

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048028.D
 Acq On : 06 Oct 2025 16:33
 Operator : JC/MD
 Sample : Q3202-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3DD

Quant Time: Oct 07 02:18:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

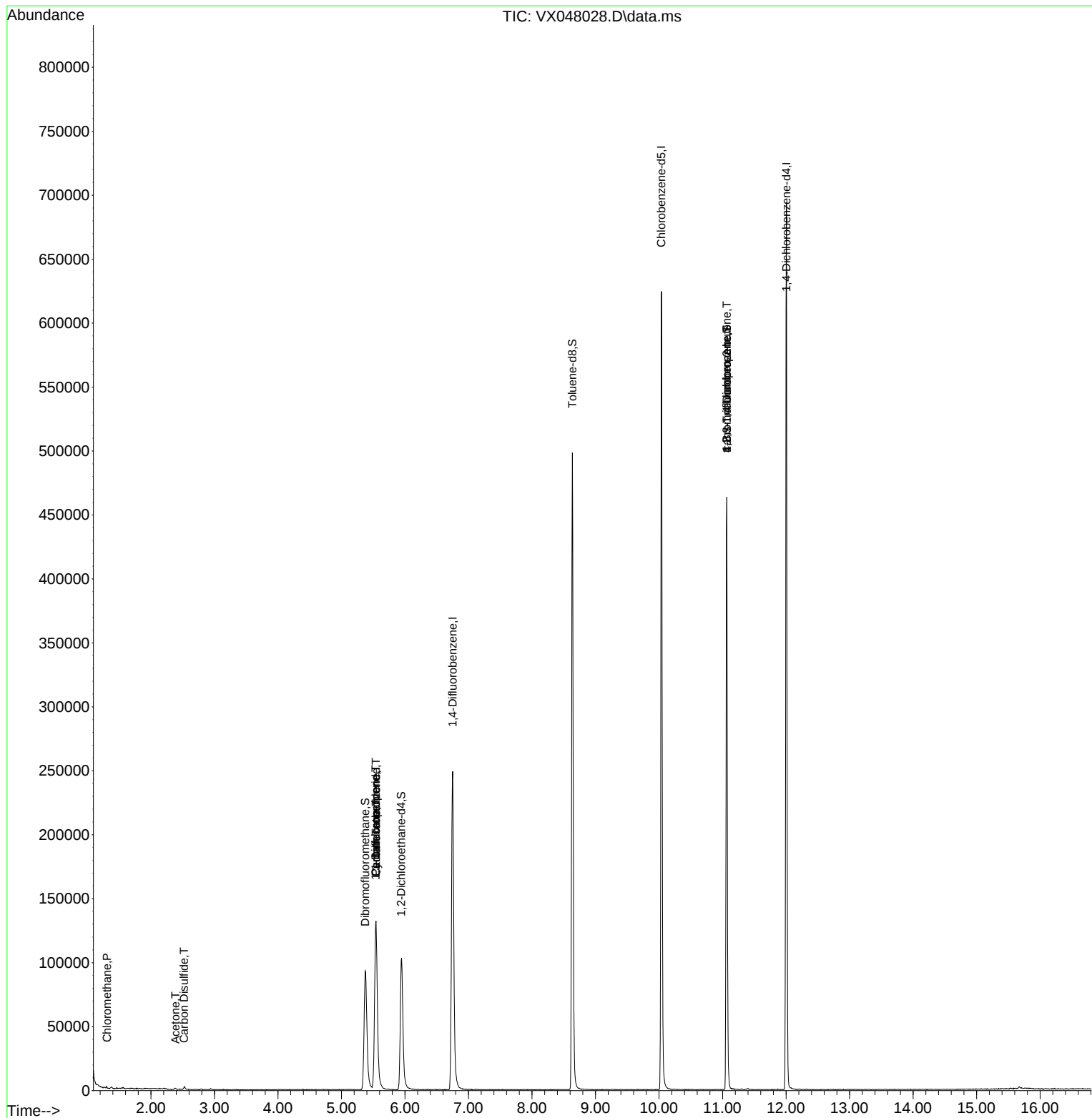
Internal Standards						
1) Pentafluorobenzene	5.544	168	131013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	265963	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	280445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	112558	53.974	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.940%	
35) Dibromofluoromethane	5.373	113	91204	51.132	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.260%	
50) Toluene-d8	8.635	98	308031	49.908	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.820%	
62) 4-Bromofluorobenzene	11.067	95	133269	56.895	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	814	0.457	ug/l #	81
16) Acetone	2.386	43	1300	1.434	ug/l #	63
17) Carbon Disulfide	2.520	76	1364	0.320	ug/l #	76
31) Cyclohexane	5.544	56	2895	1.051	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	11498	4.411	ug/l #	50
38) Carbon Tetrachloride	5.544	117	14283	5.044	ug/l #	18
76) 1,2,3-Trichloropropane	11.067	75	70445	24.758	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.067	75	70445	63.137	ug/l #	8

