

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
 Data File : VX048627.D
 Acq On : 20 Nov 2025 11:24
 Operator : JC/MD
 Sample : Q3652-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Quant Time: Nov 20 11:42:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

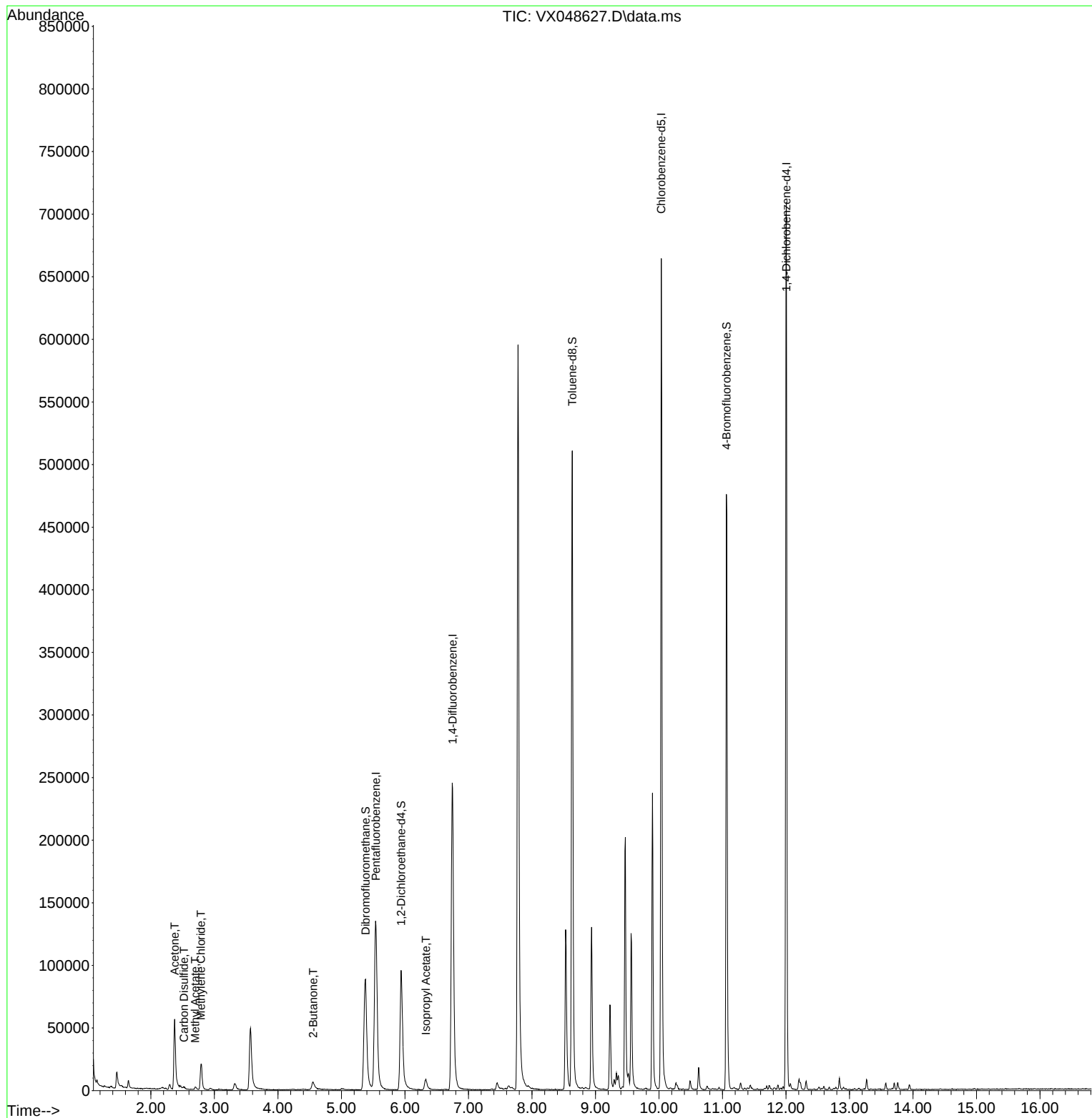
Internal Standards						
1) Pentafluorobenzene	5.544	168	141582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	274881	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	301453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	157279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	103238	52.330	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.660%
35) Dibromofluoromethane	5.379	113	87414	42.016	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.040%
50) Toluene-d8	8.635	98	317797	48.977	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.960%
62) 4-Bromofluorobenzene	11.061	95	137048	56.676	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.360%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	71441	76.502	ug/l	97
17) Carbon Disulfide	2.520	76	1408	0.304	ug/l	99
18) Methyl Acetate	2.697	43	2910	1.134	ug/l	95
20) Methylene Chloride	2.788	84	10951	5.704	ug/l	98
25) 2-Butanone	4.556	43	12288	8.895	ug/l #	89
43) Isopropyl Acetate	6.330	43	13748	2.494	ug/l	96

