

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047097.D
 Acq On : 23 Jul 2025 17:15
 Operator : JC/MD
 Sample : Q2481-12 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0627-AL

Quant Time: Jul 24 05:54:56 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)

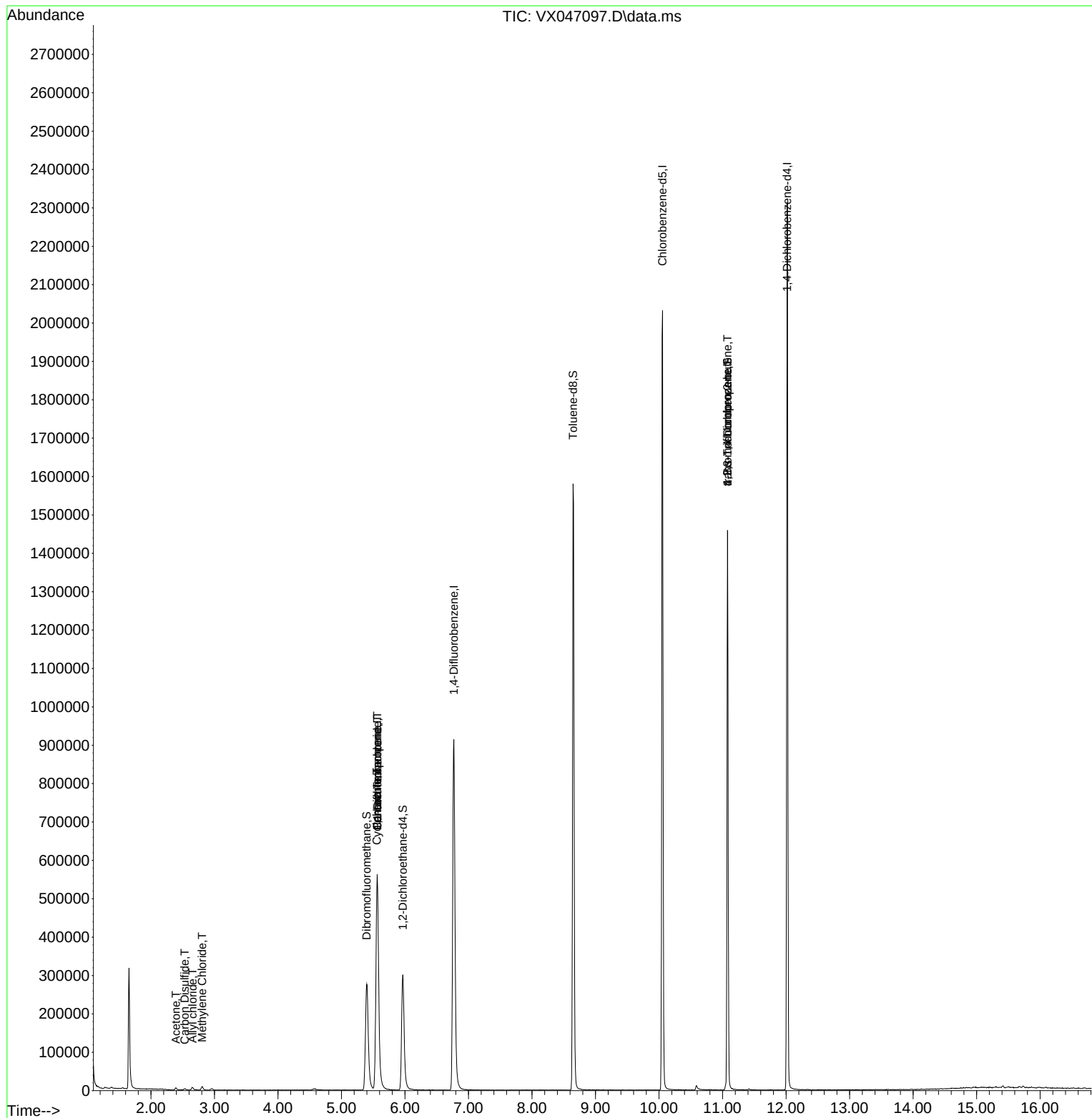
Internal Standards						
1) Pentafluorobenzene	5.562	168	551022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	978806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	910956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	450205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	318125	46.347	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.700%
35) Dibromofluoromethane	5.397	113	264258	43.726	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.460%
50) Toluene-d8	8.647	98	960520	49.077	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.160%
62) 4-Bromofluorobenzene	11.079	95	387800	45.979	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.960%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	1440	Below Cal	#	81
14) Allyl chloride	2.654	41	8328	0.665	ug/l #	41
16) Acetone	2.392	43	7029	2.556	ug/l	92
17) Carbon Disulfide	2.532	76	4460	0.223	ug/l	97
20) Methylene Chloride	2.806	84	4349	0.575	ug/l #	85
31) Cyclohexane	5.556	56	12202	0.951	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	47828	4.643	ug/l #	50
38) Carbon Tetrachloride	5.562	117	59087	5.374	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	202644	24.318	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	202644	62.653	ug/l #	8

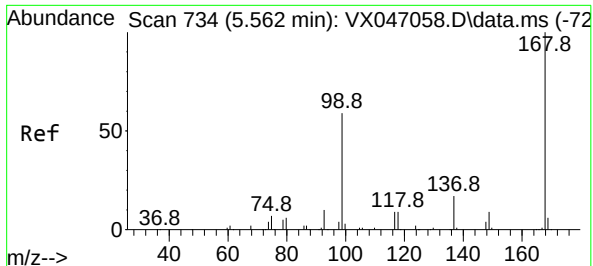
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 24 05:54:56 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

