:54

Tgt Ion: 114 Resp: 934619
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.2
 88 16.5 0.0 33.8

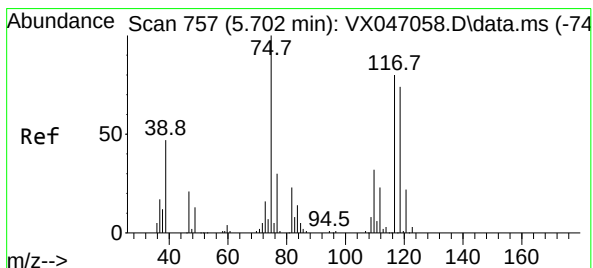
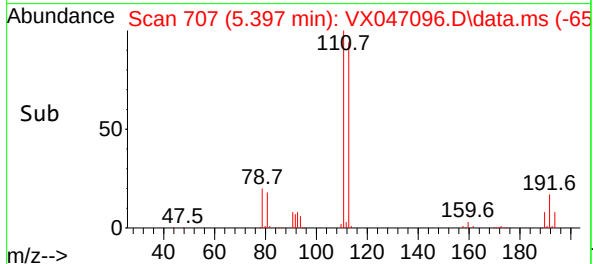
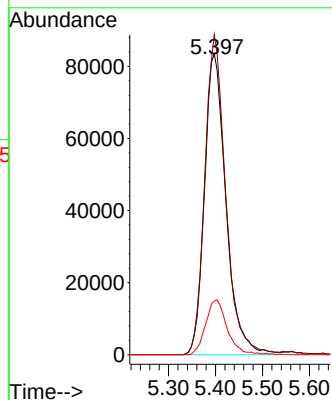
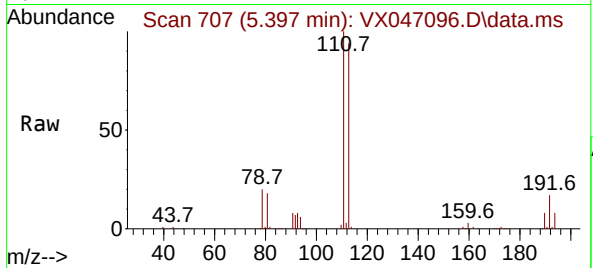




#35
Dibromofluoromethane
Concen: 45.879 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047096.D
Acq: 23 Jul 2025 16:54

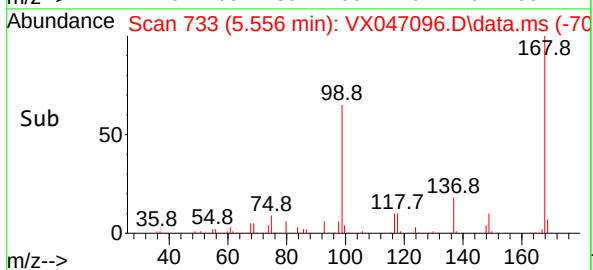
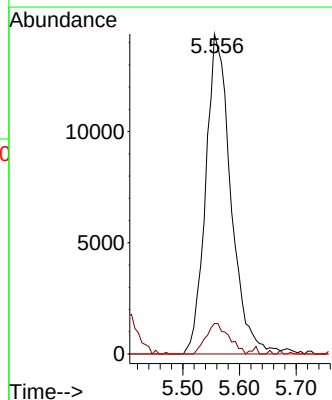
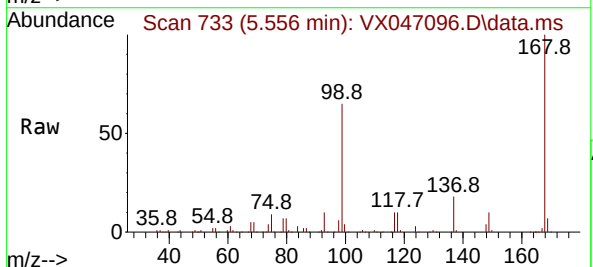
Instrument :
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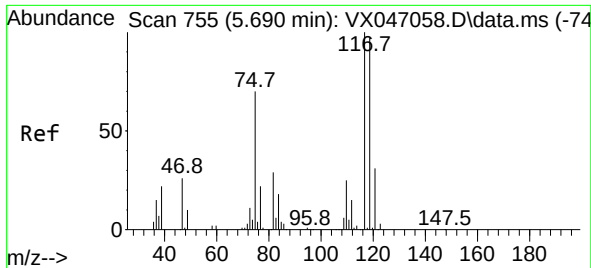
Tgt Ion:113 Resp: 264752
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 18.3 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.501 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX047096.D
Acq: 23 Jul 2025 16:54

