

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090225\
 Data File : VX047579.D
 Acq On : 02 Sep 2025 13:23
 Operator : JC/MD
 Sample : Q2996-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CONTAINMENT-B

Quant Time: Sep 03 02:16:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

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

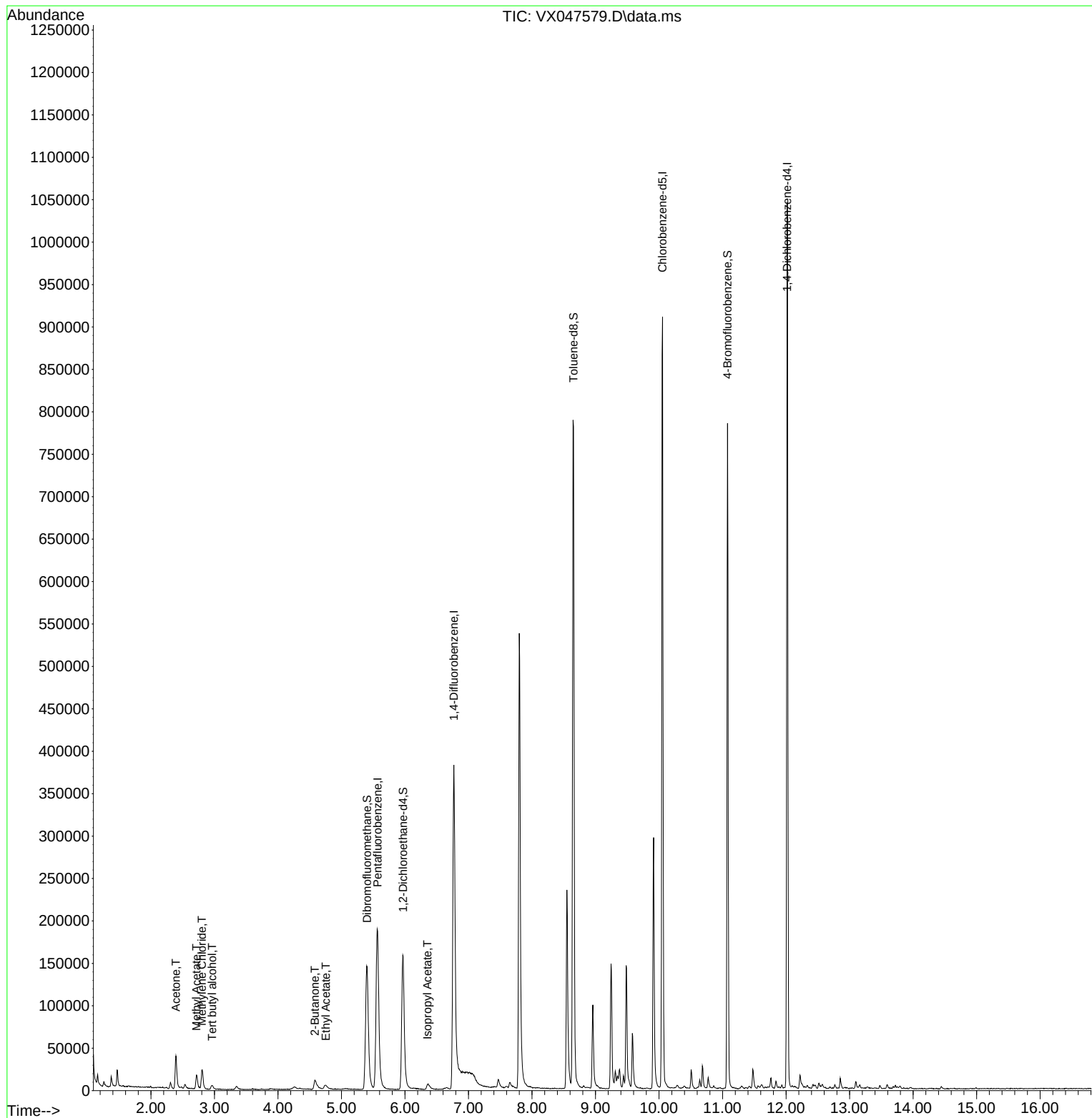
Internal Standards						
1) Pentafluorobenzene	5.568	168	190509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	395753	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	403743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	211855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	165011	56.403	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.800%	
35) Dibromofluoromethane	5.404	113	139975	51.533	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.060%	
50) Toluene-d8	8.653	98	495076	52.000	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.000%	
62) 4-Bromofluorobenzene	11.079	95	210280	58.791	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 117.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	5328	19.814	ug/l #	93
16) Acetone	2.392	43	50740	43.793	ug/l	98
18) Methyl Acetate	2.715	43	24543	8.592	ug/l	98
20) Methylene Chloride	2.800	84	11455	3.885	ug/l	98
25) 2-Butanone	4.580	43	25133	16.483	ug/l	93
37) Ethyl Acetate	4.751	43	13800	3.622	ug/l #	88
43) Isopropyl Acetate	6.355	43	10781	1.761	ug/l #	85