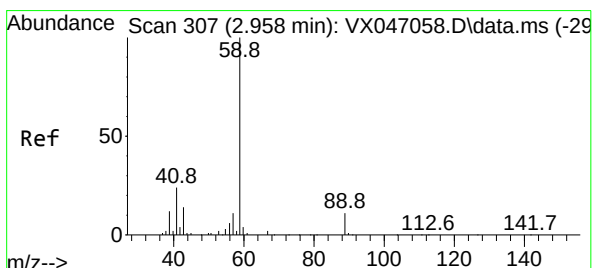
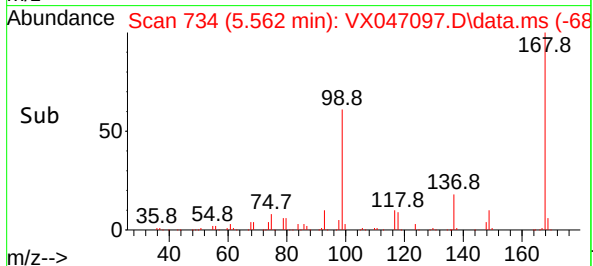
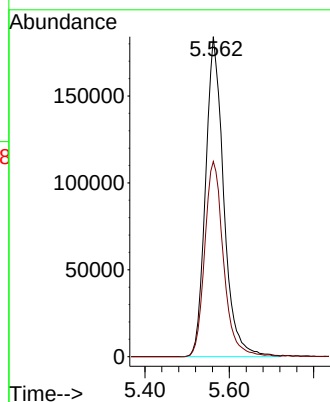
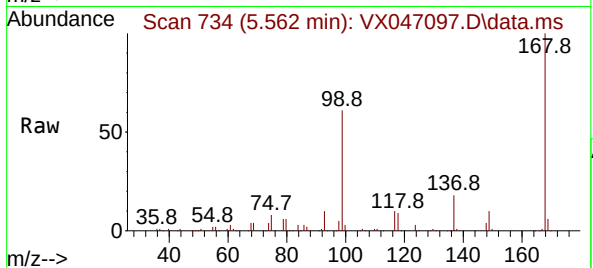




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047097.D
Acq: 23 Jul 2025 17:15

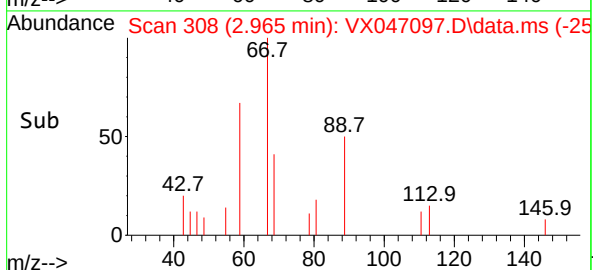
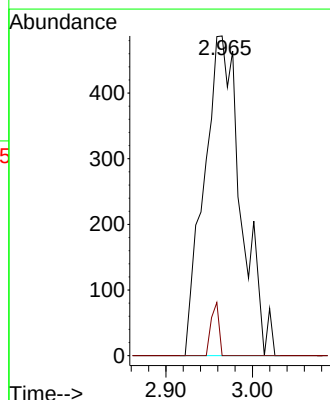
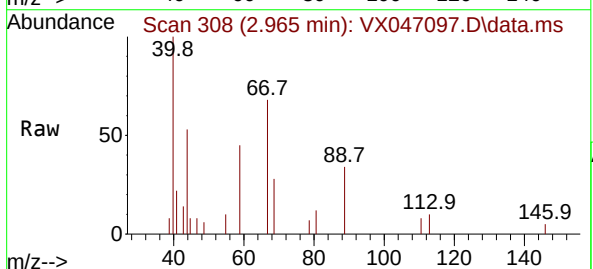
Instrument :
MSVOA_X
ClientSampleId :
CC0627-AL

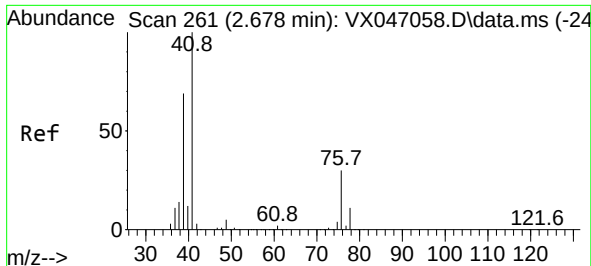
Tgt Ion:168 Resp: 551022
Ion Ratio Lower Upper
168 100
99 61.0 48.0 72.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. 0.007 min
Lab File: VX047097.D
Acq: 23 Jul 2025 17:15

Tgt Ion: 59 Resp: 1440
Ion Ratio Lower Upper
59 100
57 3.5 8.5 12.7#

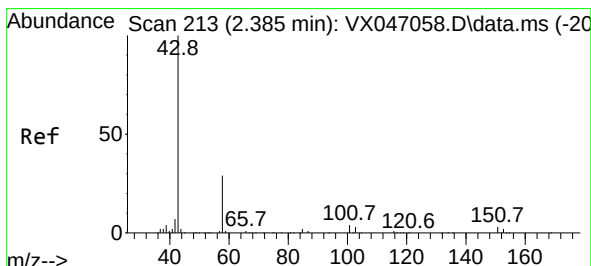
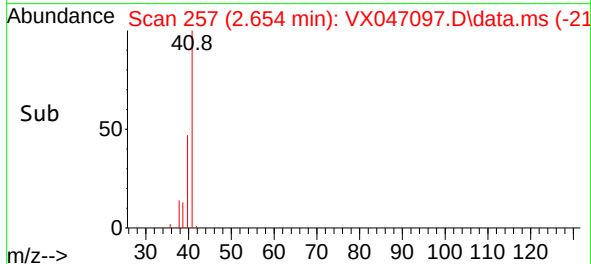
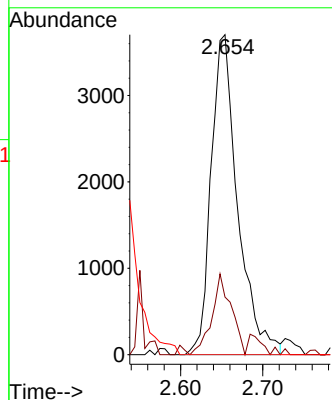
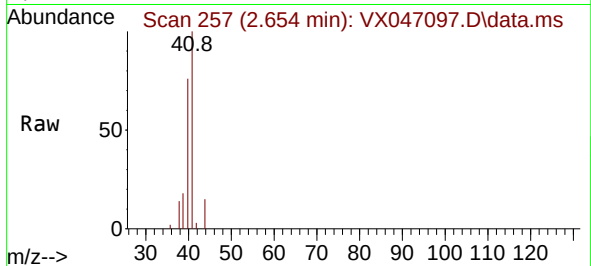




