

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047092.D
 Acq On : 23 Jul 2025 15:31
 Operator : JC/MD
 Sample : Q2481-15 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0627-AOXL

Quant Time: Jul 24 05:52:46 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)

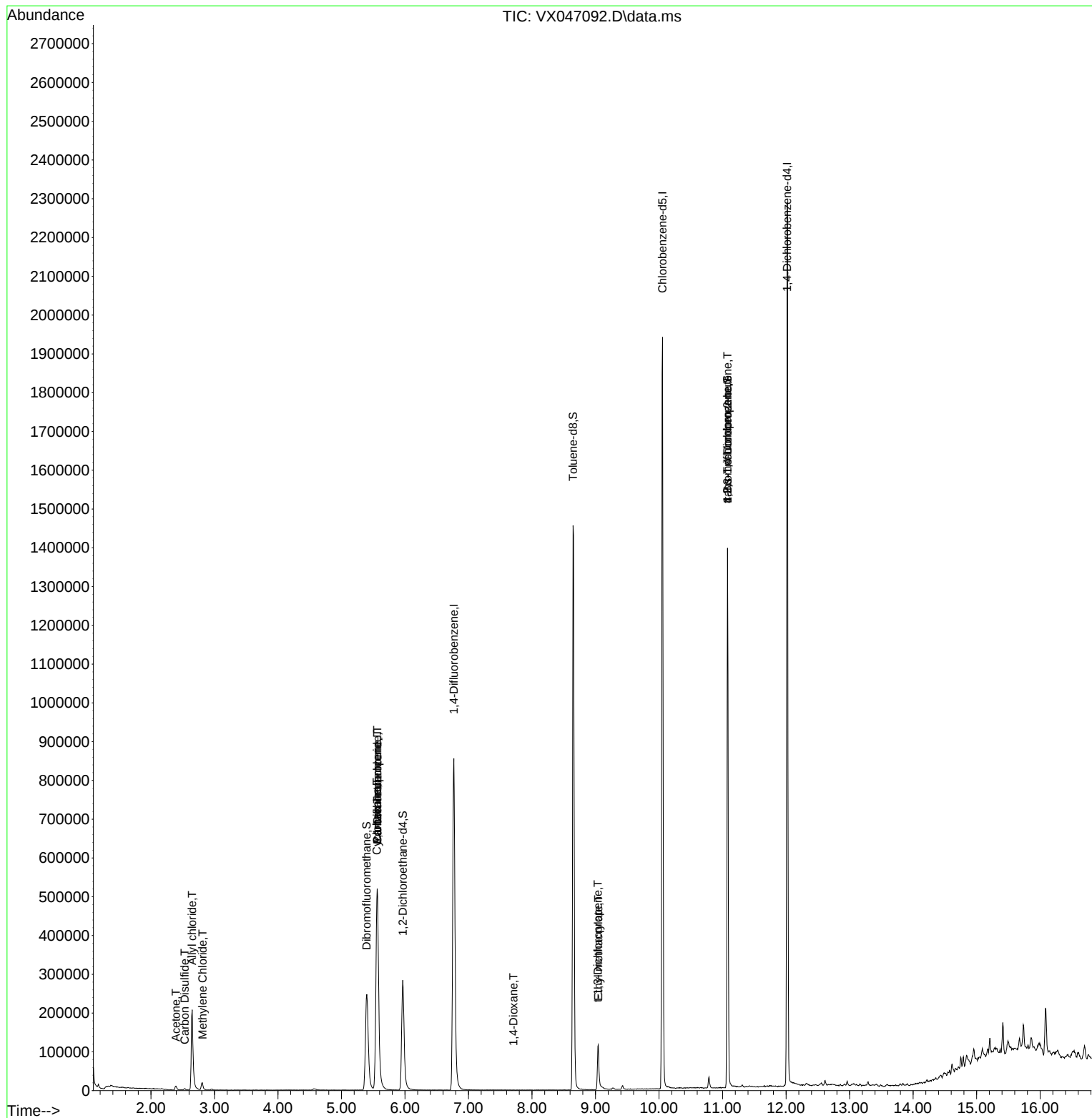
Internal Standards						
1) Pentafluorobenzene	5.562	168	518828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	915745	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	876790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	439672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	292171	45.207	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.420%
35) Dibromofluoromethane	5.397	113	238076	42.107	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.220%
50) Toluene-d8	8.647	98	893698	48.807	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.079	95	369700	46.851	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.700%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	194	Below Cal	#	72
14) Allyl chloride	2.648	41	230583	19.564	ug/l #	42
16) Acetone	2.392	43	13789	5.326	ug/l	100
17) Carbon Disulfide	2.532	76	4527	0.240	ug/l	97
20) Methylene Chloride	2.812	84	9434	1.324	ug/l #	80
31) Cyclohexane	5.556	56	11869	0.982	ug/l #	17
36) 1,1-Dichloropropene	5.562	75	44416	4.608	ug/l #	50
38) Carbon Tetrachloride	5.562	117	54561	5.304	ug/l #	15
49) 1,4-Dioxane	7.708	88	84	0.979	ug/l #	71
53) t-1,3-Dichloropropene	9.037	75	3019	0.307	ug/l #	1
56) Ethyl methacrylate	9.043	69	41135	4.320	ug/l #	24
76) 1,2,3-Trichloropropane	11.079	75	194621	23.915	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	194621	61.614	ug/l #	8

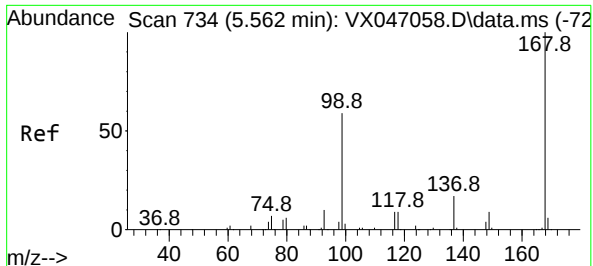
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047092.D
Acq On : 23 Jul 2025 15:31
Operator : JC/MD
Sample : Q2481-15 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CC0627-AOXL

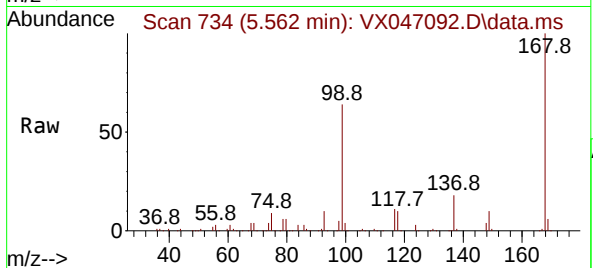
Quant Time: Jul 24 05:52:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