Tgt Ion: 75 Resp: 44277
Ion Ratio Lower Upper
75 100
110 8.7 17.2 51.5#
77 0.0 25.1 37.7#

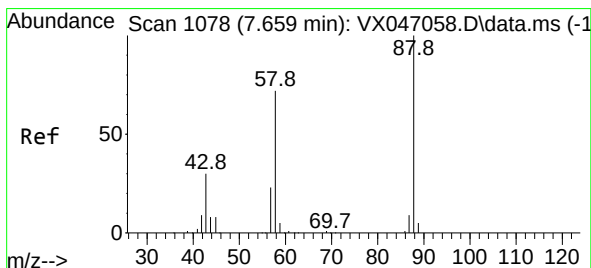
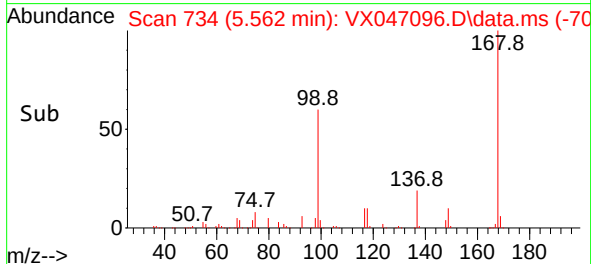
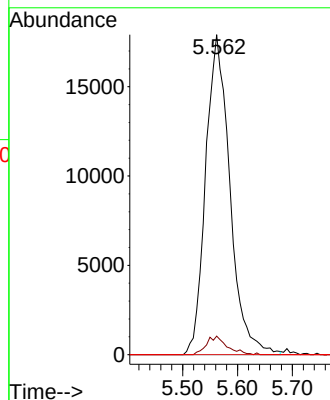
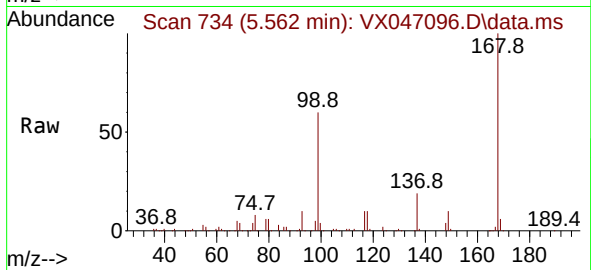




#38
Carbon Tetrachloride
Concen: 5.240 ug/l
RT: 5.562 min Scan# 715
Delta R.T. -0.128 min
Lab File: VX047096.D
Acq: 23 Jul 2025 16:54

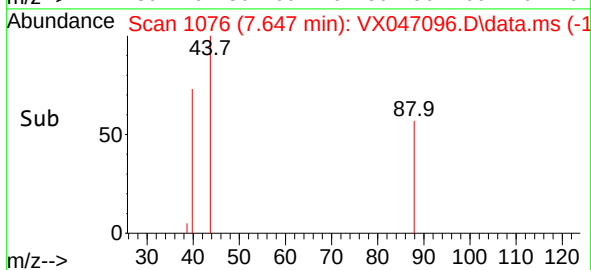
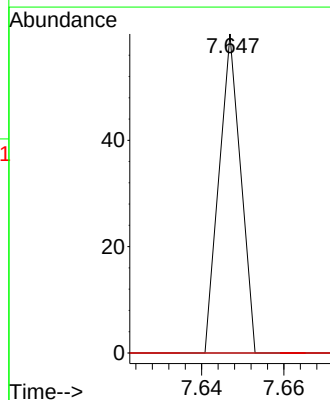
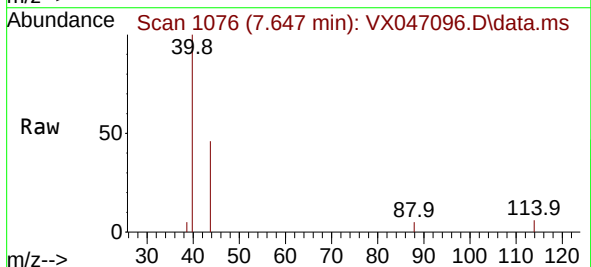
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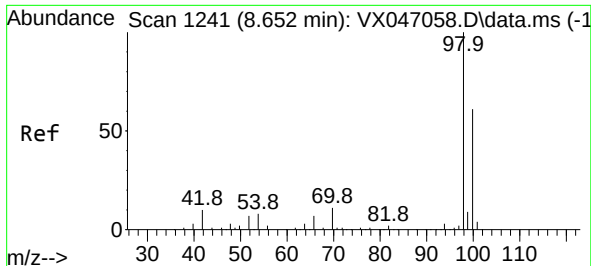
Tgt Ion:117 Resp: 55015
Ion Ratio Lower Upper
117 100
119 5.8 76.6 115.0#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 0.251 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.012 min
Lab File: VX047096.D
Acq: 23 Jul 2025 16:54