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

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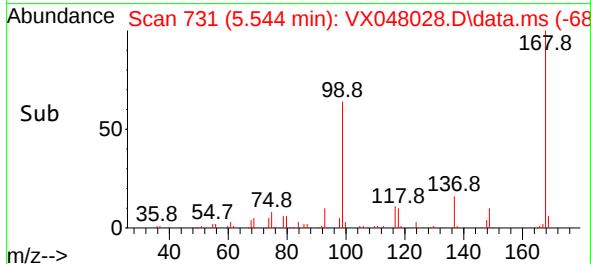
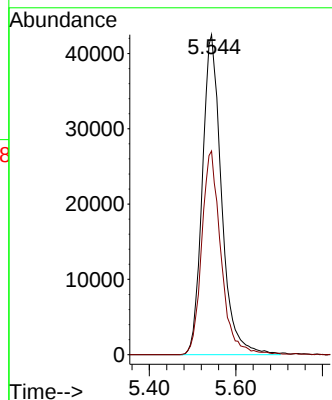
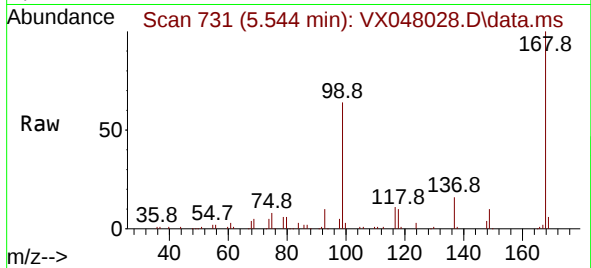




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048028.D
Acq: 06 Oct 2025 16:33

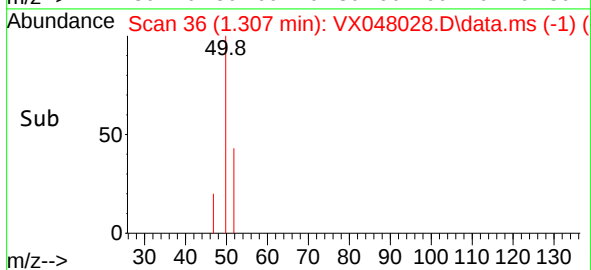
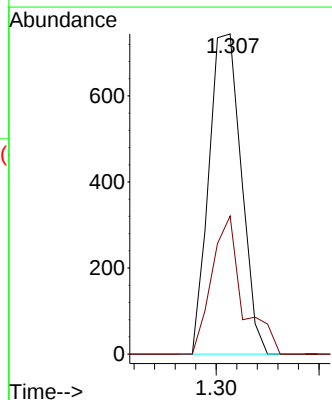
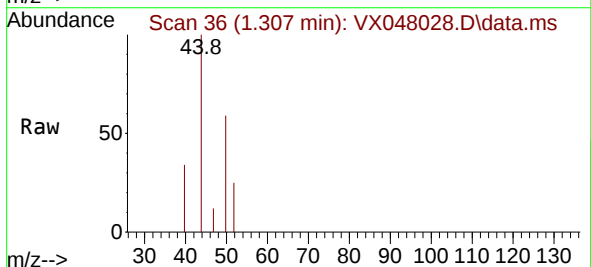
Instrument :
MSVOA_X
ClientSampleId :
SY-3DD

Tgt Ion:168 Resp: 131013
Ion Ratio Lower Upper
168 100
99 63.6 48.8 73.2



#3
Chloromethane
Concen: 0.457 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX048028.D
Acq: 06 Oct 2025 16:33