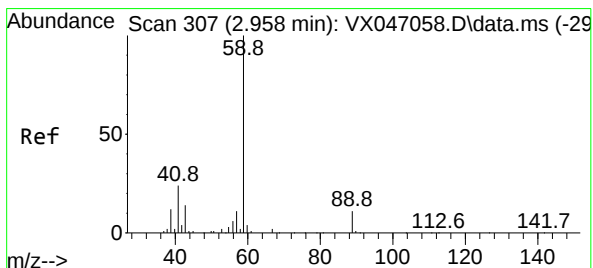
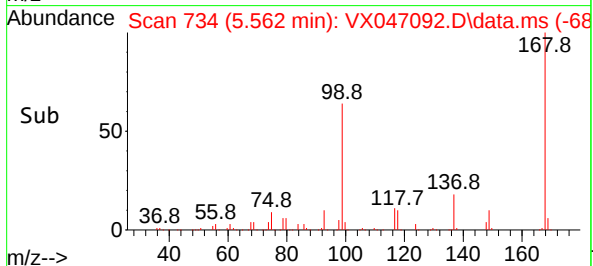
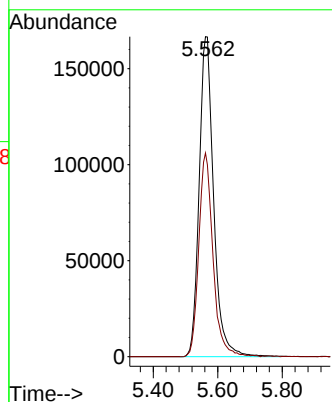


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

Instrument :
MSVOA_X
ClientSampleId :
CC0627-AOXL

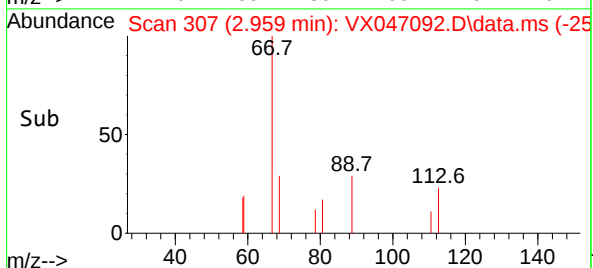
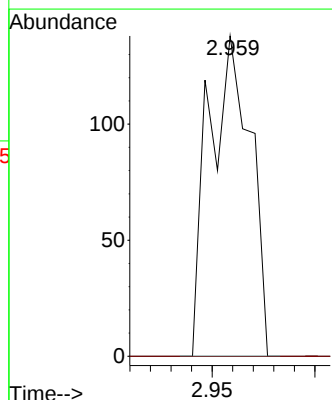
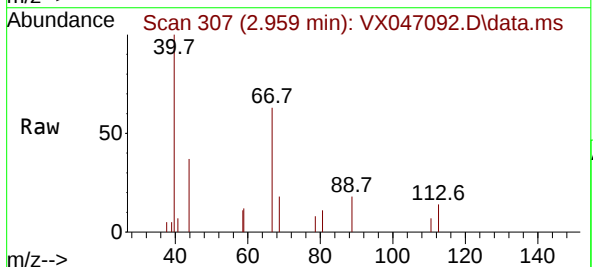


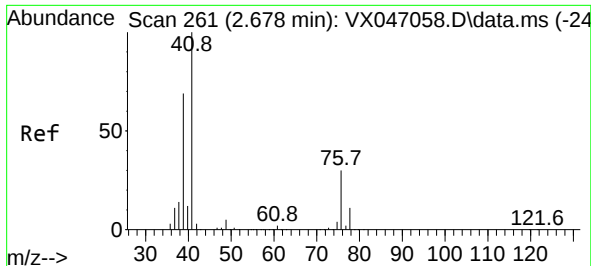
Tgt Ion:168 Resp: 518828
Ion Ratio Lower Upper
168 100
99 63.7 48.0 72.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 59 Resp: 194
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

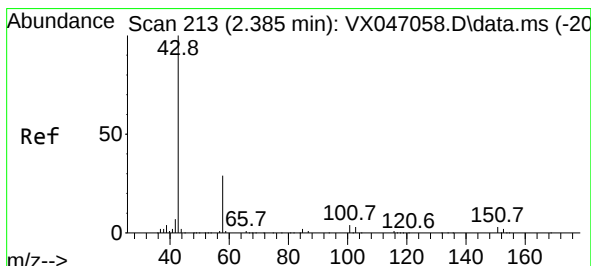
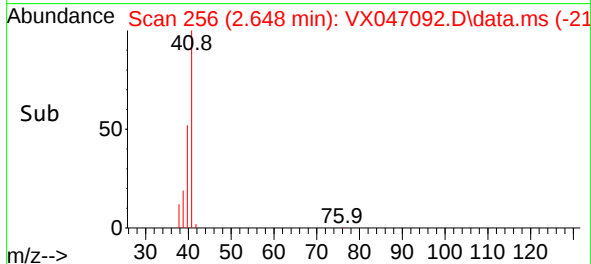
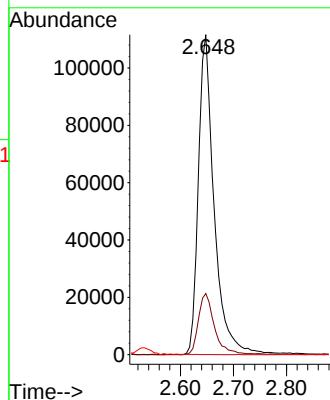
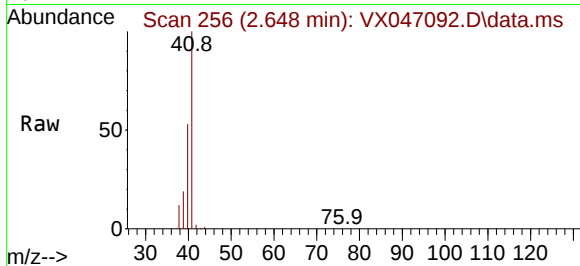




#14
Allyl chloride
Concen: 19.564 ug/l
RT: 2.648 min Scan# 214
Delta R.T. -0.030 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