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 33.6 50.4#
58 0.0 58.8 88.2#

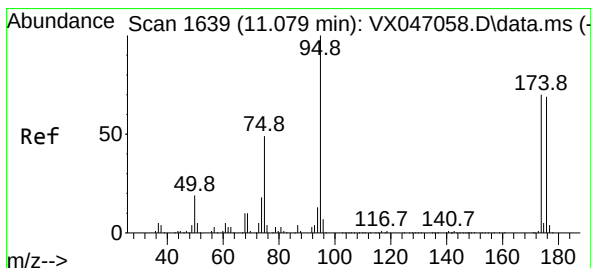
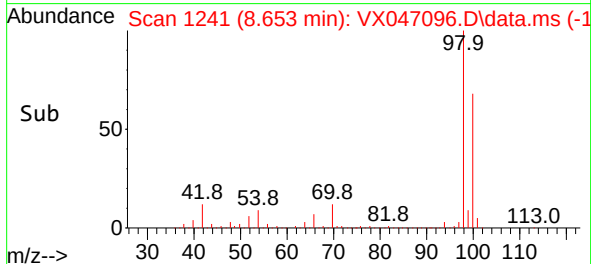
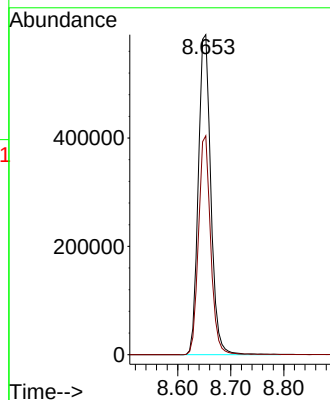
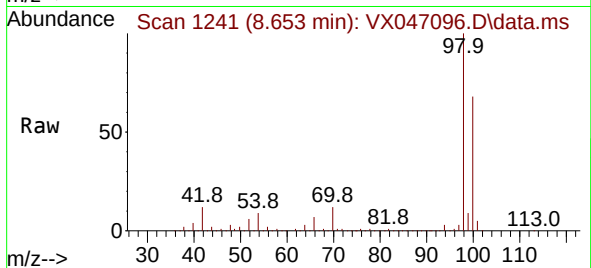




#50
Toluene-d8
Concen: 51.891 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047096.D
Acq: 23 Jul 2025 16:54