Tgt Ion: 50 Resp: 814
Ion Ratio Lower Upper
50 100
52 43.1 26.1 39.1#

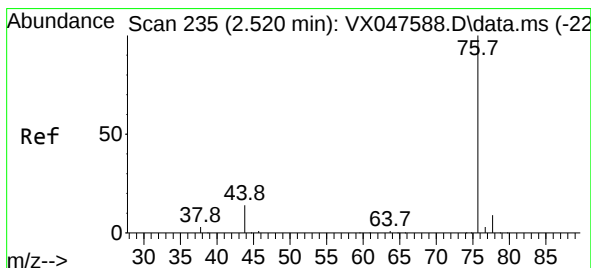
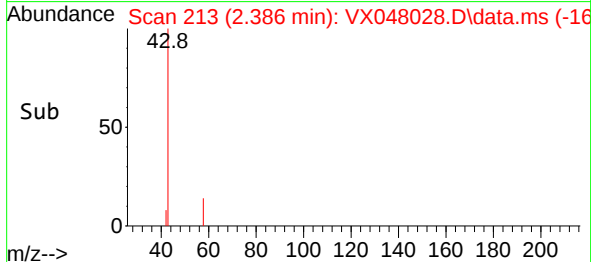
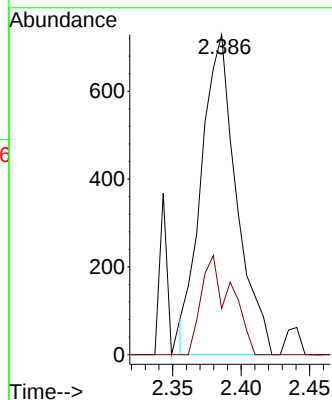
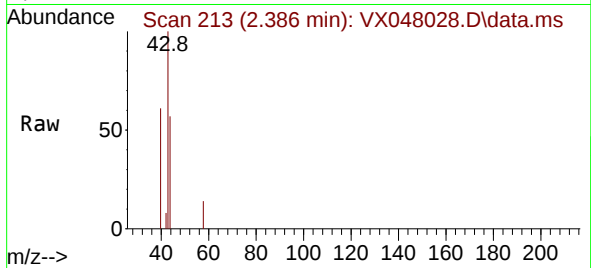




#16
Acetone
Concen: 1.434 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX048028.D
Acq: 06 Oct 2025 16:33

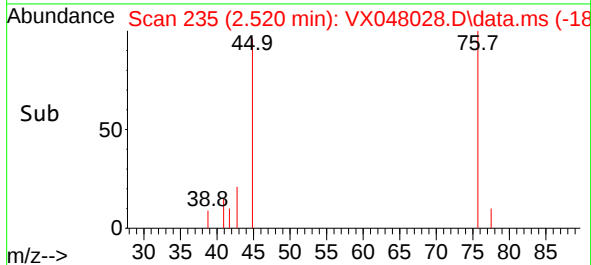
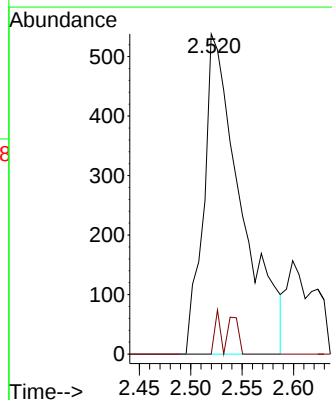
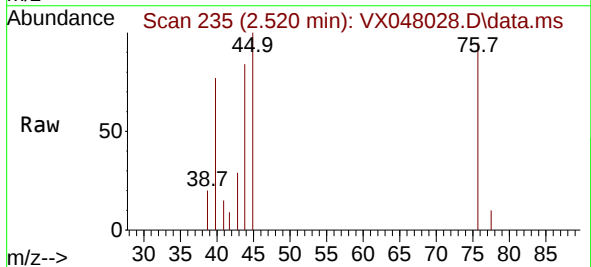
Instrument :
MSVOA_X
ClientSampleId :
SY-3DD

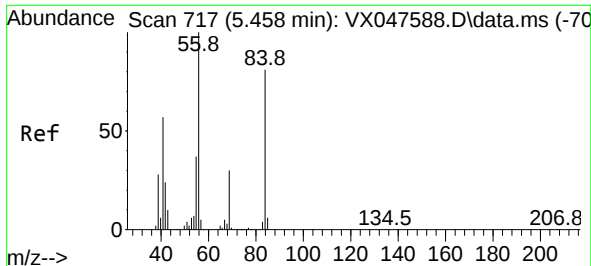
Tgt Ion: 43 Resp: 1300
Ion Ratio Lower Upper
43 100
58 9.2 23.4 35.0#



#17
Carbon Disulfide
Concen: 0.320 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX048028.D
Acq: 06 Oct 2025 16:33