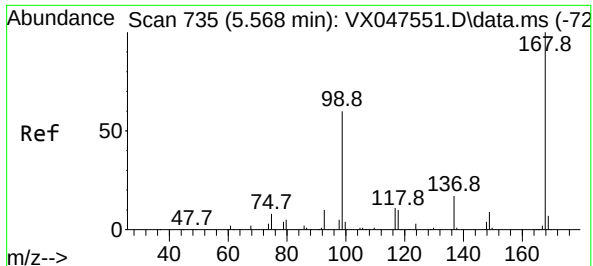
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
CONTAINMENT-B

Quant Time: Sep 03 02:16:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

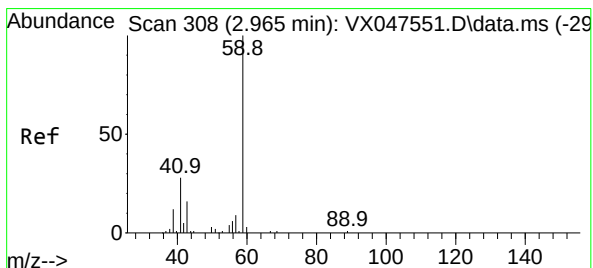
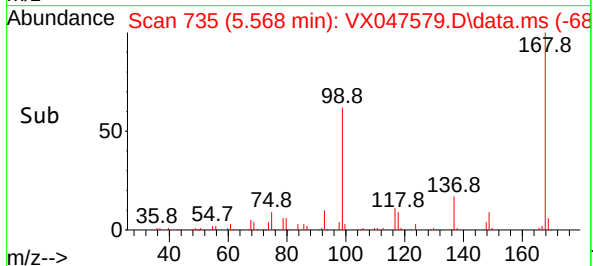
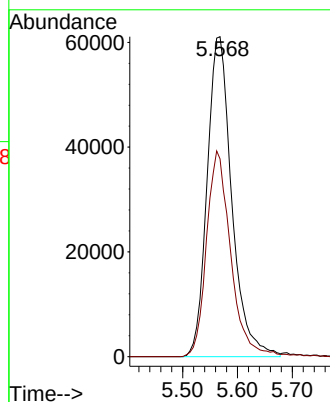
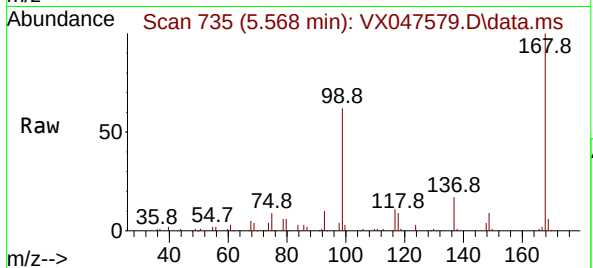




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047579.D
Acq: 02 Sep 2025 13:23

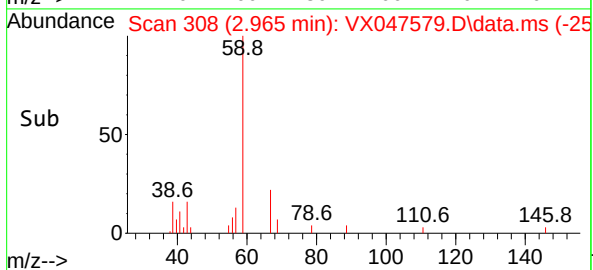
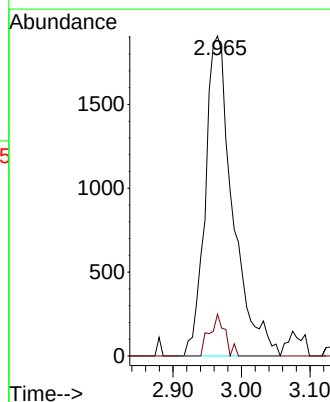
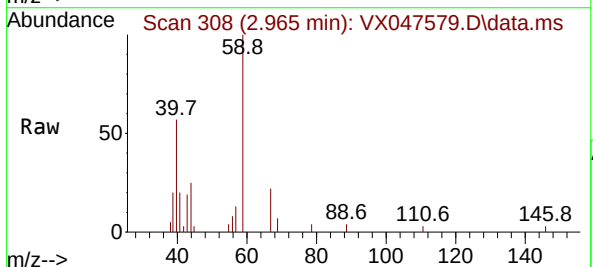
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-B

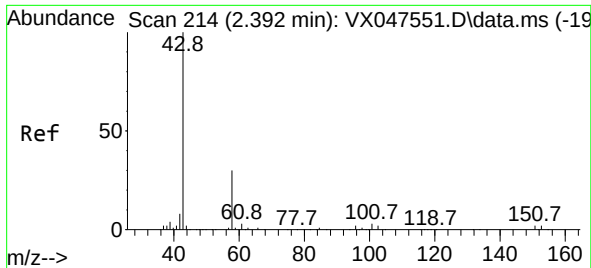
Tgt Ion:168 Resp: 190509
Ion Ratio Lower Upper
168 100
99 61.8 48.9 73.3