#14
 Allyl chloride
 Concen: 0.665 ug/l
 RT: 2.654 min Scan# 214
 Delta R.T. -0.024 min
 Lab File: VX047097.D
 Acq: 23 Jul 2025 17:15

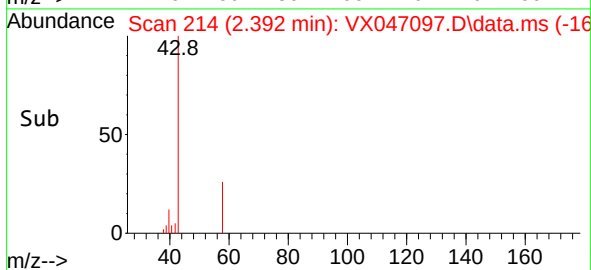
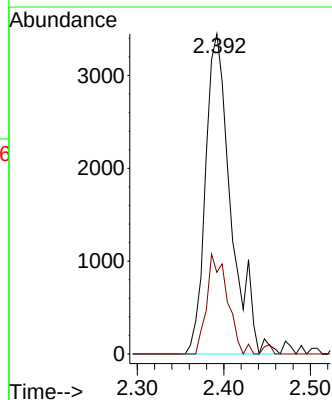
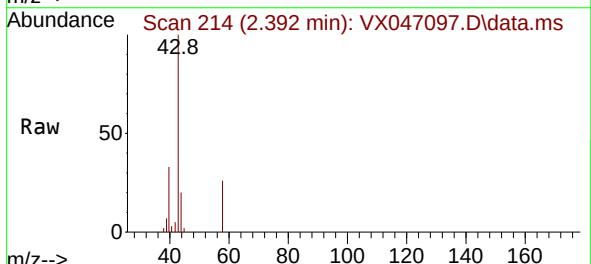
Instrument :
 MSVOA_X
 ClientSampleId :
 CC0627-AL

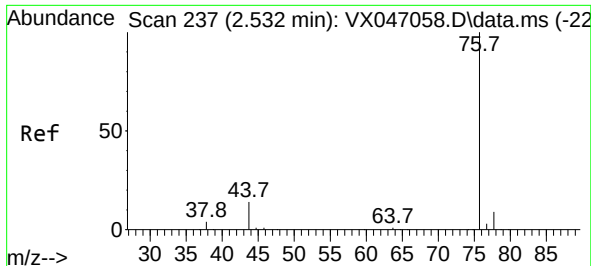
Tgt Ion: 41 Resp: 8328
 Ion Ratio Lower Upper
 41 100
 39 18.4 52.6 78.8#
 76 0.0 25.7 38.5#



#16
 Acetone
 Concen: 2.556 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.007 min
 Lab File: VX047097.D
 Acq: 23 Jul 2025 17:15

Tgt Ion: 43 Resp: 7029
 Ion Ratio Lower Upper
 43 100
 58 25.5 24.0 36.0

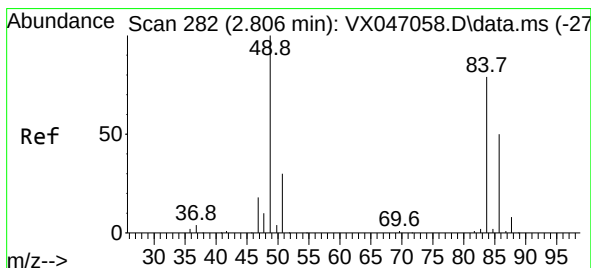
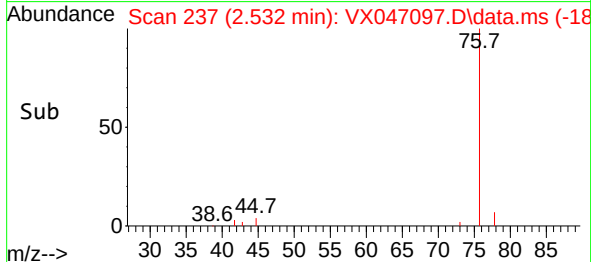
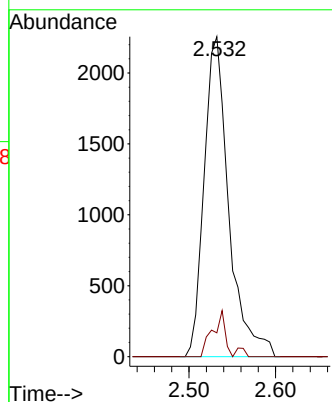
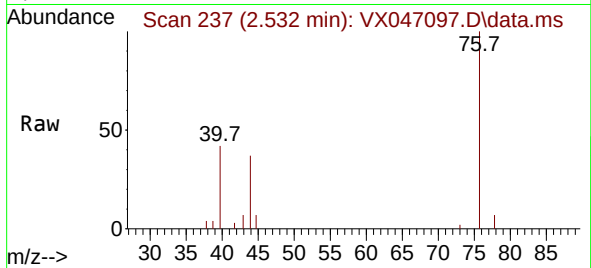