Tgt Ion: 76 Resp: 1364
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#

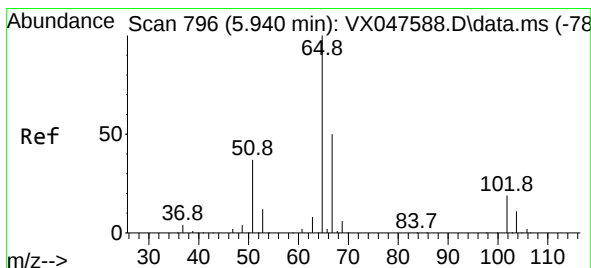
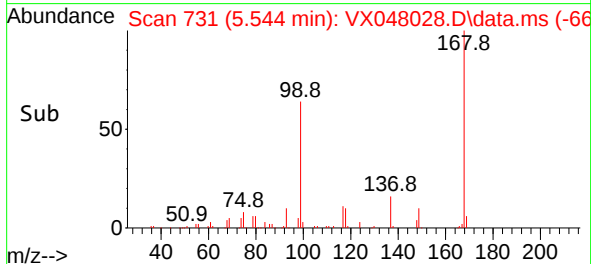
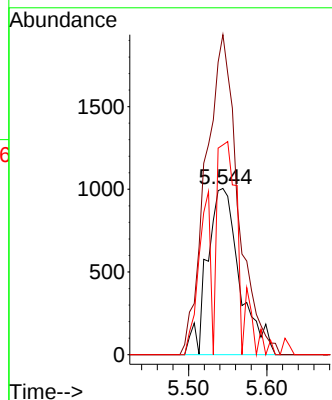
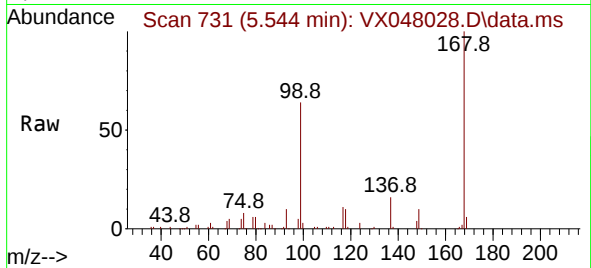




#31
Cyclohexane
Concen: 1.051 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX048028.D
Acq: 06 Oct 2025 16:33

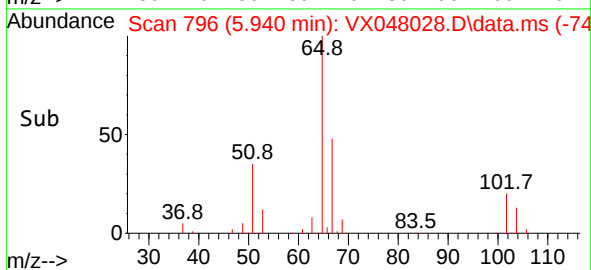
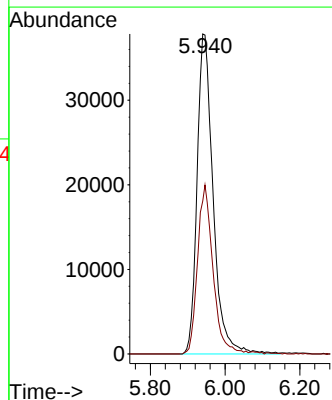
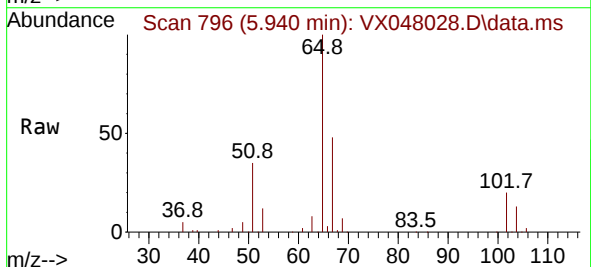
Instrument :
MSVOA_X
ClientSampleId :
SY-3DD

Tgt Ion: 56 Resp: 2895
Ion Ratio Lower Upper
56 100
69 192.5 23.8 35.8#
84 126.2 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 53.974 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048028.D
Acq: 06 Oct 2025 16:33

Tgt Ion: 65 Resp: 112558
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0

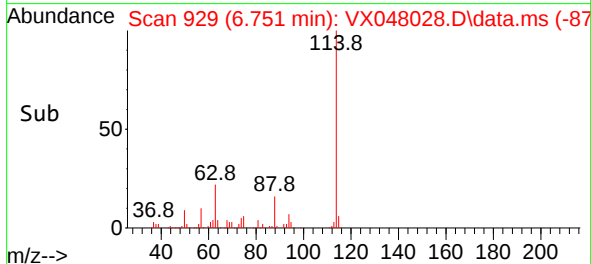
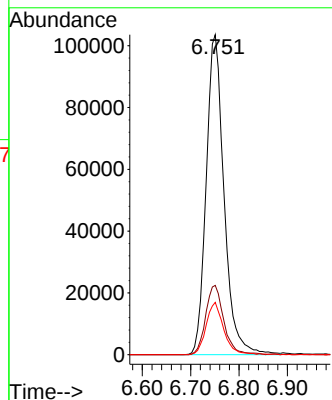
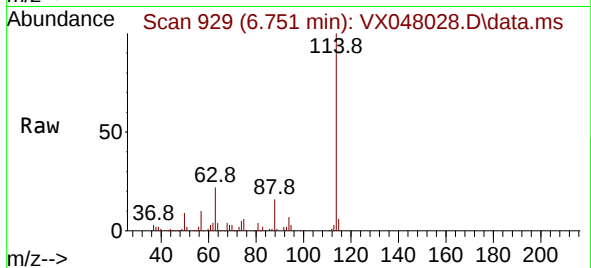