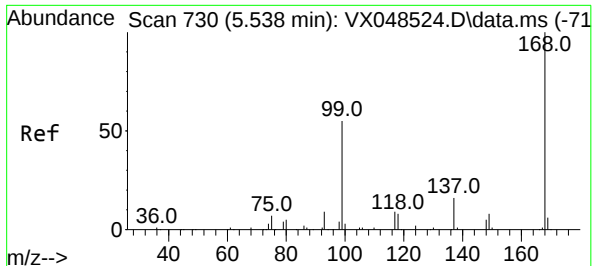
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-1

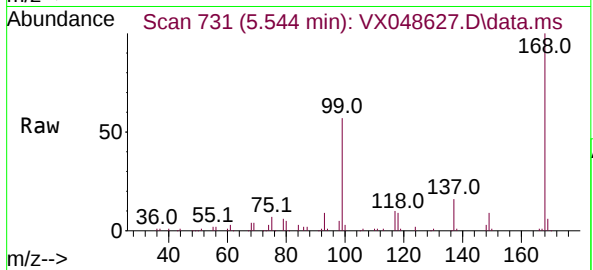
Quant Time: Nov 20 11:42:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
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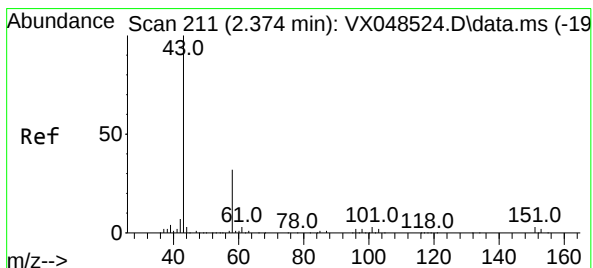
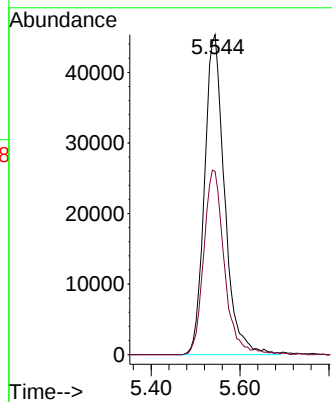
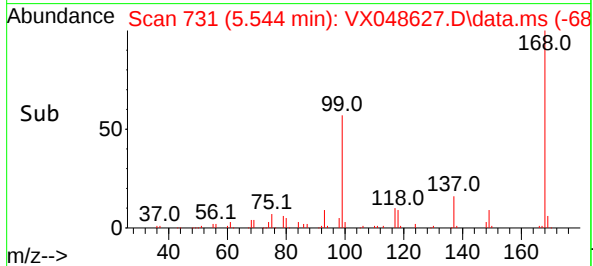


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048627.D
Acq: 20 Nov 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
TP-1