#17
Carbon Disulfide
Concen: 0.223 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047097.D
Acq: 23 Jul 2025 17:15

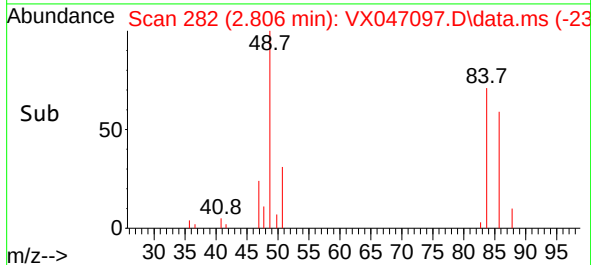
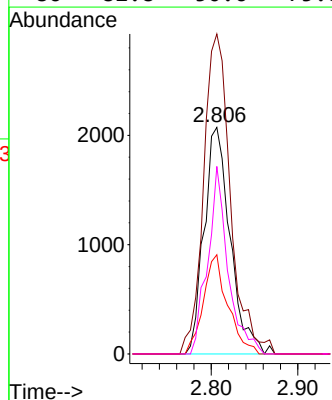
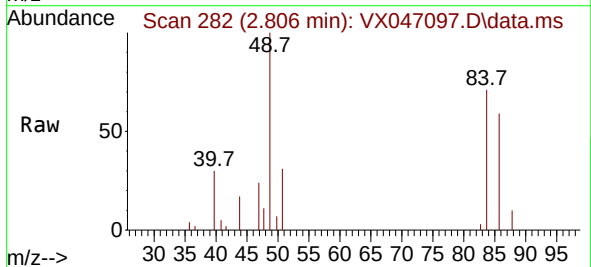
Instrument :
MSVOA_X
ClientSampleId :
CC0627-AL

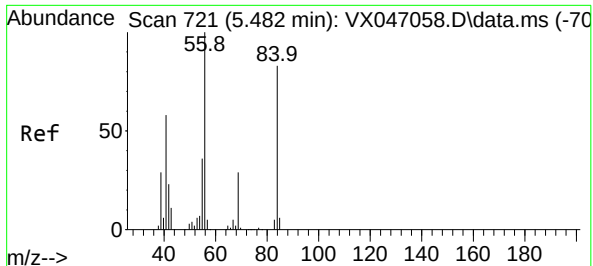
Tgt Ion: 76 Resp: 4460
Ion Ratio Lower Upper
76 100
78 7.4 7.0 10.4



#20
Methylene Chloride
Concen: 0.575 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047097.D
Acq: 23 Jul 2025 17:15

Tgt Ion: 84 Resp: 4349
Ion Ratio Lower Upper
84 100
49 141.2 101.6 152.4
51 43.8 30.3 45.5
86 82.8 50.6 75.8#

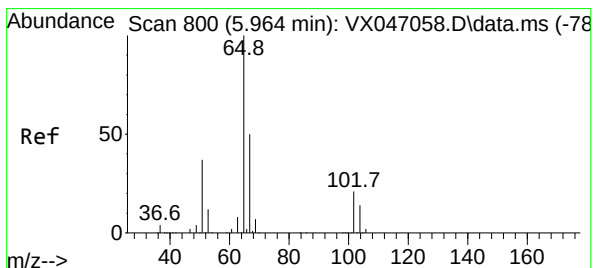
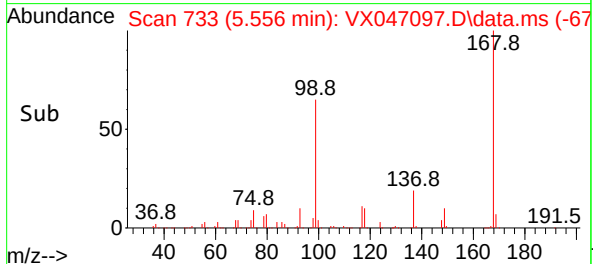
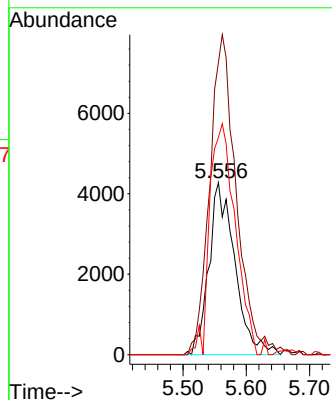
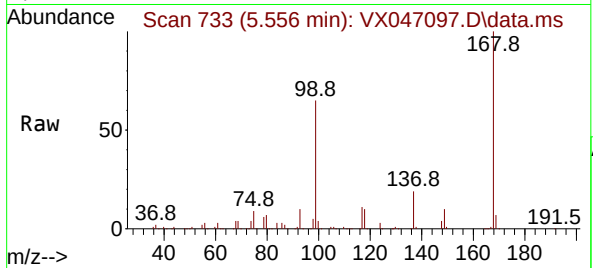




#31
Cyclohexane
Concen: 0.951 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.074 min
Lab File: VX047097.D
Acq: 23 Jul 2025 17:15