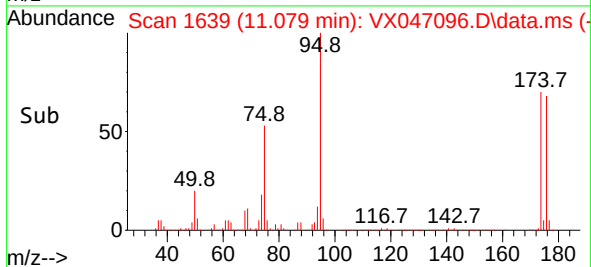
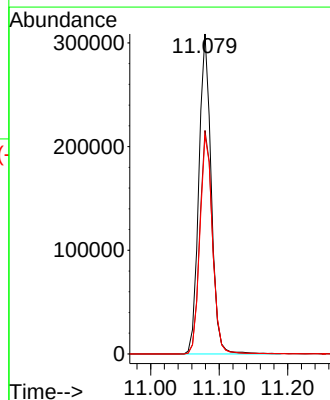
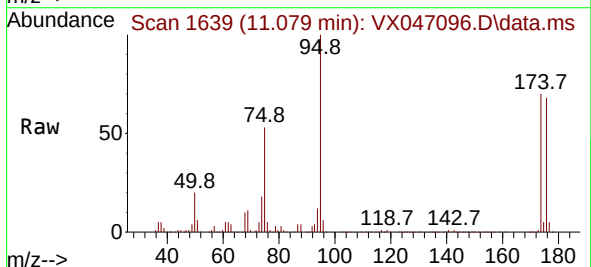
Instrument :
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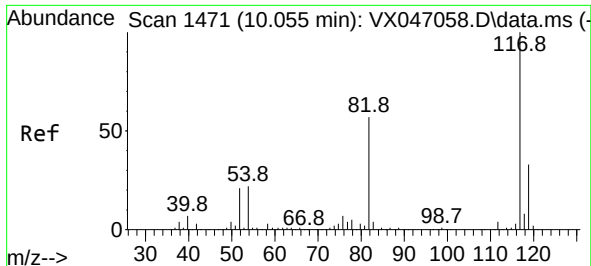
Tgt Ion: 98 Resp: 969744
Ion Ratio Lower Upper
98 100
100 66.6 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 48.053 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047096.D
Acq: 23 Jul 2025 16:54

Tgt Ion: 95 Resp: 386996
Ion Ratio Lower Upper
95 100
174 71.6 0.0 144.6
176 70.1 0.0 139.6

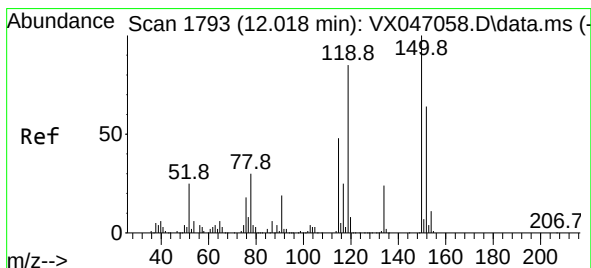
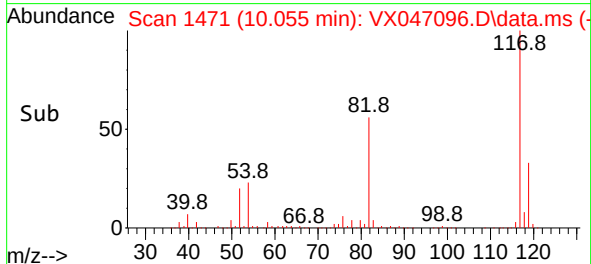
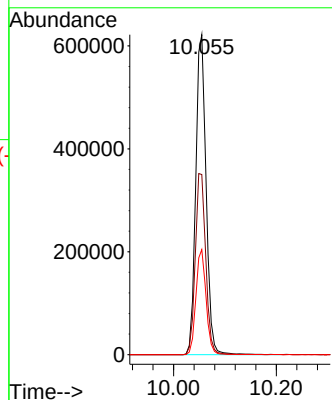
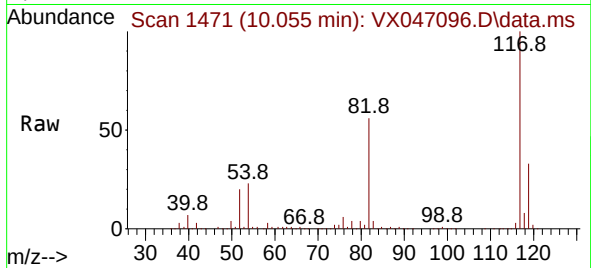




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047096.D
Acq: 23 Jul 2025 16:54