#11
Tert butyl alcohol
Concen: 19.814 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX047579.D
Acq: 02 Sep 2025 13:23

Tgt Ion: 59 Resp: 5328
Ion Ratio Lower Upper
59 100
57 7.3 7.9 11.9#

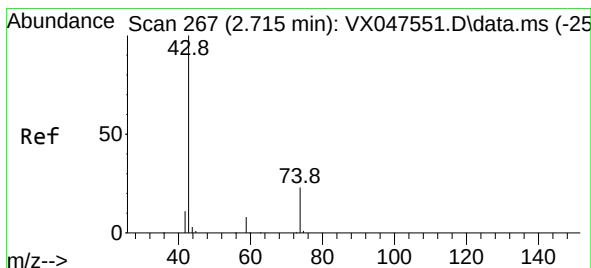
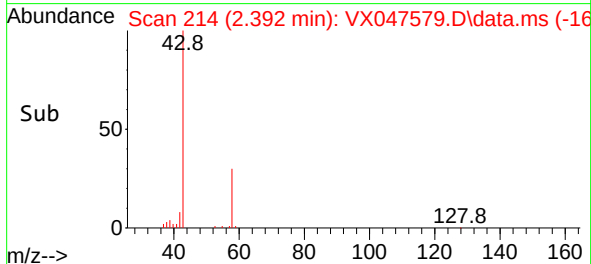
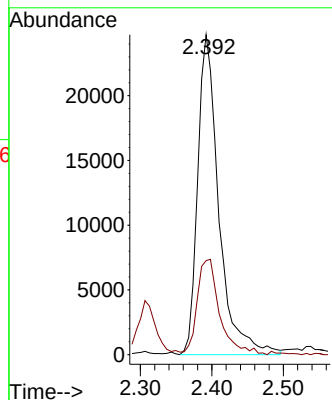
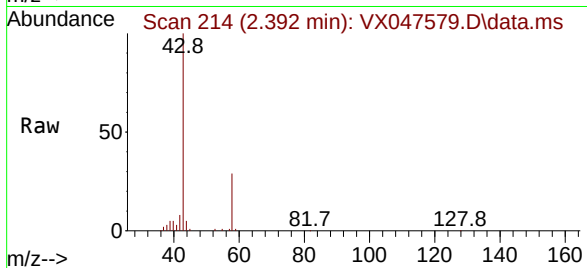




#16
Acetone
Concen: 43.793 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047579.D
Acq: 02 Sep 2025 13:23

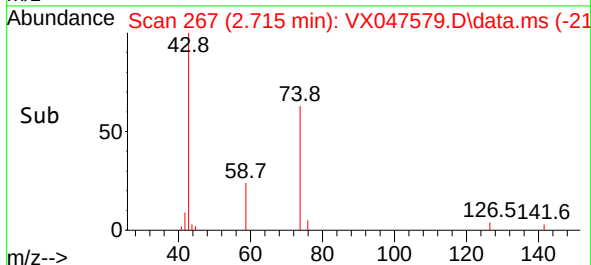
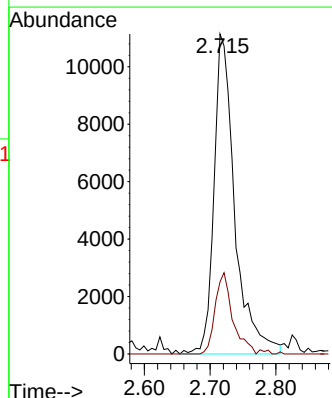
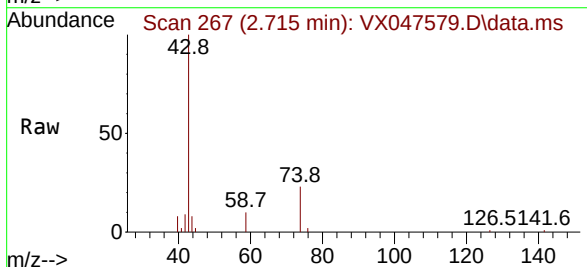
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-B

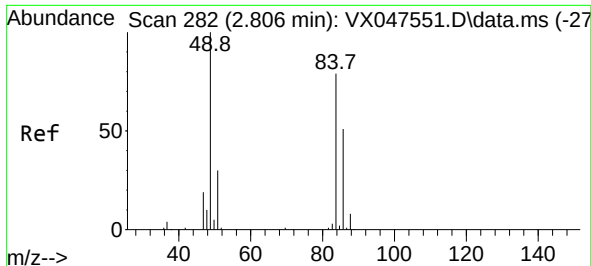
Tgt Ion: 43 Resp: 50740
Ion Ratio Lower Upper
43 100
58 28.9 24.2 36.2



#18
Methyl Acetate
Concen: 8.592 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047579.D
Acq: 02 Sep 2025 13:23