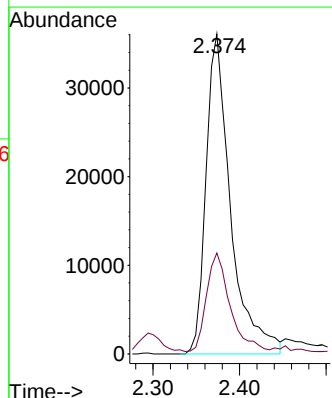
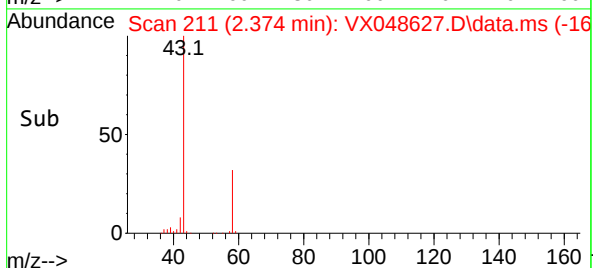
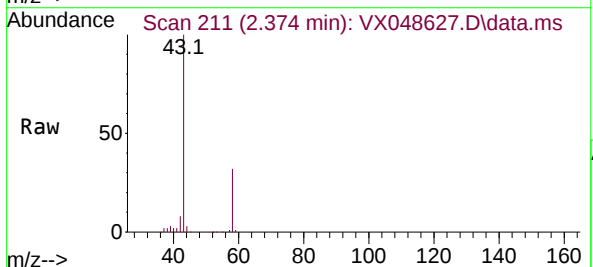


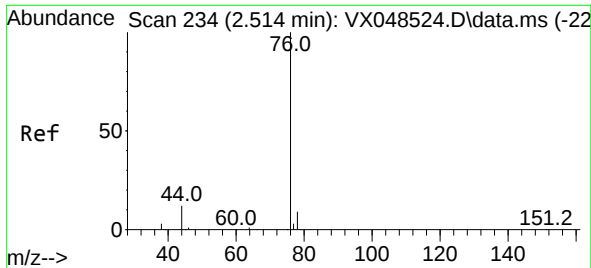
Tgt Ion:168 Resp: 141582
Ion Ratio Lower Upper
168 100
99 57.3 45.2 67.8



#16
Acetone
Concen: 76.502 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048627.D
Acq: 20 Nov 2025 11:24

Tgt Ion: 43 Resp: 71441
Ion Ratio Lower Upper
43 100
58 30.3 25.8 38.6

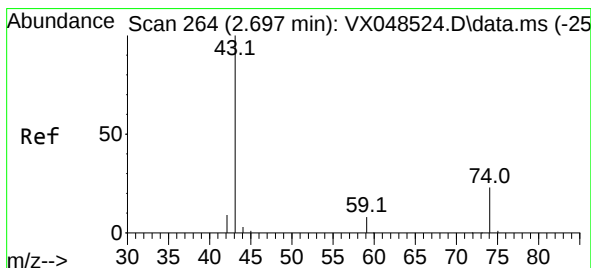
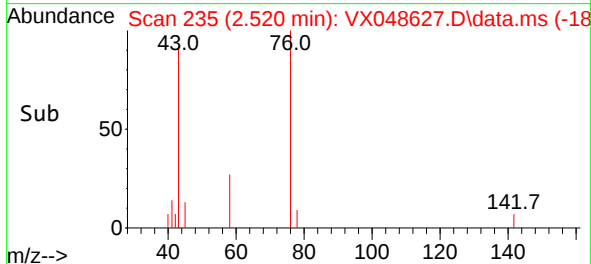
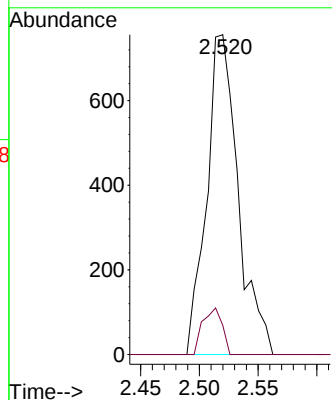
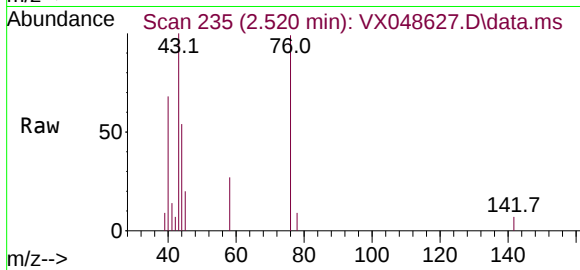