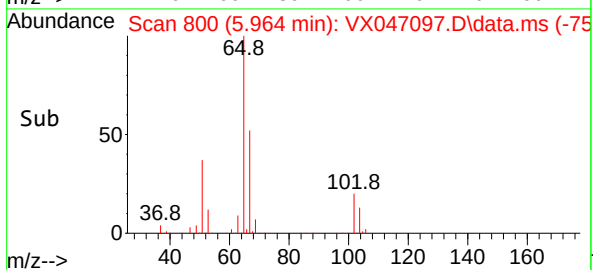
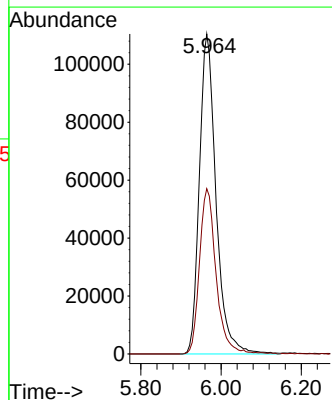
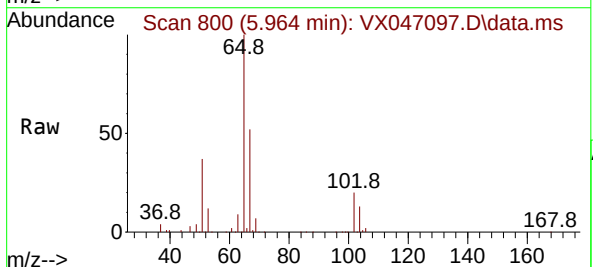
Instrument :
MSVOA_X
ClientSampleId :
CC0627-AL

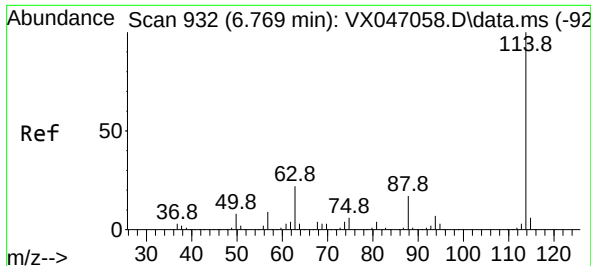
Tgt Ion: 56 Resp: 12202
Ion Ratio Lower Upper
56 100
69 171.7 23.3 34.9#
84 126.3 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 46.347 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047097.D
Acq: 23 Jul 2025 17:15

Tgt Ion: 65 Resp: 318125
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8

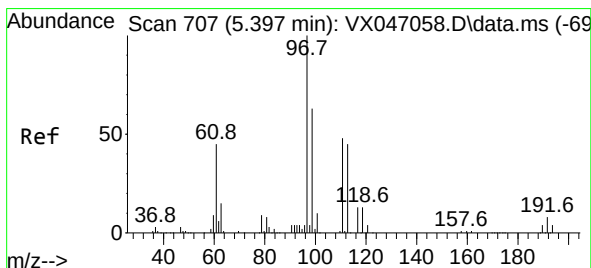
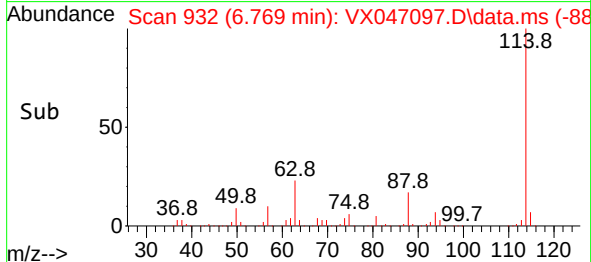
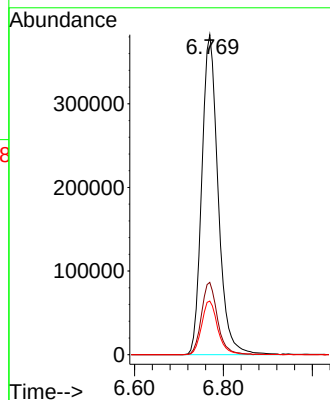
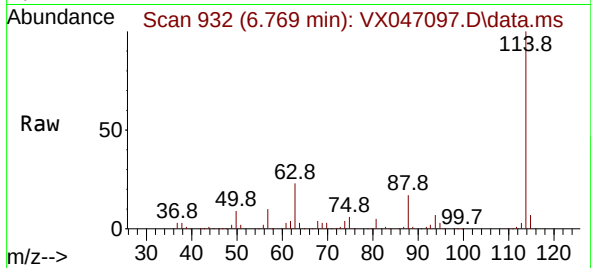




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047097.D
Acq: 23 Jul 2025 17:15

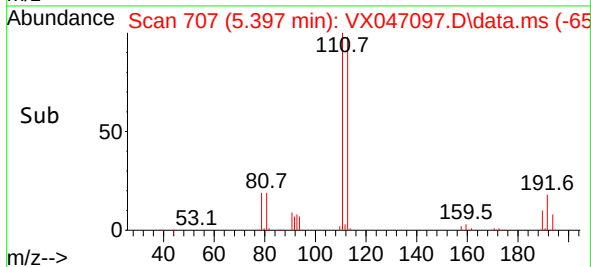
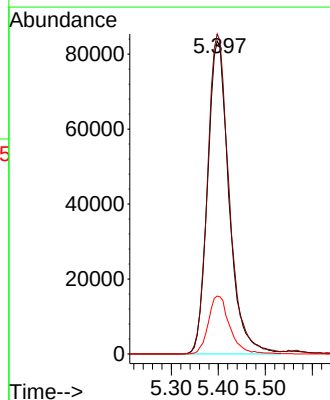
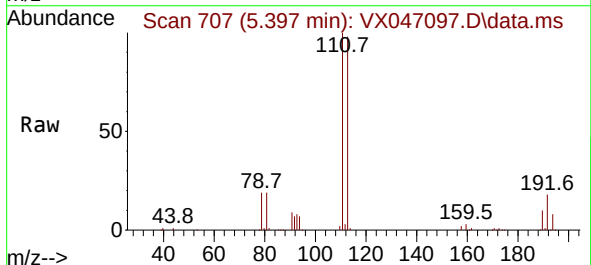
Instrument :
MSVOA_X
ClientSampleId :
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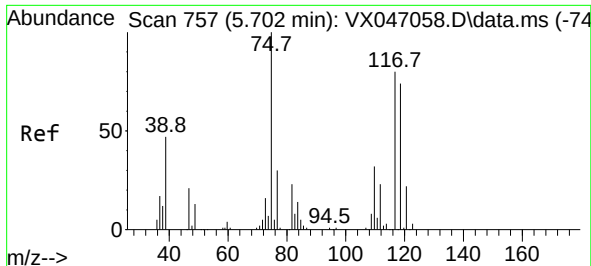
Tgt Ion:114 Resp: 978806
Ion Ratio Lower Upper
114 100
63 22.6 0.0 43.2
88 16.8 0.0 33.8