Tgt Ion: 43 Resp: 24543
Ion Ratio Lower Upper
43 100
74 21.3 17.8 26.8

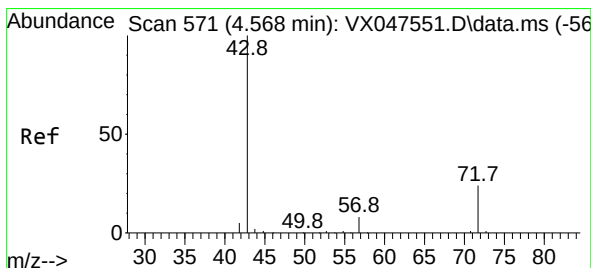
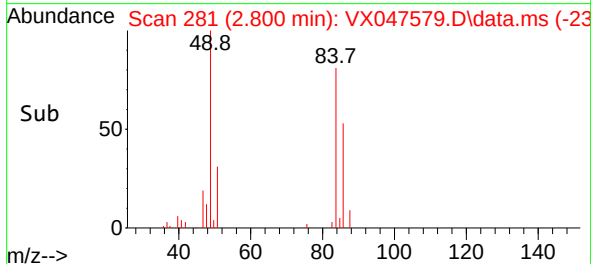
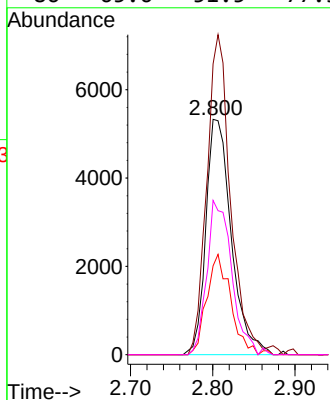
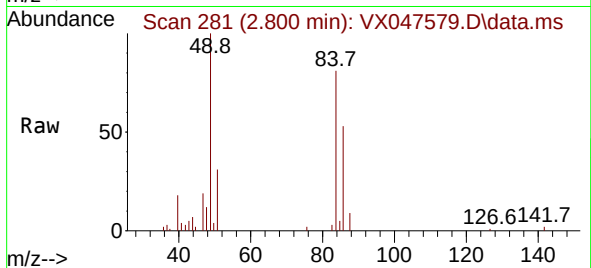




#20
Methylene Chloride
Concen: 3.885 ug/l
RT: 2.800 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047579.D
Acq: 02 Sep 2025 13:23

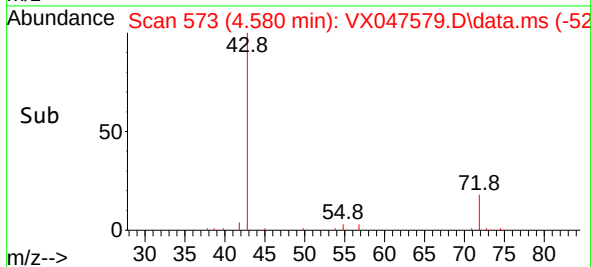
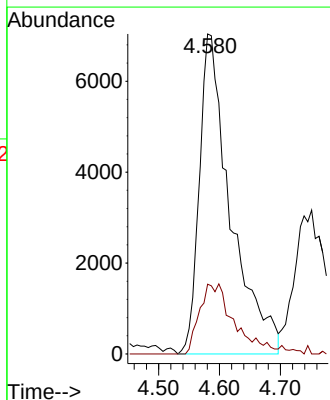
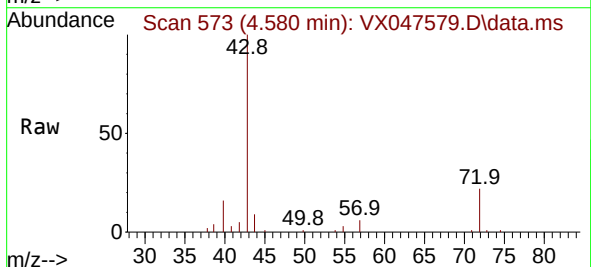
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-B

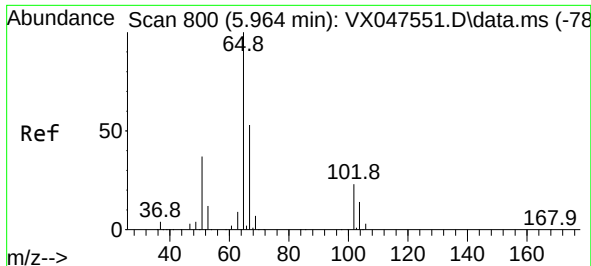
Tgt Ion:	84	Resp:	11455
Ion	Ratio	Lower	Upper
84	100		
49	123.6	101.4	152.2
51	37.8	30.6	46.0
86	65.6	51.5	77.3



#25
2-Butanone
Concen: 16.483 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX047579.D
Acq: 02 Sep 2025 13:23