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048028.D
Acq: 06 Oct 2025 16:33

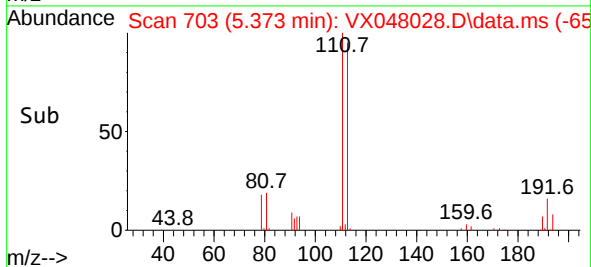
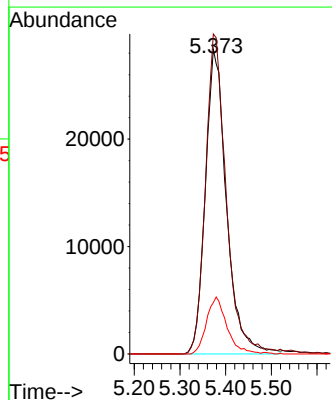
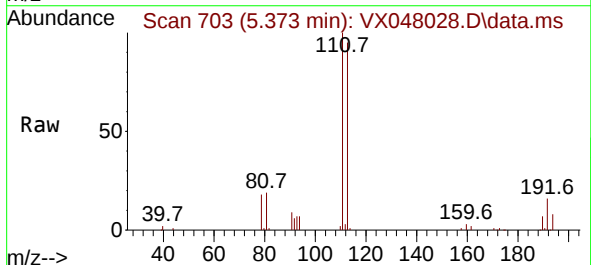
Instrument :
MSVOA_X
ClientSampleId :
SY-3DD

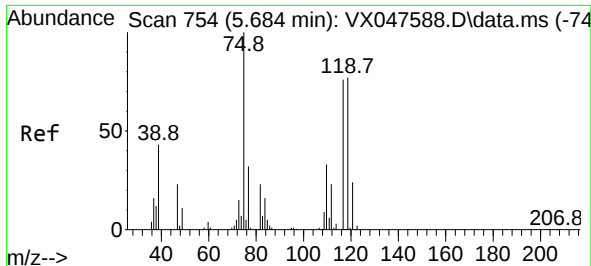
Tgt Ion:114 Resp: 265963
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.0
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.132 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048028.D
Acq: 06 Oct 2025 16:33

Tgt Ion:113 Resp: 91204
Ion Ratio Lower Upper
113 100
111 102.5 80.9 121.3
192 18.0 14.2 21.4

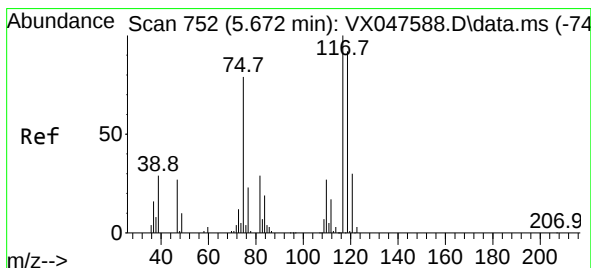
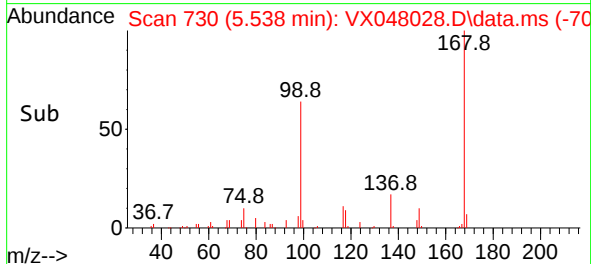
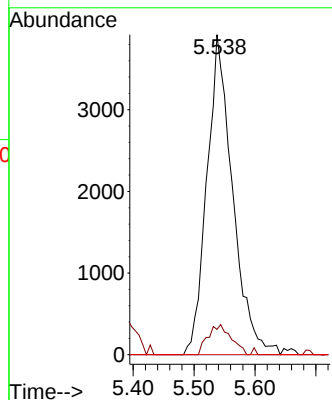
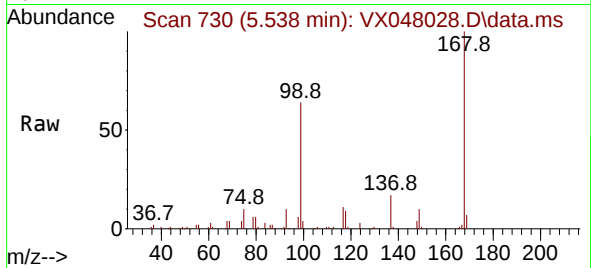