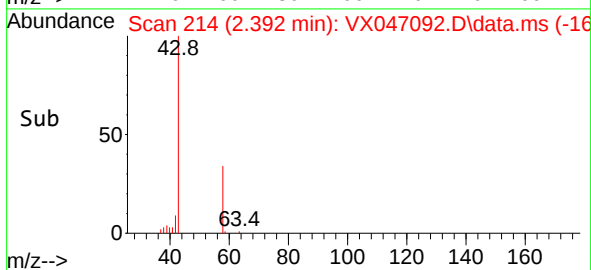
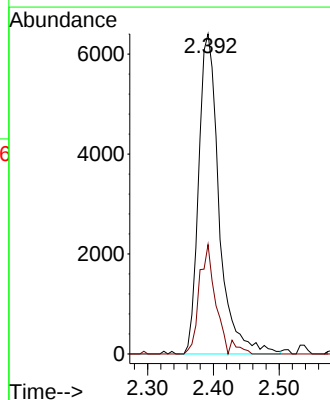
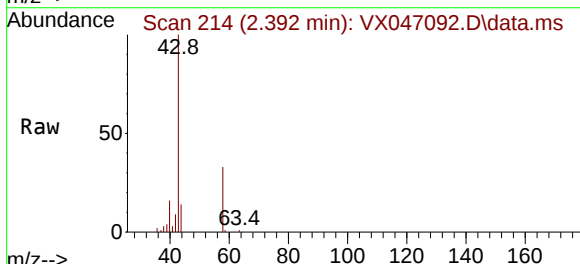
Instrument :
MSVOA_X
ClientSampleId :
CC0627-AOXL

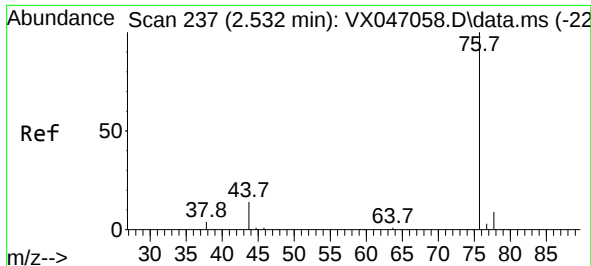
Tgt Ion: 41 Resp: 230583
Ion Ratio Lower Upper
41 100
39 19.6 52.6 78.8#
76 0.0 25.7 38.5#



#16
Acetone
Concen: 5.326 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 43 Resp: 13789
Ion Ratio Lower Upper
43 100
58 30.0 24.0 36.0

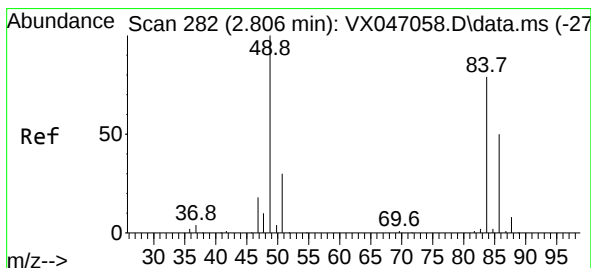
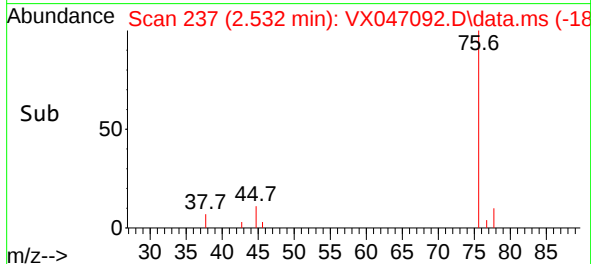
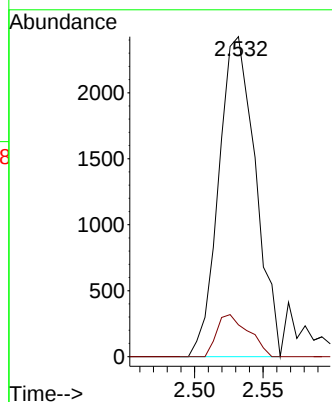
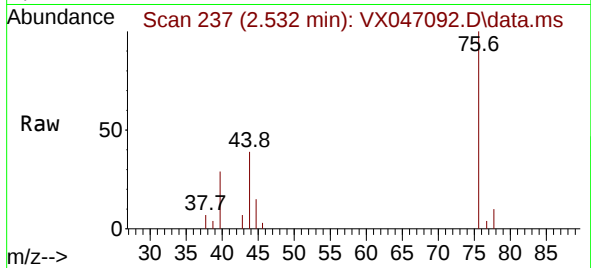




#17
Carbon Disulfide
Concen: 0.240 ug/l
RT: 2.532 min Scan# 217
Delta R.T. 0.000 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

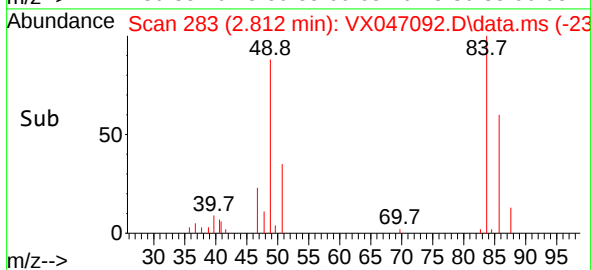
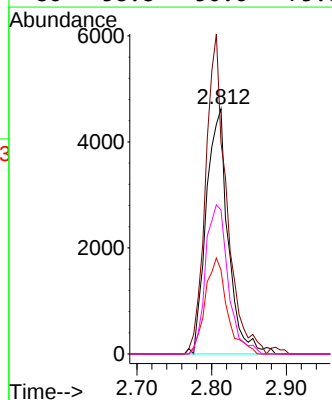
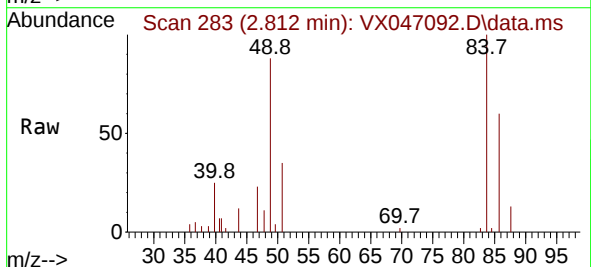
Instrument :
MSVOA_X
ClientSampleId :
CC0627-AOXL

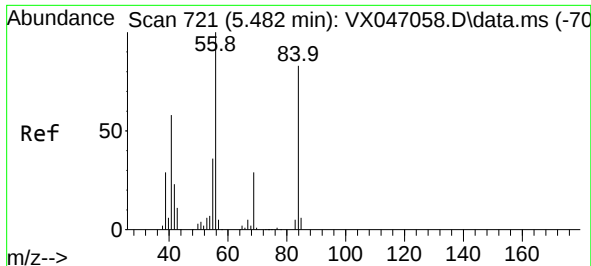
Tgt Ion: 76 Resp: 4527
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4



#20
Methylene Chloride
Concen: 1.324 ug/l
RT: 2.812 min Scan# 283
Delta R.T. 0.006 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