Tgt Ion:	43	Resp:	25133
Ion	Ratio	Lower	Upper
43	100		
72	21.1	19.5	29.3

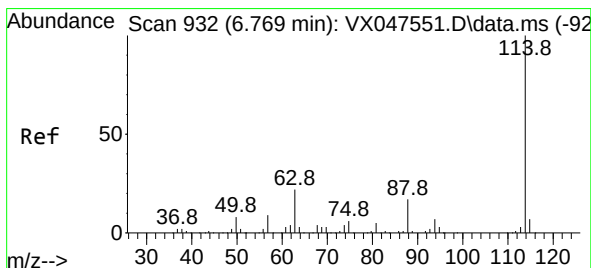
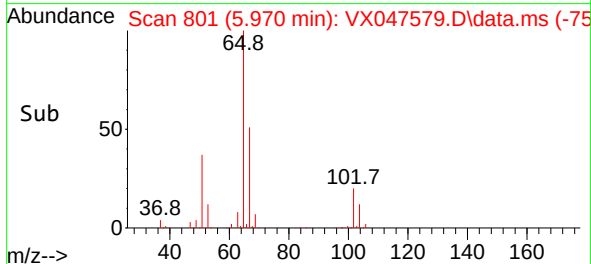
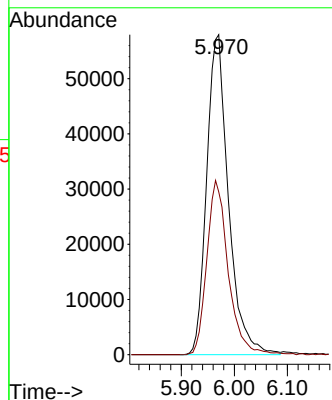
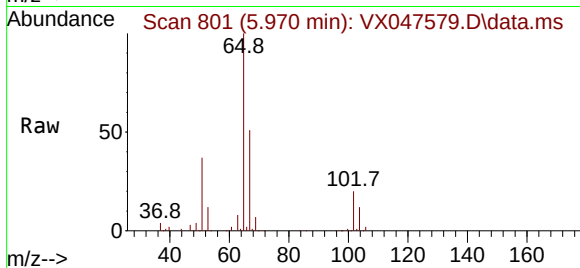




#33
1,2-Dichloroethane-d4
Concen: 56.403 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047579.D
Acq: 02 Sep 2025 13:23

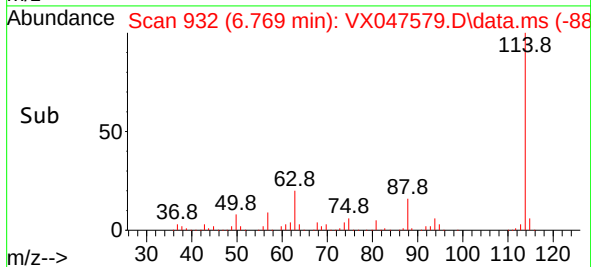
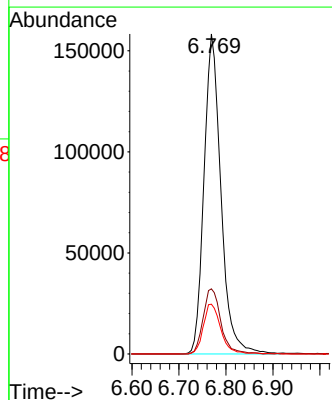
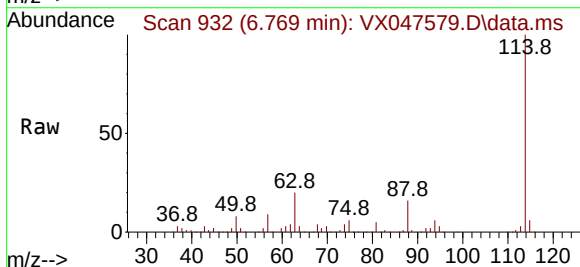
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-B

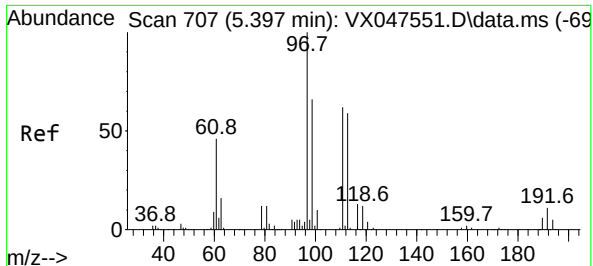
Tgt Ion: 65 Resp: 165011
Ion Ratio Lower Upper
65 100
67 53.6 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047579.D
Acq: 02 Sep 2025 13:23

Tgt Ion: 114 Resp: 395753
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.6
88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.533 ug/l

RT: 5.404 min Scan# 70

Delta R.T. 0.006 min

Lab File: VX047579.D

Acq: 02 Sep 2025 13:23

Instrument :

MSVOA_X

ClientSampleId :