#36
1,1-Dichloropropene
Concen: 4.411 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX048028.D
Acq: 06 Oct 2025 16:33

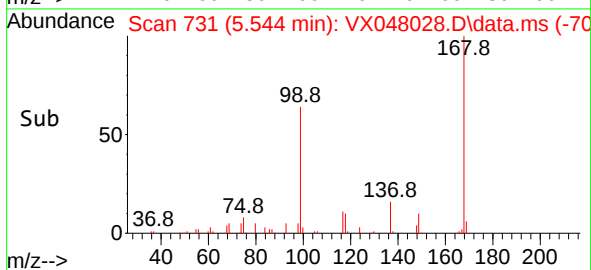
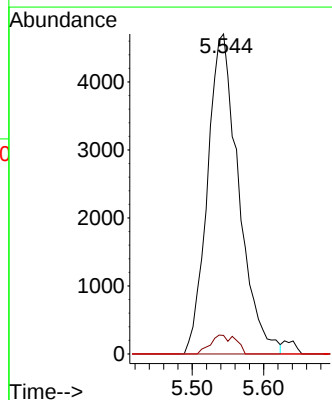
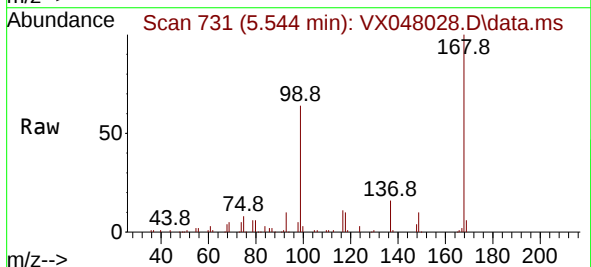
Instrument :
MSVOA_X
ClientSampleId :
SY-3DD

Tgt Ion: 75 Resp: 11498
Ion Ratio Lower Upper
75 100
110 8.4 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.044 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX048028.D
Acq: 06 Oct 2025 16:33

Tgt Ion: 117 Resp: 14283
Ion Ratio Lower Upper
117 100
119 5.8 73.4 110.2#
121 0.0 23.8 35.6#

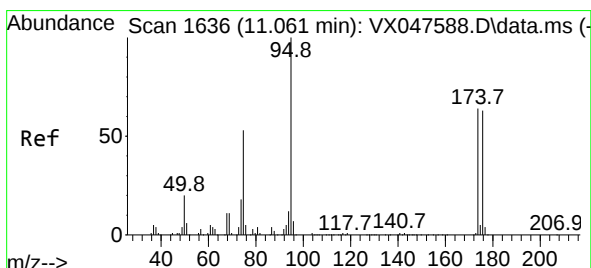
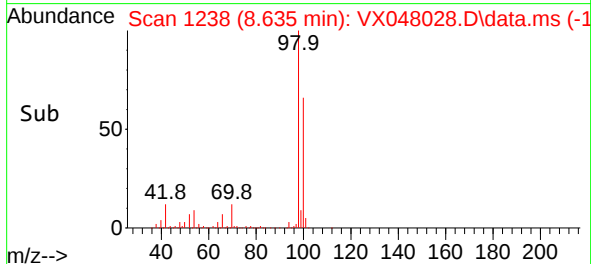
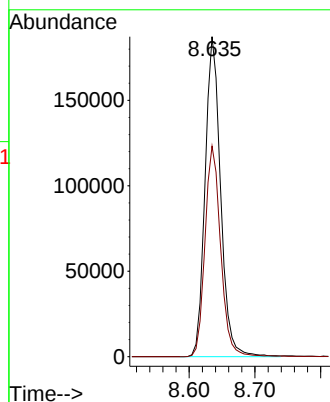
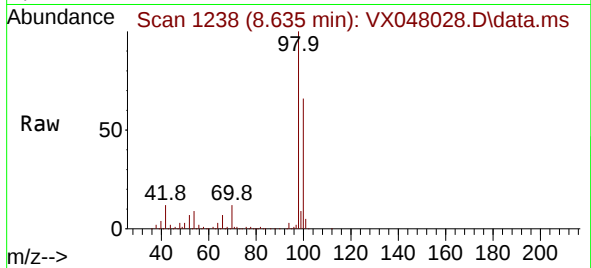