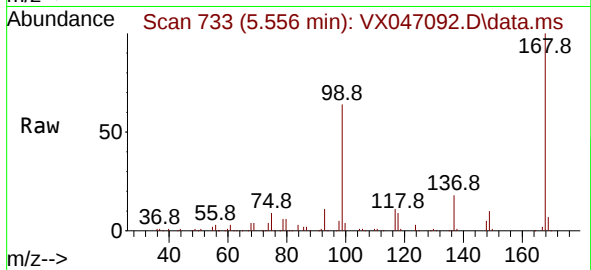
Tgt Ion: 84 Resp: 9434
Ion Ratio Lower Upper
84 100
49 90.1 101.6 152.4#
51 34.2 30.3 45.5
86 58.8 50.6 75.8



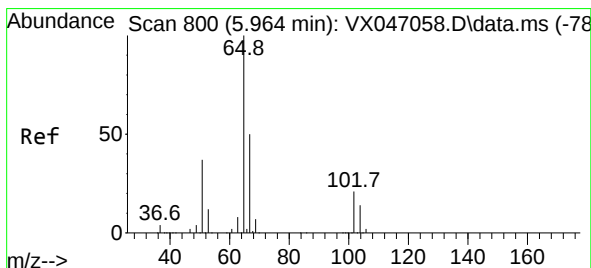
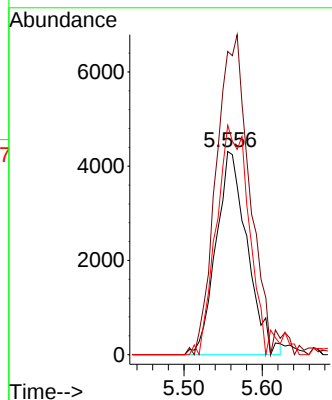
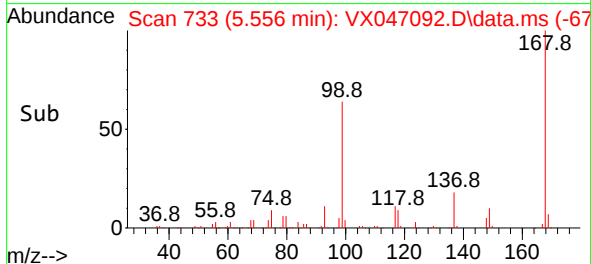


#31
Cyclohexane
Concen: 0.982 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

Instrument :
MSVOA_X
ClientSampleId :
CC0627-AOXL

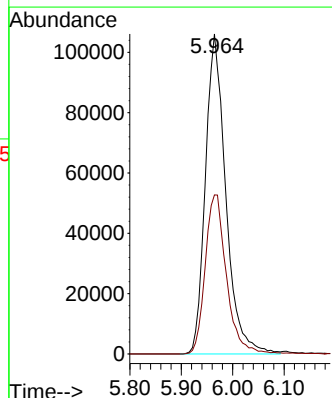
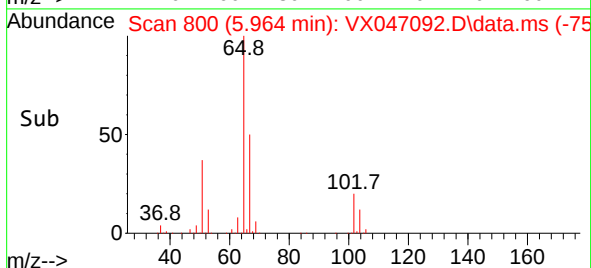
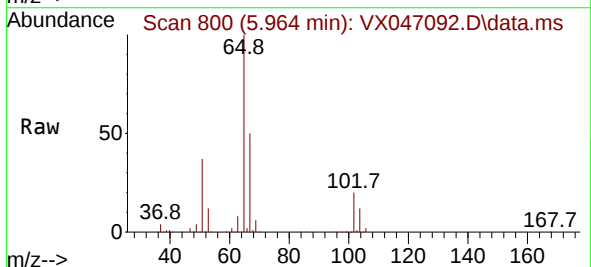


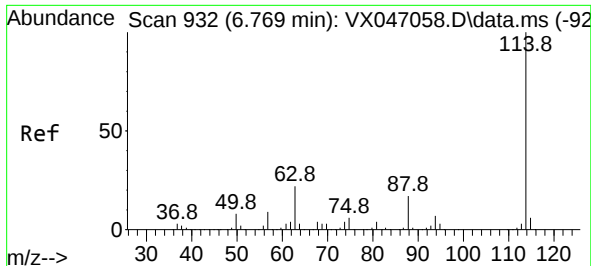
Tgt Ion: 56 Resp: 11869
Ion Ratio Lower Upper
56 100
69 149.2 23.3 34.9#
84 112.9 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 45.207 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 65 Resp: 292171
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8

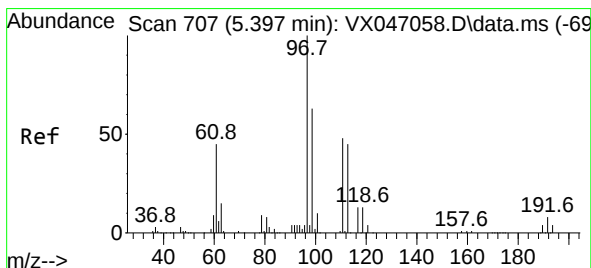
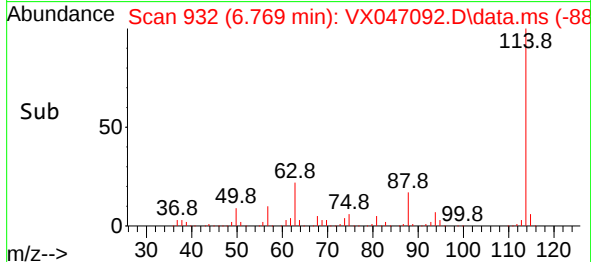
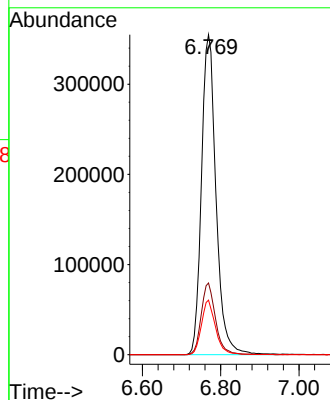
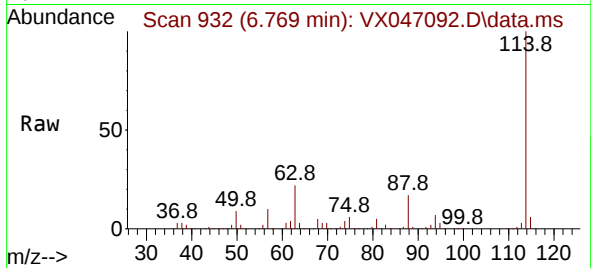