CONTAINMENT-B

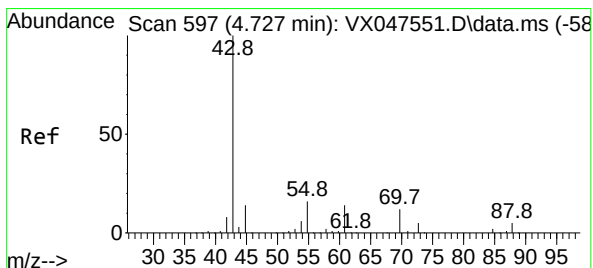
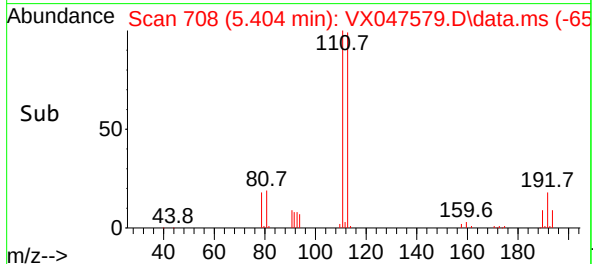
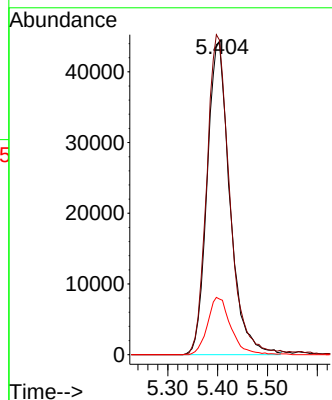
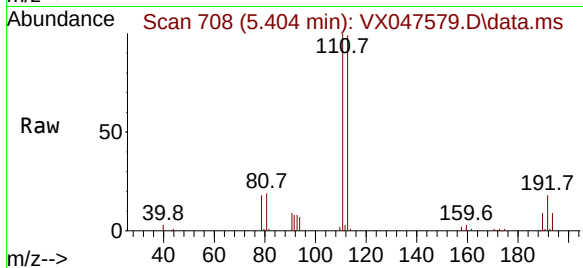
Tgt Ion:113 Resp: 139975

Ion Ratio Lower Upper

113 100

111 103.6 81.2 121.8

192 18.7 14.2 21.4



#37

Ethyl Acetate

Concen: 3.622 ug/l

RT: 4.751 min Scan# 601

Delta R.T. 0.024 min

Lab File: VX047579.D

Acq: 02 Sep 2025 13:23

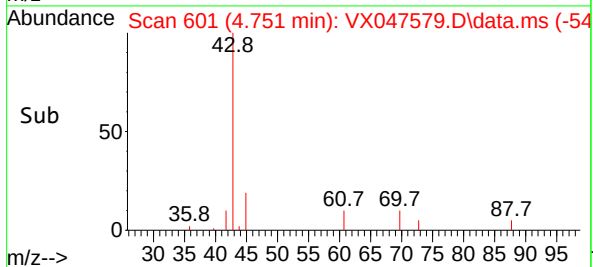
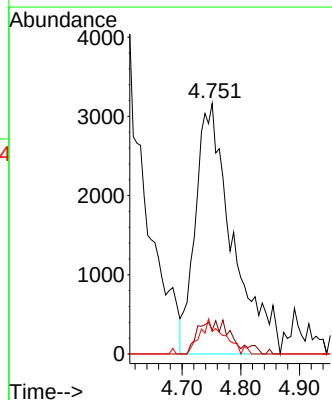
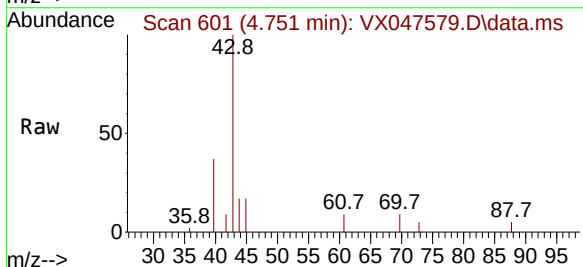
Tgt Ion: 43 Resp: 13800

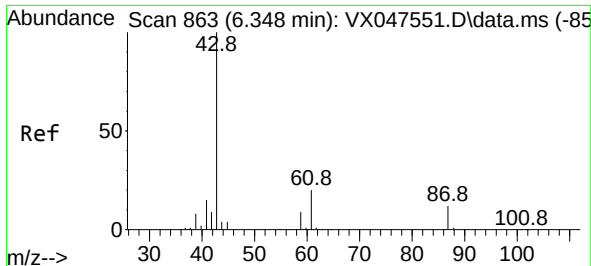
Ion Ratio Lower Upper

43 100

61 5.5 10.2 15.2#

70 8.5 8.2 12.4





#43

Isopropyl Acetate

Concen: 1.761 ug/l

RT: 6.355 min Scan# 864

Delta R.T. 0.006 min

Lab File: VX047579.D

Acq: 02 Sep 2025 13:23

Instrument :

MSVOA_X

ClientSampleId :