#17
Carbon Disulfide
Concen: 0.304 ug/l
RT: 2.520 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX048627.D
Acq: 20 Nov 2025 11:24

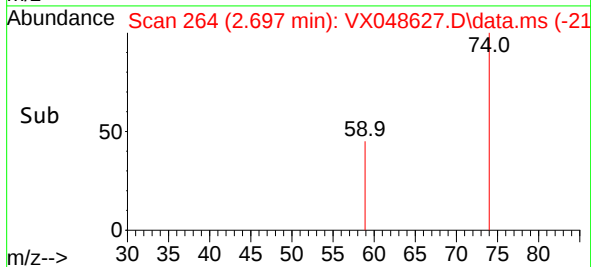
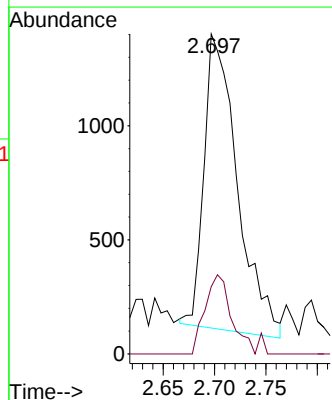
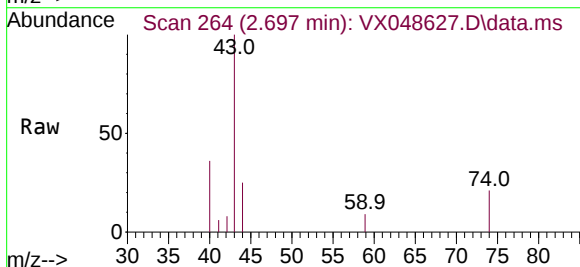
Instrument :
MSVOA_X
ClientSampleId :
TP-1

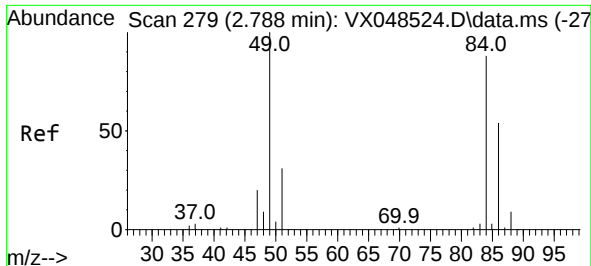
Tgt Ion: 76 Resp: 1408
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 1.134 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048627.D
Acq: 20 Nov 2025 11:24