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

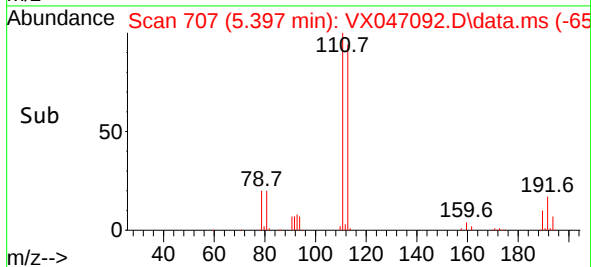
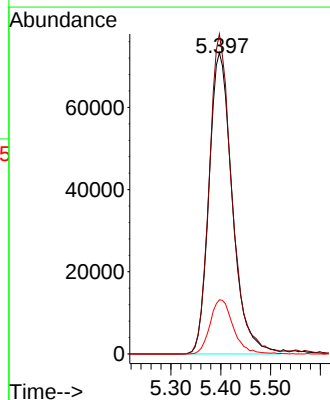
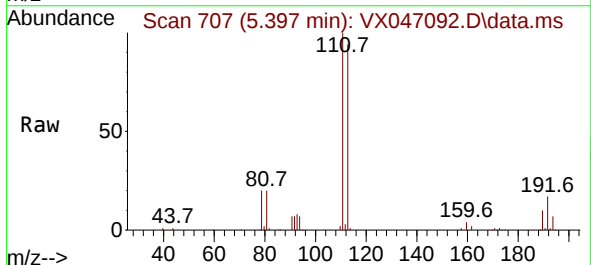
Instrument :
MSVOA_X
ClientSampleId :
CC0627-AOXL

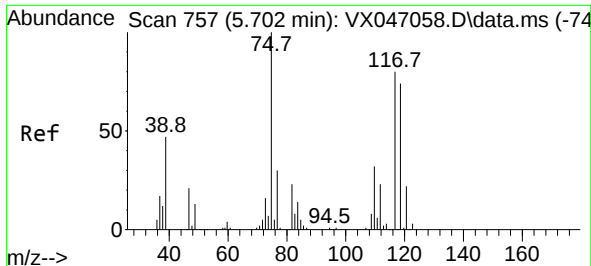
Tgt Ion:114 Resp: 915745
Ion Ratio Lower Upper
114 100
63 22.4 0.0 43.2
88 17.0 0.0 33.8



#35
Dibromofluoromethane
Concen: 42.107 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

Tgt Ion:113 Resp: 238076
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 17.9 14.9 22.3

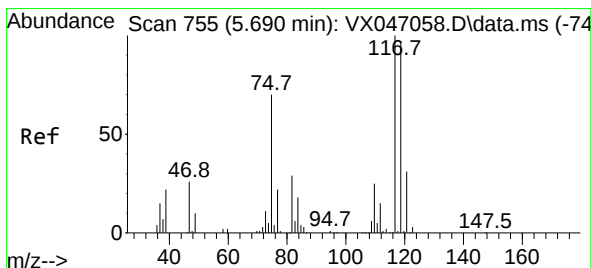
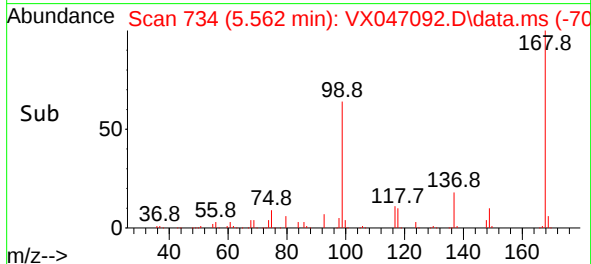
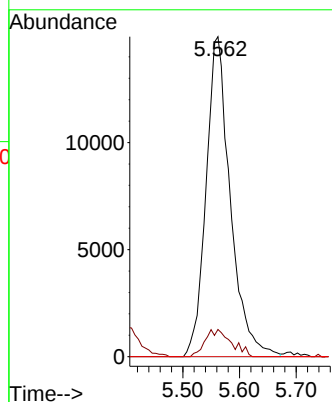
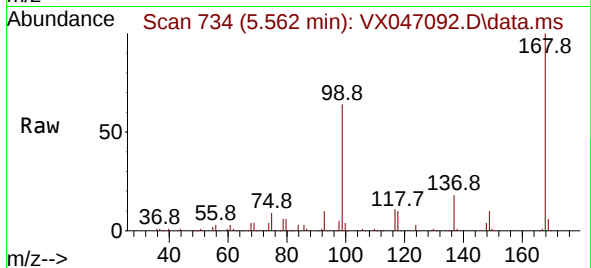




#36
1,1-Dichloropropene
Concen: 4.608 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

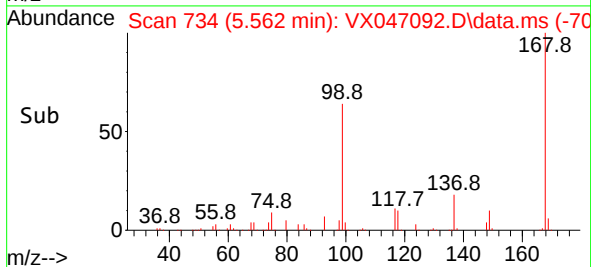
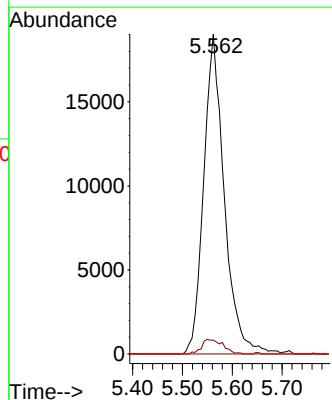
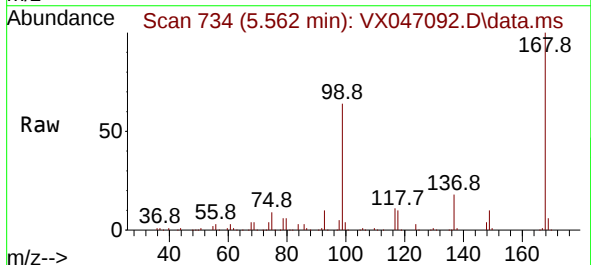
Instrument :
MSVOA_X
ClientSampleId :
CC0627-AOXL