CONTAINMENT-B

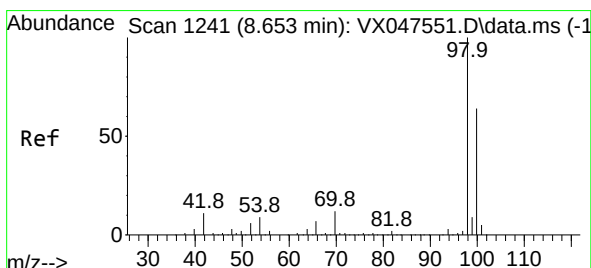
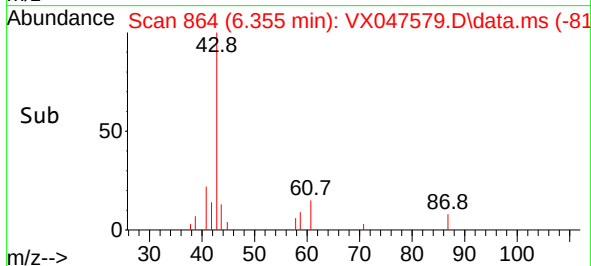
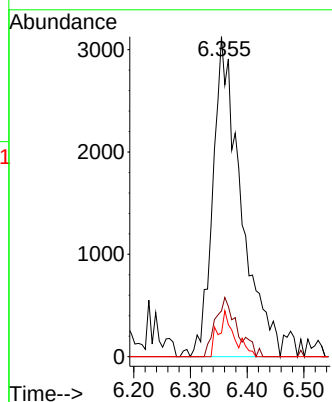
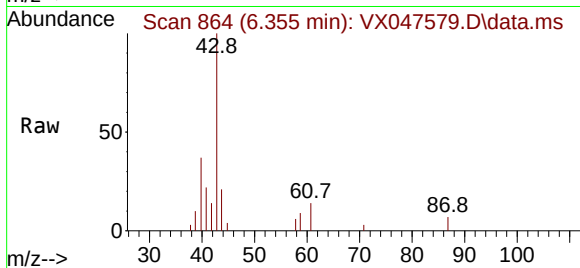
Tgt Ion: 43 Resp: 10781

Ion Ratio Lower Upper

43 100

61 12.5 15.4 23.2#

87 6.8 9.9 14.9#



#50

Toluene-d8

Concen: 52.000 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX047579.D

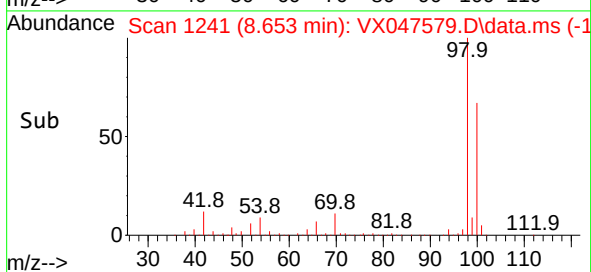
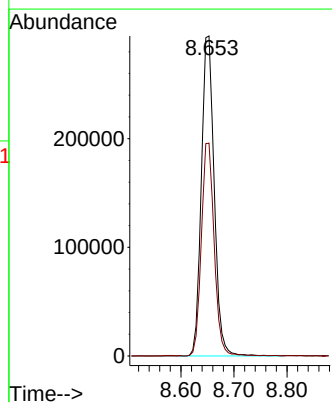
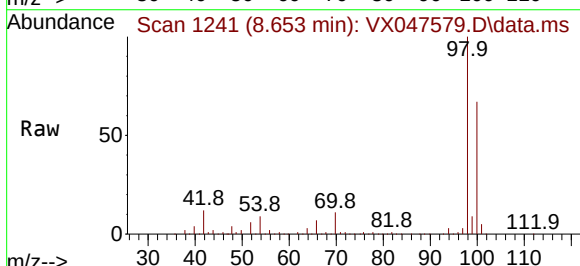
Acq: 02 Sep 2025 13:23