#35
Dibromofluoromethane
Concen: 43.726 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047097.D
Acq: 23 Jul 2025 17:15

Tgt Ion:113 Resp: 264258
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 18.5 14.9 22.3

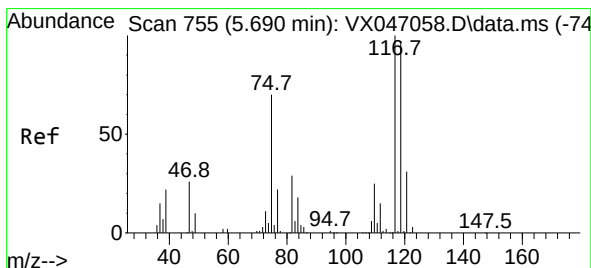
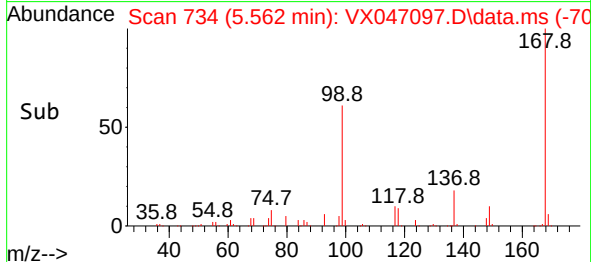
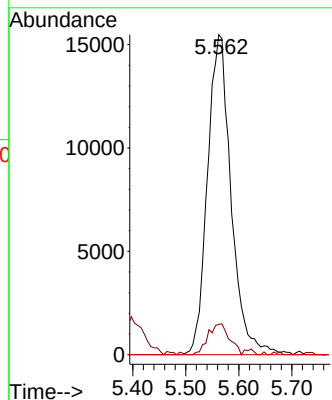
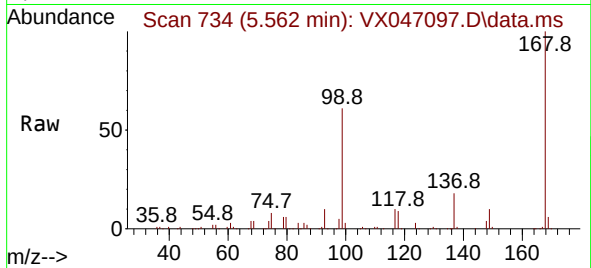




#36
1,1-Dichloropropene
Concen: 4.643 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX047097.D
Acq: 23 Jul 2025 17:15

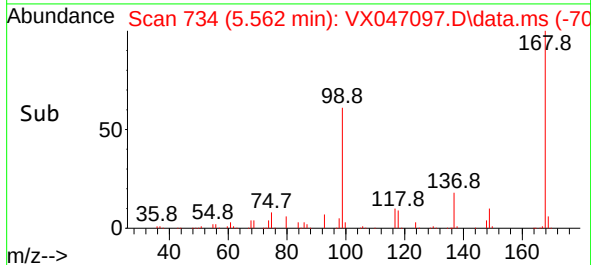
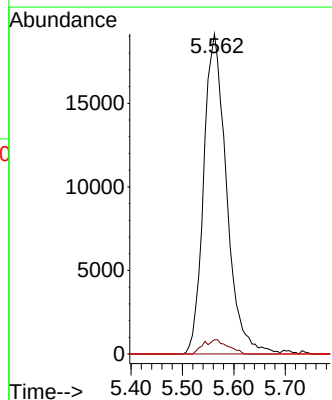
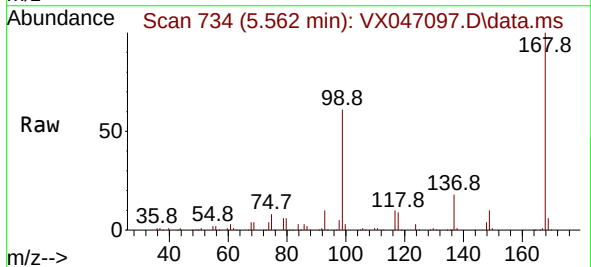
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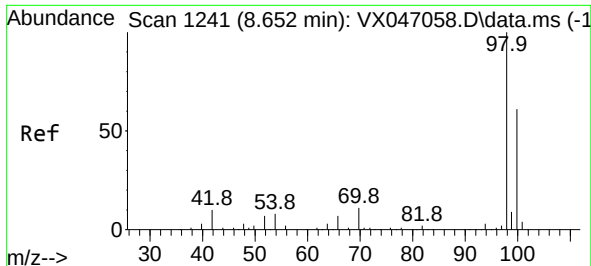
Tgt Ion: 75 Resp: 47828
Ion Ratio Lower Upper
75 100
110 8.7 17.2 51.5#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.374 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047097.D
Acq: 23 Jul 2025 17:15

Tgt Ion: 117 Resp: 59087
Ion Ratio Lower Upper
117 100
119 4.5 76.6 115.0#
121 0.0 24.4 36.6#