#50
Toluene-d8
Concen: 49.908 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048028.D
Acq: 06 Oct 2025 16:33

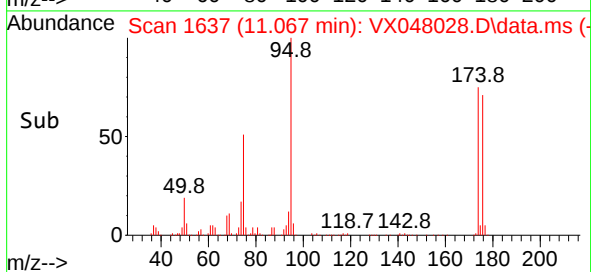
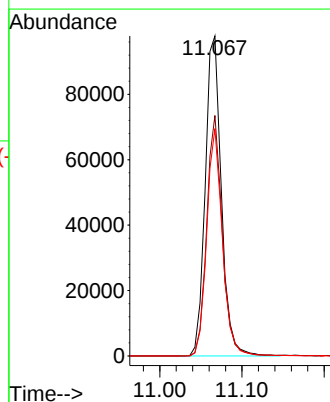
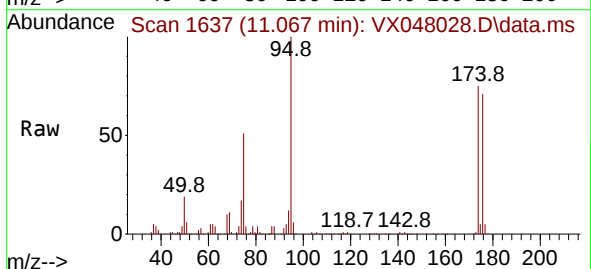
Instrument :
MSVOA_X
ClientSampleId :
SY-3DD

Tgt Ion: 98 Resp: 308031
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.895 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048028.D
Acq: 06 Oct 2025 16:33

Tgt Ion: 95 Resp: 133269
Ion Ratio Lower Upper
95 100
174 72.8 0.0 141.6
176 69.1 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048028.D

Acq: 06 Oct 2025 16:33

Instrument :

MSVOA_X

ClientSampleId :

SY-3DD

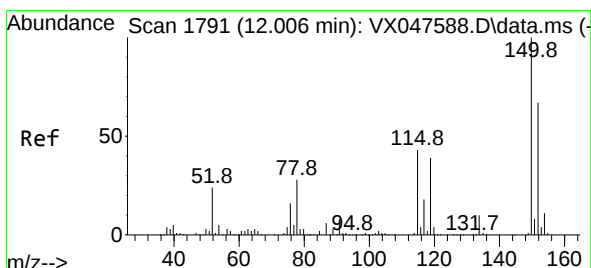
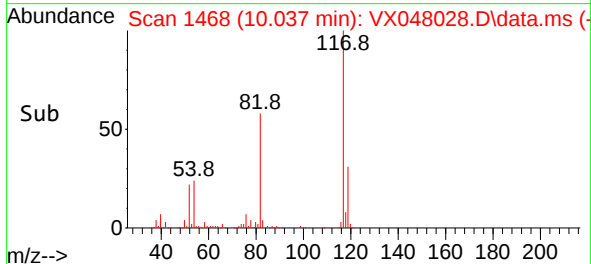
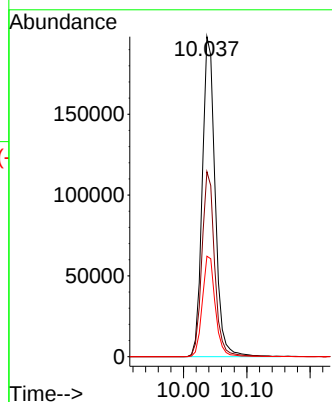
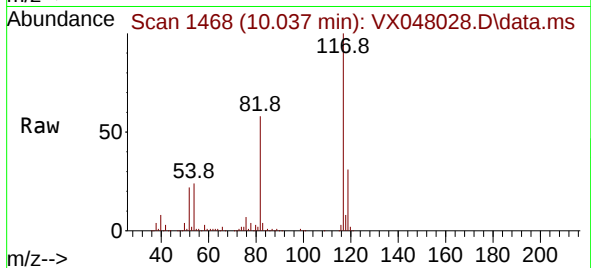
Tgt Ion:117 Resp: 280445