Tgt Ion: 43 Resp: 2910
Ion Ratio Lower Upper
43 100
74 21.2 19.1 28.7

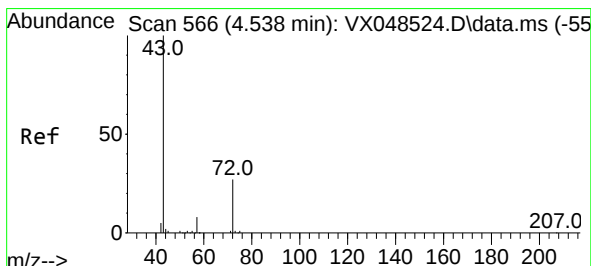
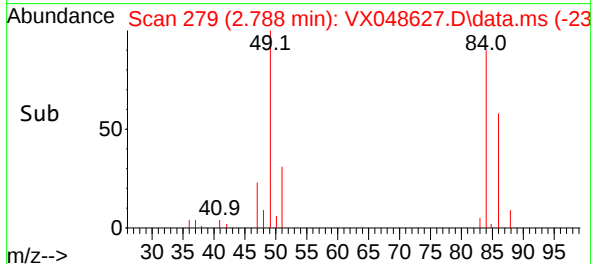
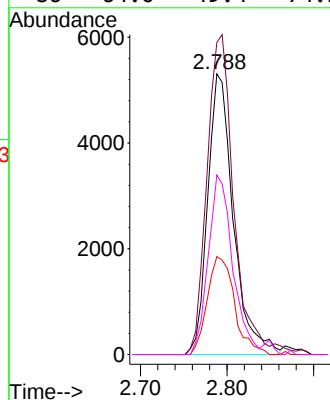
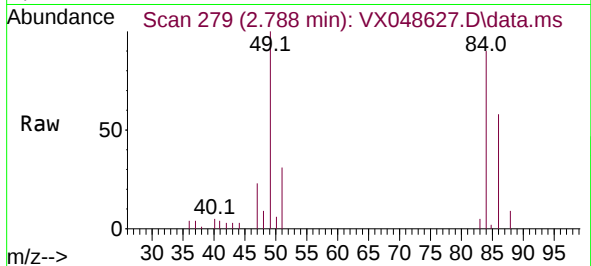




#20
Methylene Chloride
Concen: 5.704 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048627.D
Acq: 20 Nov 2025 11:24

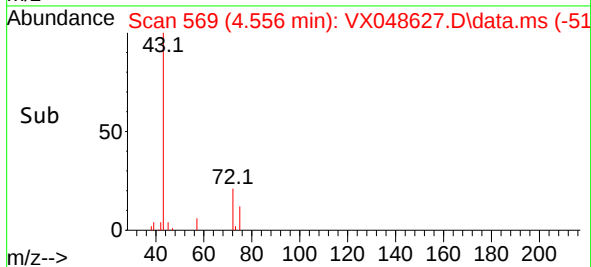
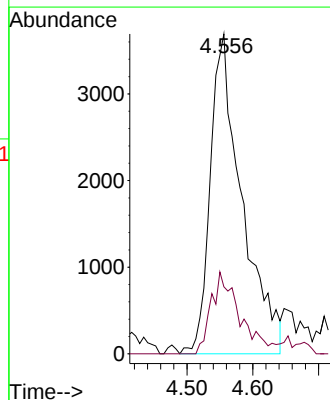
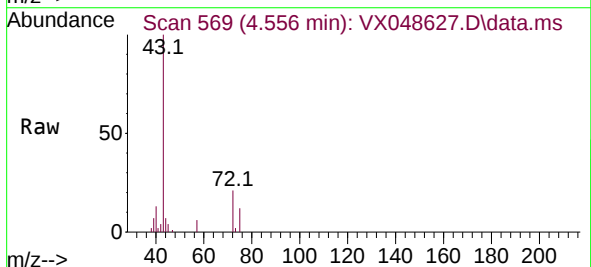
Instrument :
MSVOA_X
ClientSampleId :
TP-1

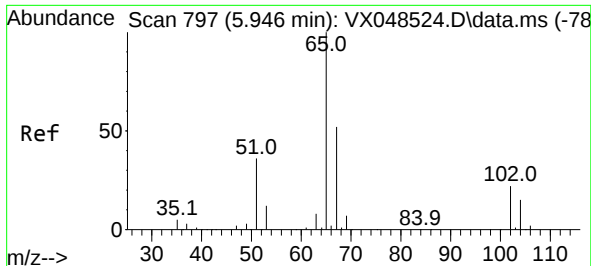
Tgt Ion:	84	Resp:	10951
Ion	Ratio	Lower	Upper
84	100		
49	111.2	91.2	136.8
51	34.9	28.3	42.5
86	64.0	49.4	74.2



#25
2-Butanone
Concen: 8.895 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.018 min
Lab File: VX048627.D
Acq: 20 Nov 2025 11:24