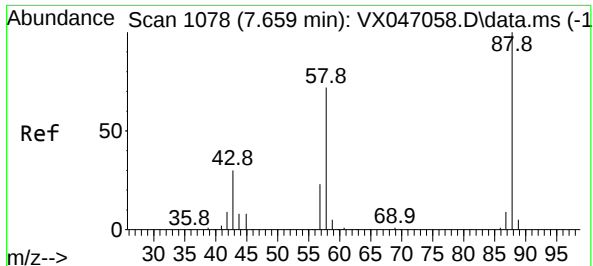
Tgt Ion: 75 Resp: 44416
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.5#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.304 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 117 Resp: 54561
Ion Ratio Lower Upper
117 100
119 4.3 76.6 115.0#
121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: 0.979 ug/l

RT: 7.708 min Scan# 11

Delta R.T. 0.049 min

Lab File: VX047092.D

Acq: 23 Jul 2025 15:31

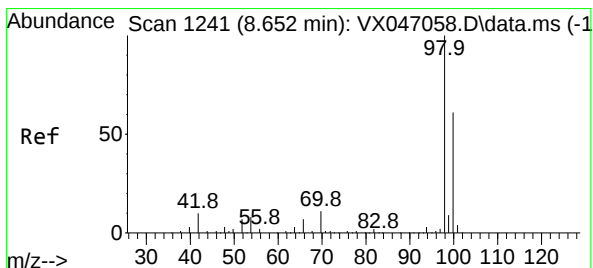
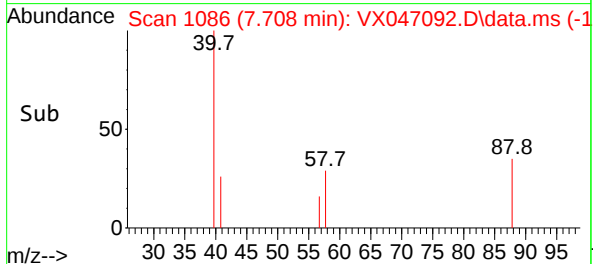
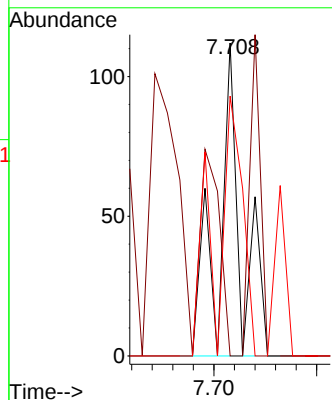
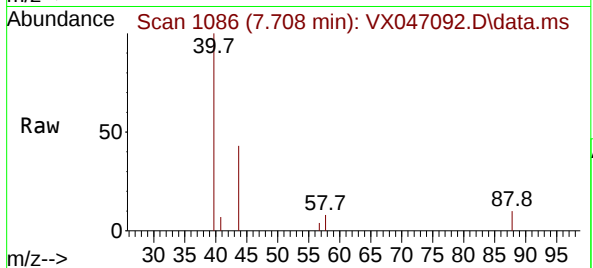
Instrument :

MSVOA_X

ClientSampleId :

CC0627-AOXL

Tgt Ion:	88	Resp:	84
Ion	Ratio	Lower	Upper
88	100		
43	58.3	33.6	50.4#
58	98.8	58.8	88.2#



#50

Toluene-d8

Concen: 48.807 ug/l

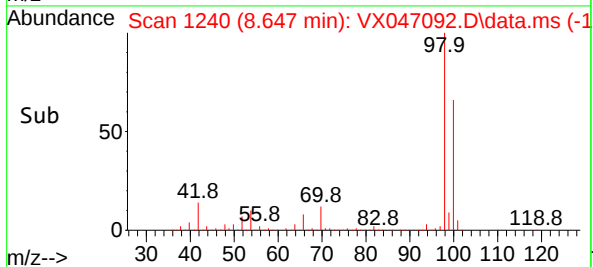
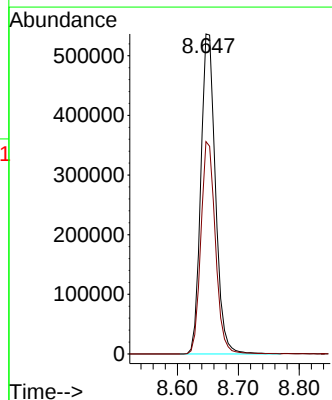
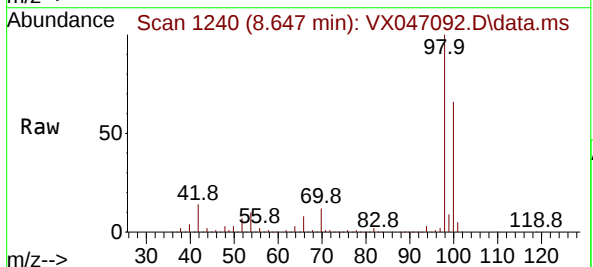
RT: 8.647 min Scan# 1240

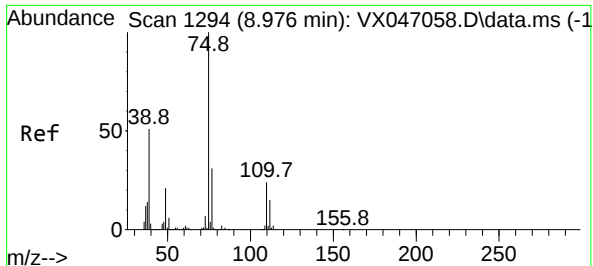
Delta R.T. -0.006 min

Lab File: VX047092.D

Acq: 23 Jul 2025 15:31

Tgt Ion:	98	Resp:	893698
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.3	79.9





#53

t-1,3-Dichloropropene

Concen: 0.307 ug/l

RT: 9.037 min Scan# 11

Delta R.T. 0.061 min

Lab File: VX047092.D

Acq: 23 Jul 2025 15:31

Instrument :

MSVOA_X

ClientSampleId :