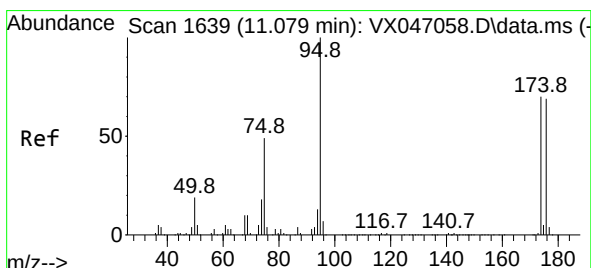
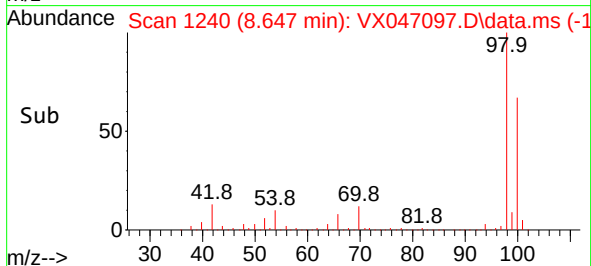
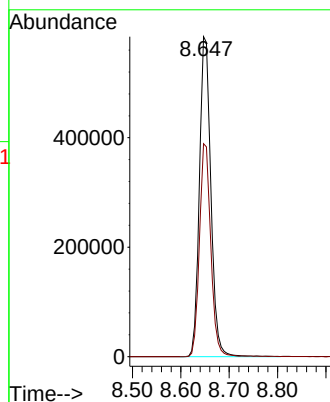
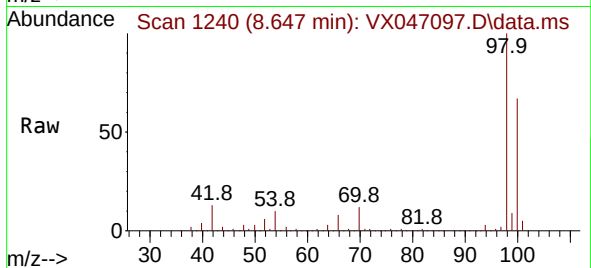




#50
Toluene-d8
Concen: 49.077 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047097.D
Acq: 23 Jul 2025 17:15

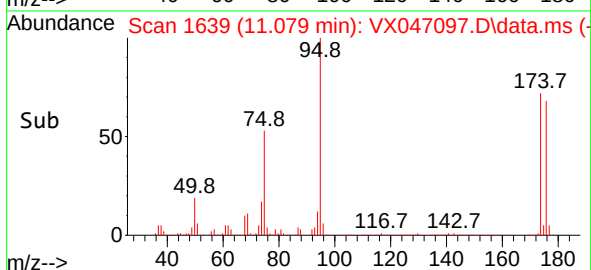
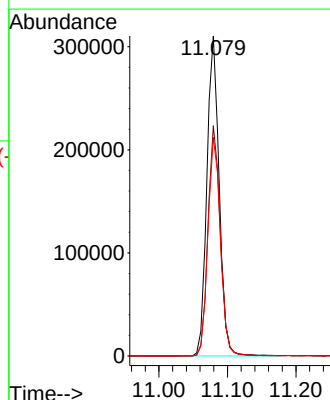
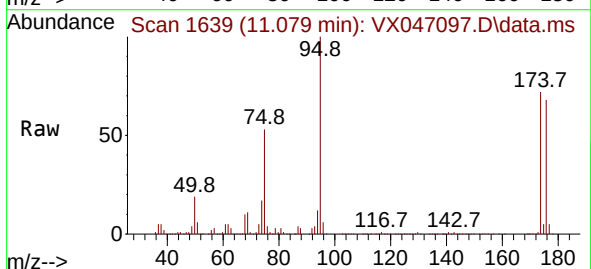
Instrument :
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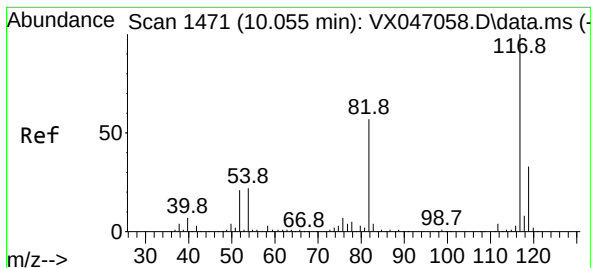
Tgt Ion: 98 Resp: 960520
Ion Ratio Lower Upper
98 100
100 66.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 45.979 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047097.D
Acq: 23 Jul 2025 17:15

Tgt Ion: 95 Resp: 387800
Ion Ratio Lower Upper
95 100
174 72.3 0.0 144.6
176 69.3 0.0 139.6

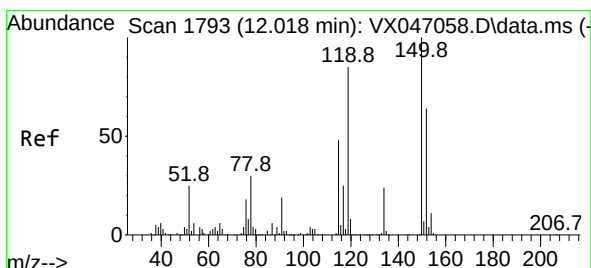
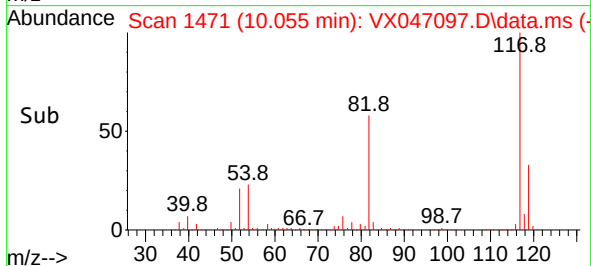
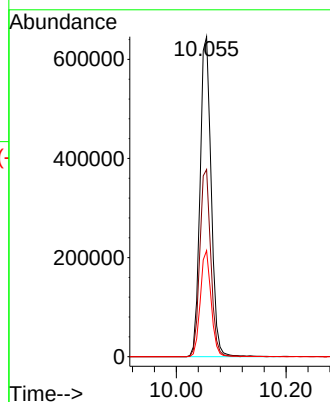
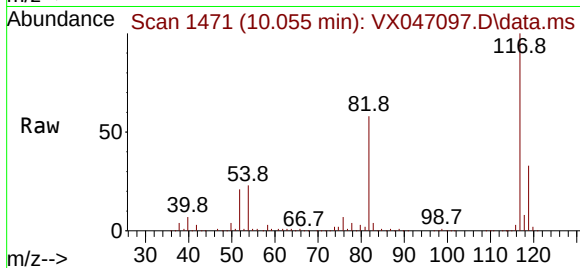