Ion Ratio Lower Upper

117 100

82 57.8 47.8 71.6

119 31.4 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048028.D

Acq: 06 Oct 2025 16:33

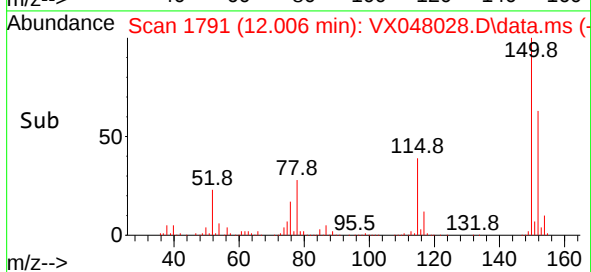
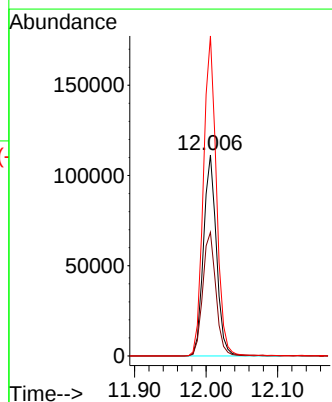
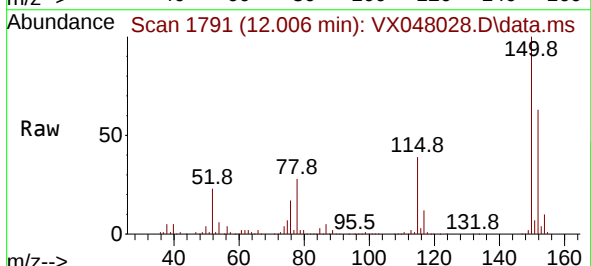
Tgt Ion:152 Resp: 140531

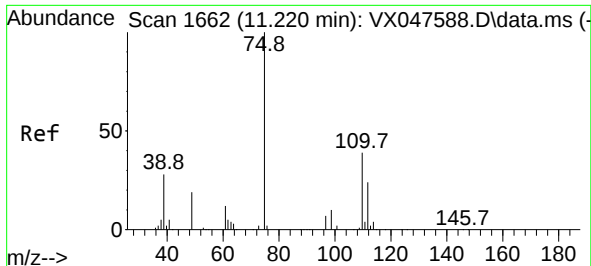
Ion Ratio Lower Upper

152 100

115 62.4 44.9 134.5

150 159.9 0.0 352.0

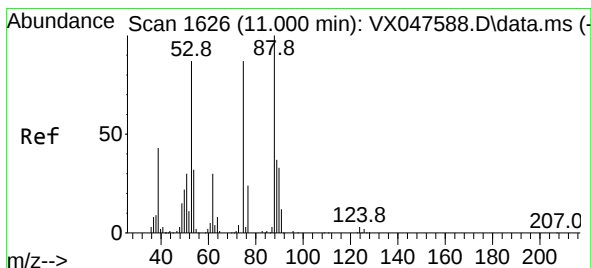
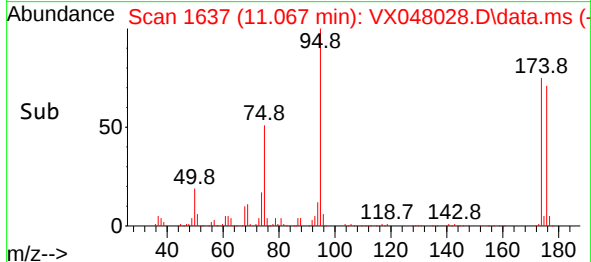
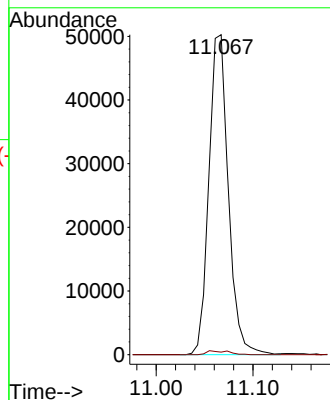
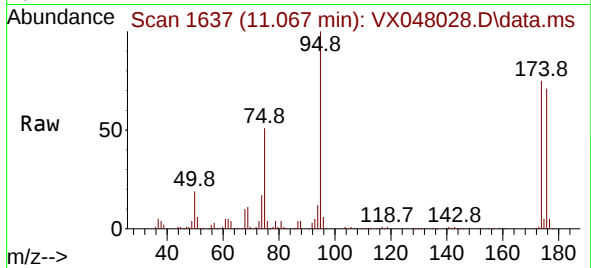




#76
1,2,3-Trichloropropane
Concen: 24.758 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. -0.152 min
Lab File: VX048028.D
Acq: 06 Oct 2025 16:33

Instrument :
MSVOA_X
ClientSampleId :
SY-3DD

Tgt Ion: 75 Resp: 70445
Ion Ratio Lower Upper
75 100
77 1.4 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.137 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.067 min
Lab File: VX048028.D
Acq: 06 Oct 2025 16:33

Tgt Ion: 75 Resp: 70445
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