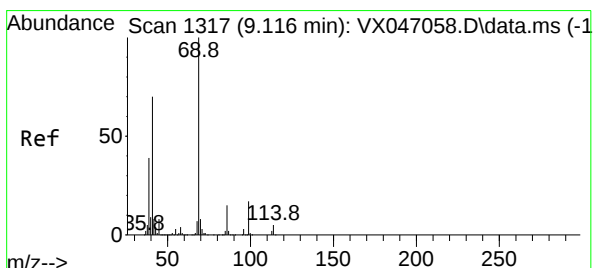
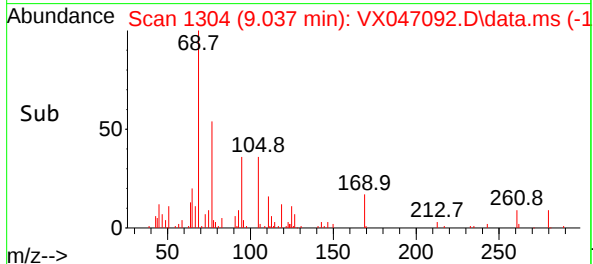
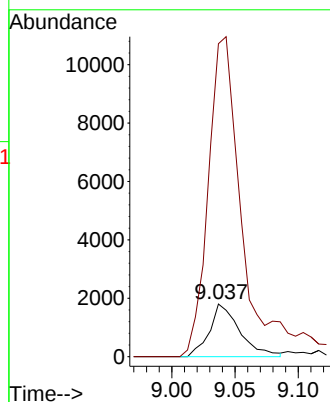
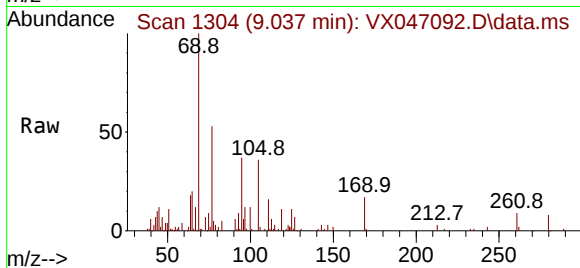
CC0627-AOXL

Tgt Ion: 75 Resp: 3019

Ion Ratio Lower Upper

75 100

77 594.2 24.5 36.7#



#56

Ethyl methacrylate

Concen: 4.320 ug/l

RT: 9.043 min Scan# 1305

Delta R.T. -0.073 min

Lab File: VX047092.D

Acq: 23 Jul 2025 15:31

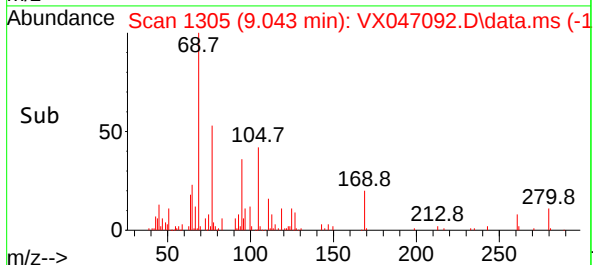
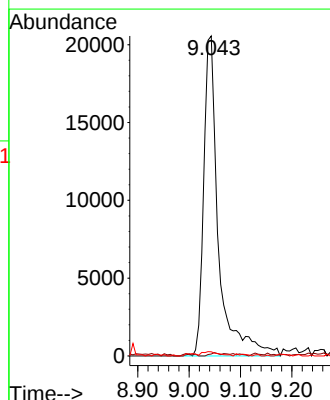
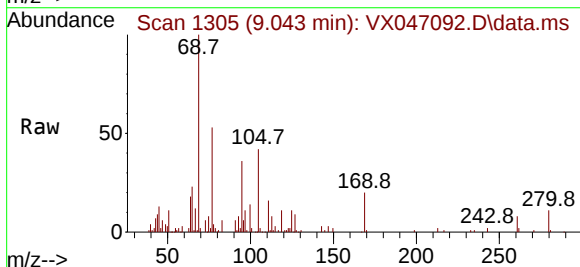
Tgt Ion: 69 Resp: 41135

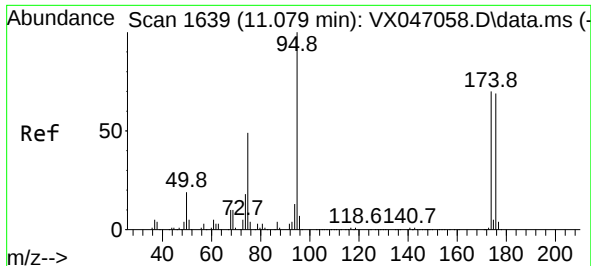
Ion Ratio Lower Upper

69 100

41 0.6 56.1 84.1#

39 1.5 31.1 46.7#

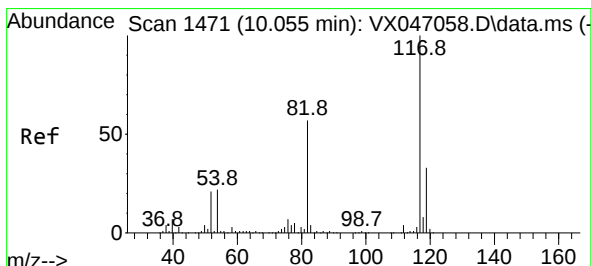
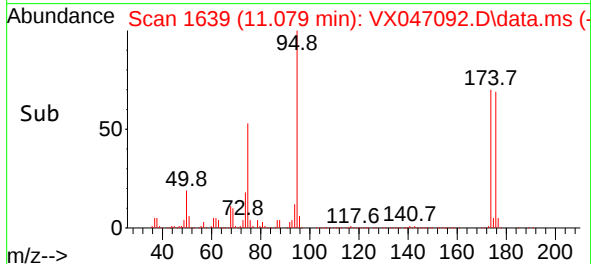
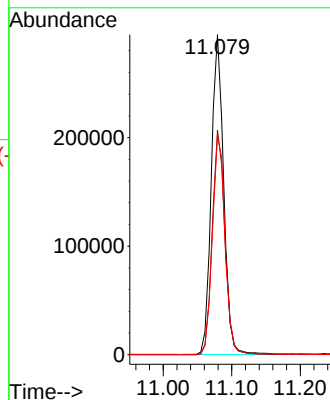
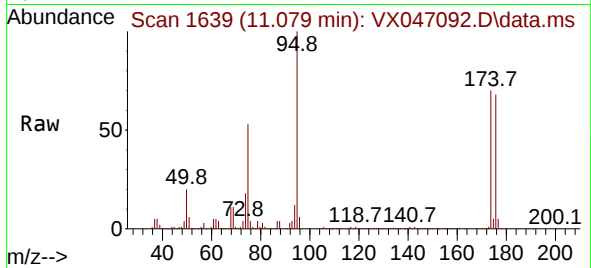




#62
4-Bromofluorobenzene
Concen: 46.851 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