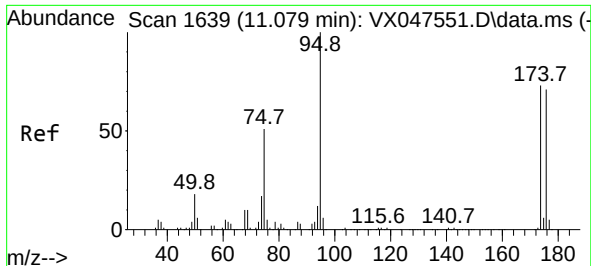
Tgt Ion: 98 Resp: 495076

Ion Ratio Lower Upper

98 100

100 66.3 53.5 80.3

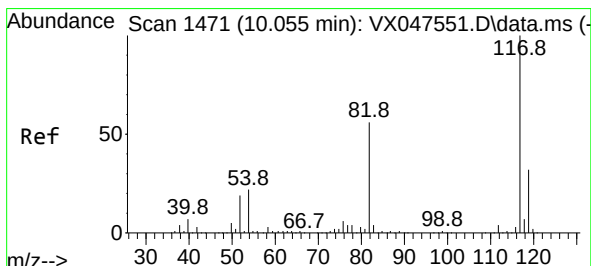
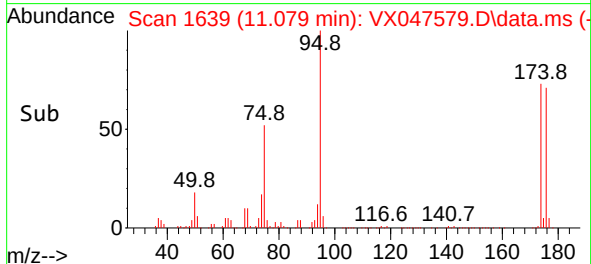
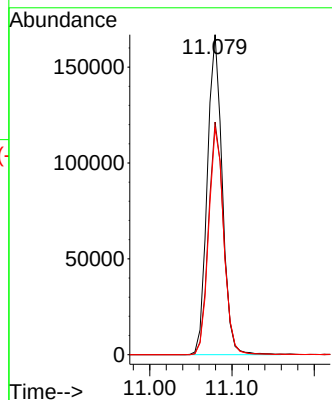
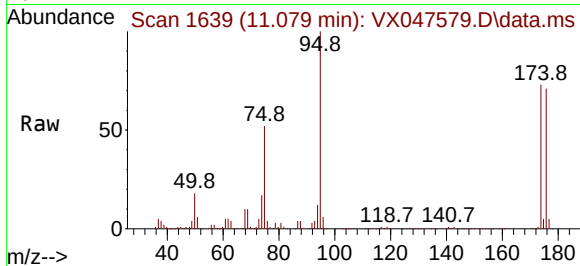




#62
4-Bromofluorobenzene
Concen: 58.791 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047579.D
Acq: 02 Sep 2025 13:23

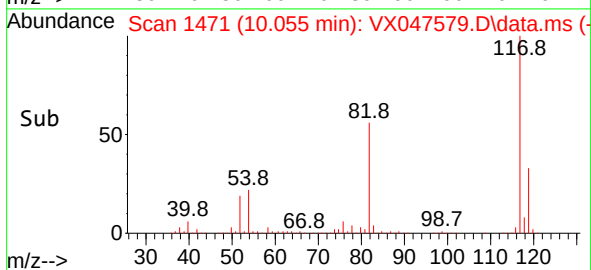
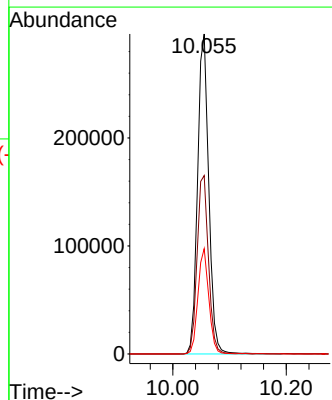
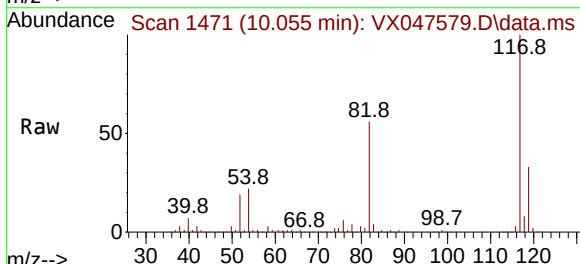
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-B

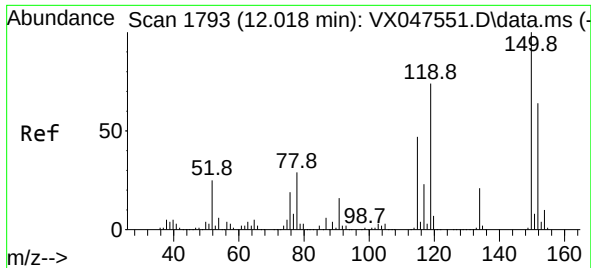
Tgt Ion: 95 Resp: 210280
Ion Ratio Lower Upper
95 100
174 73.8 0.0 145.2
176 71.5 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047579.D
Acq: 02 Sep 2025 13:23

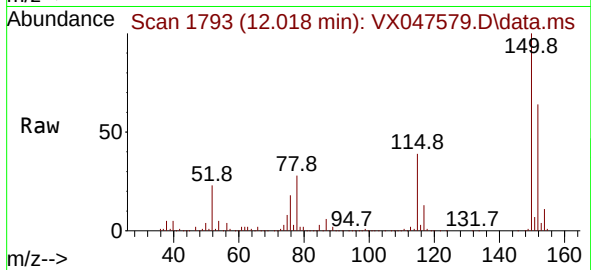
Tgt Ion: 117 Resp: 403743
Ion Ratio Lower Upper
117 100
82 55.8 44.6 66.8
119 32.9 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047579.D
 Acq: 02 Sep 2025 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 CONTAINMENT-B



Tgt Ion:152 Resp: 211855
 Ion Ratio Lower Upper
 152 100
 115 60.8 42.9 128.5
 150 155.4 0.0 351.0