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047097.D
Acq: 23 Jul 2025 17:15

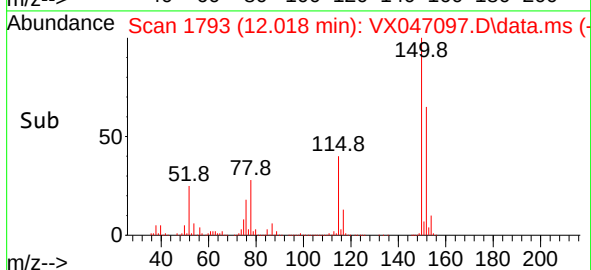
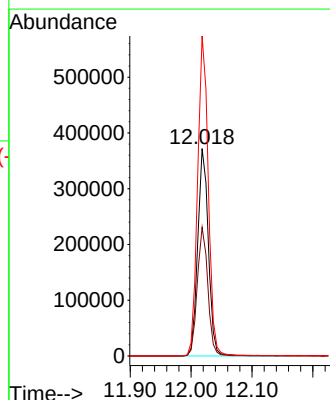
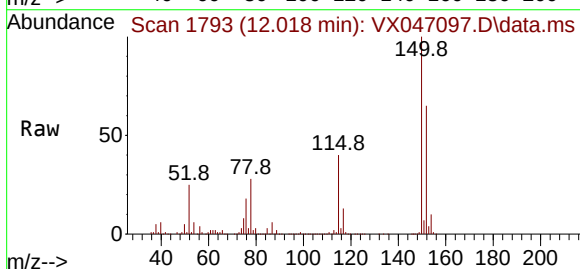
Instrument :
MSVOA_X
ClientSampleId :
CC0627-AL

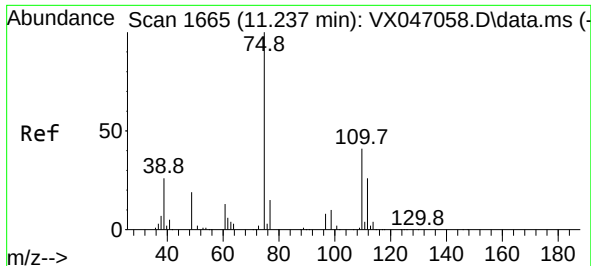
Tgt Ion:117 Resp: 910956
Ion Ratio Lower Upper
117 100
82 58.5 45.4 68.2
119 33.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047097.D
Acq: 23 Jul 2025 17:15

Tgt Ion:152 Resp: 450205
Ion Ratio Lower Upper
152 100
115 61.8 45.6 136.7
150 155.3 0.0 354.6

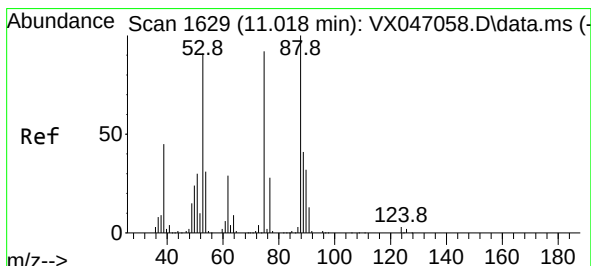
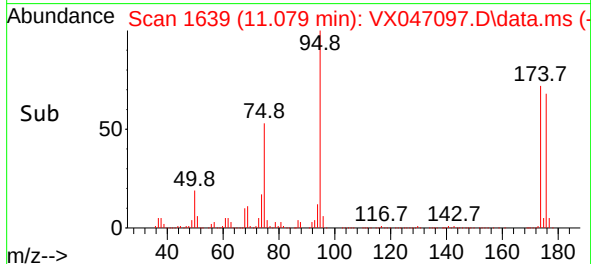
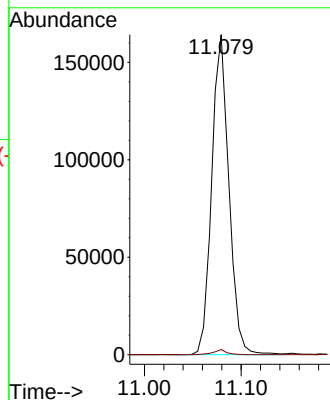
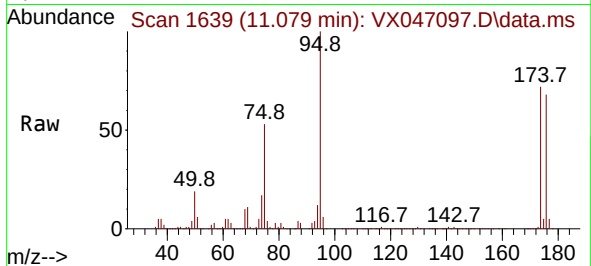




#76
1,2,3-Trichloropropane
Concen: 24.318 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047097.D
Acq: 23 Jul 2025 17:15

Instrument :
MSVOA_X
ClientSampleId :
CC0627-AL

Tgt Ion: 75 Resp: 202644
Ion Ratio Lower Upper
75 100
77 1.2 21.6 65.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.653 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047097.D
Acq: 23 Jul 2025 17:15

Tgt Ion: 75 Resp: 202644
Ion Ratio Lower Upper
75 100
53 0.0 84.2 126.4#
89 0.0 36.0 54.0#