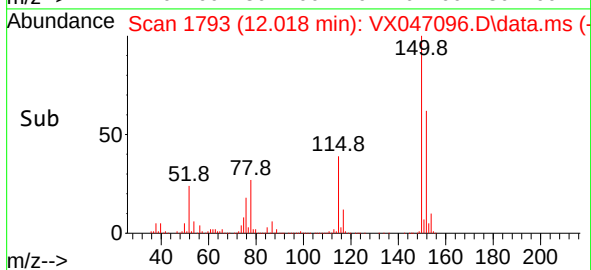
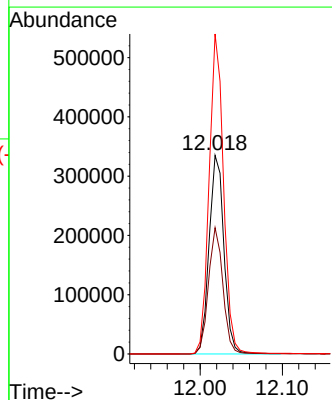
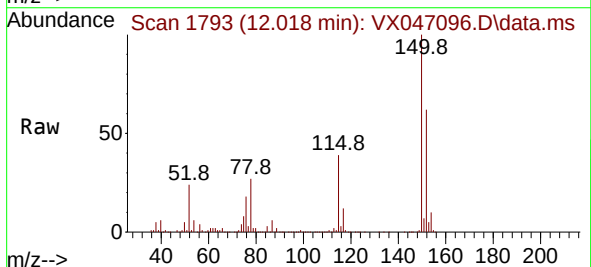
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MSVOA_X
ClientSampleId :
CC0625-OXBL

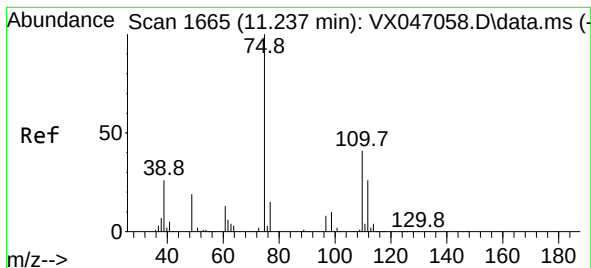
Tgt Ion:117 Resp: 869943
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 32.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047096.D
Acq: 23 Jul 2025 16:54

Tgt Ion:152 Resp: 420427
Ion Ratio Lower Upper
152 100
115 62.1 45.6 136.7
150 156.9 0.0 354.6





#76

1,2,3-Trichloropropane

Concen: 26.565 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX047096.D

Acq: 23 Jul 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

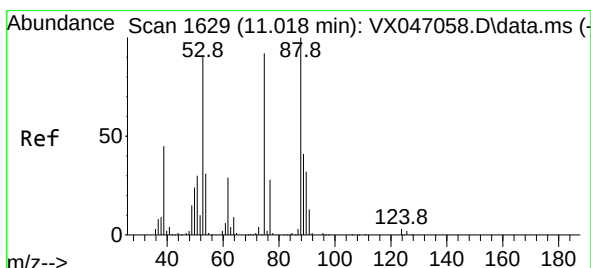
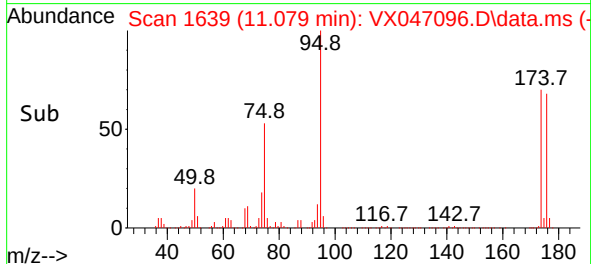
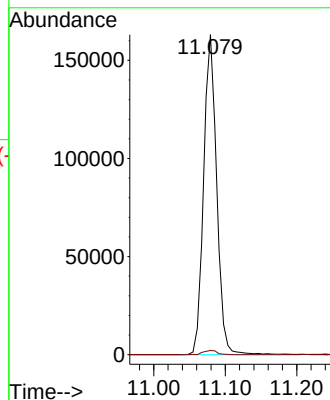
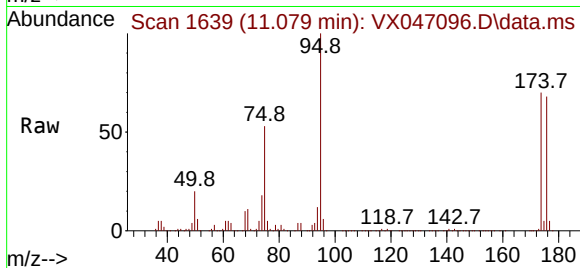
CC0625-OXBL

Tgt Ion: 75 Resp: 206730

Ion Ratio Lower Upper

75 100

77 1.4 21.6 65.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.443 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX047096.D

Acq: 23 Jul 2025 16:54

Tgt Ion: 75 Resp: 206730

Ion Ratio Lower Upper

75 100

53 0.0 84.2 126.4#

89 0.0 36.0 54.0#