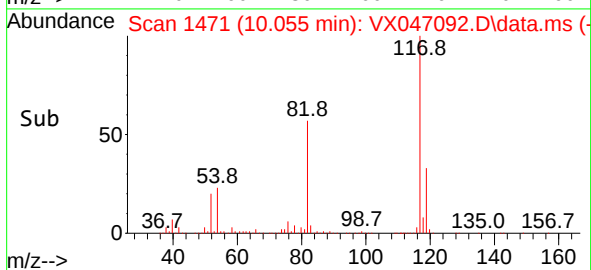
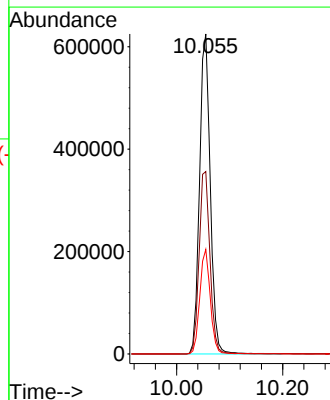
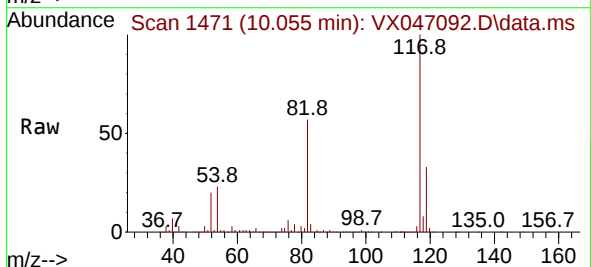
Instrument :
MSVOA_X
ClientSampleId :
CC0627-AOXL

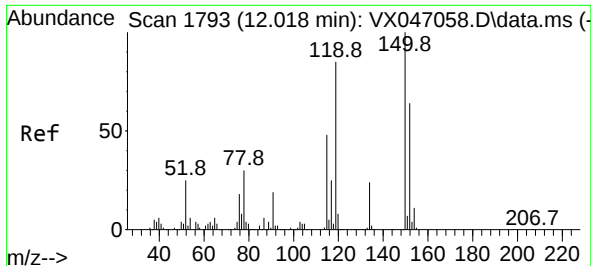
Tgt Ion: 95 Resp: 369700
Ion Ratio Lower Upper
95 100
174 71.4 0.0 144.6
176 70.4 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 117 Resp: 876790
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.2
119 32.7 26.1 39.1

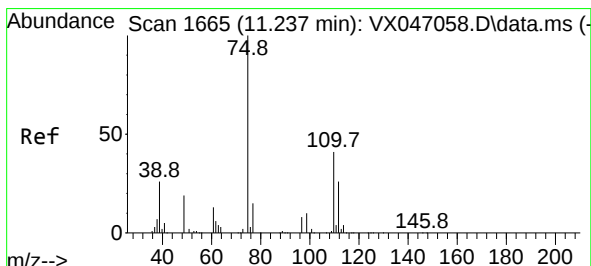
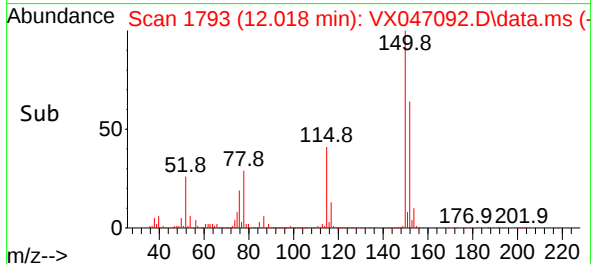
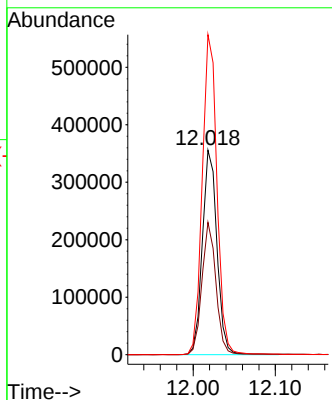
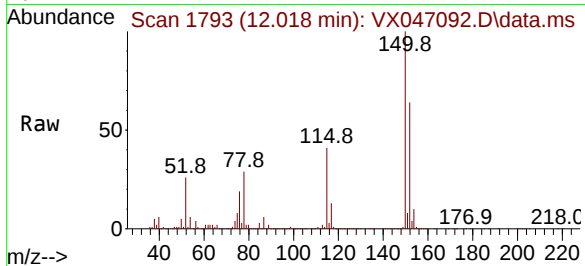




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

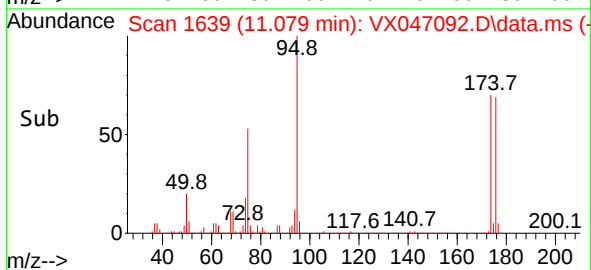
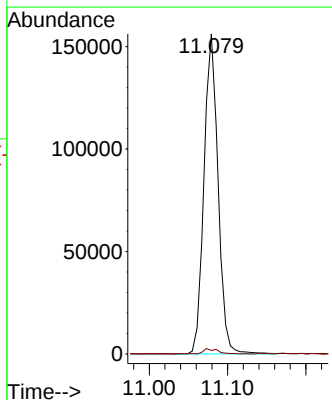
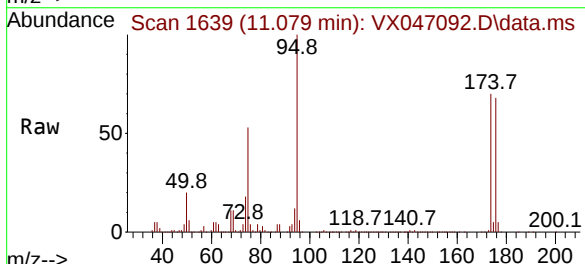
Instrument :
MSVOA_X
ClientSampleId :
CC0627-AOXL

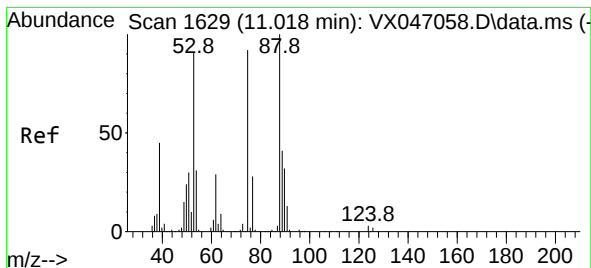
Tgt Ion:152 Resp: 439672
Ion Ratio Lower Upper
152 100
115 62.3 45.6 136.7
150 157.7 0.0 354.6



#76
1,2,3-Trichloropropane
Concen: 23.915 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 75 Resp: 194621
Ion Ratio Lower Upper
75 100
77 1.8 21.6 65.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.614 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047092.D
 Acq: 23 Jul 2025 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0627-AOXL

Tgt Ion: 75 Resp: 194621
 Ion Ratio Lower Upper
 75 100
 53 0.1 84.2 126.4#
 89 0.0 36.0 54.0#