Tgt Ion:	43	Resp:	12288
Ion	Ratio	Lower	Upper
43	100		
72	21.0	21.5	32.3#





#33

1,2-Dichloroethane-d4

Concen: 52.330 ug/l

RT: 5.940 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX048627.D

Acq: 20 Nov 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

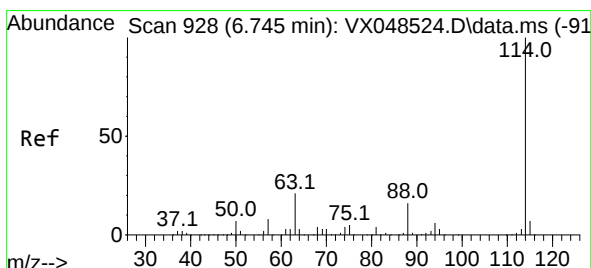
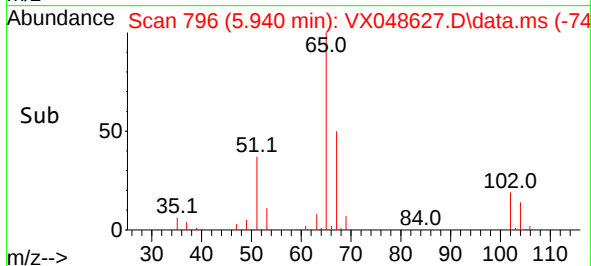
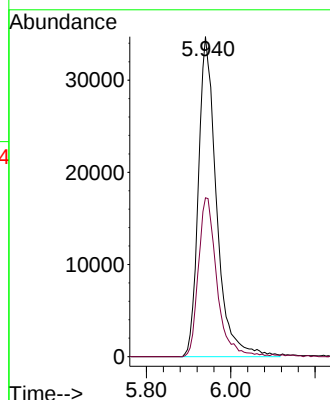
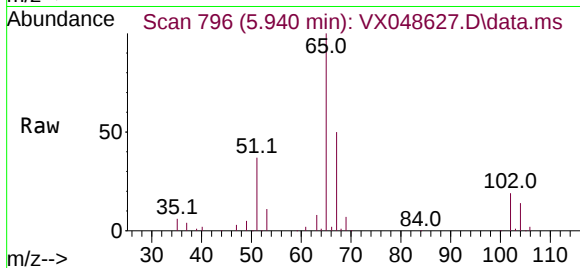
TP-1

Tgt Ion: 65 Resp: 103238

Ion Ratio Lower Upper

65 100

67 50.6 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048627.D

Acq: 20 Nov 2025 11:24

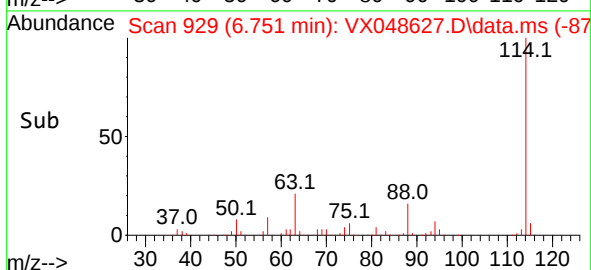
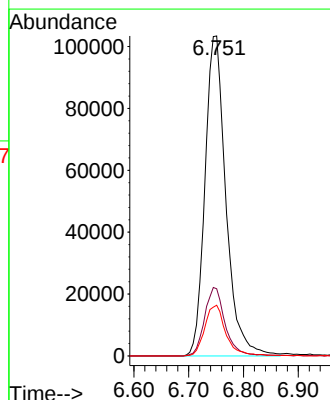
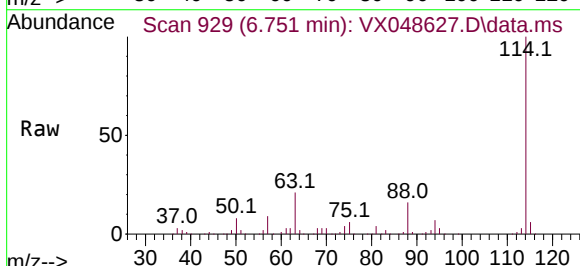
Tgt Ion: 114 Resp: 274881

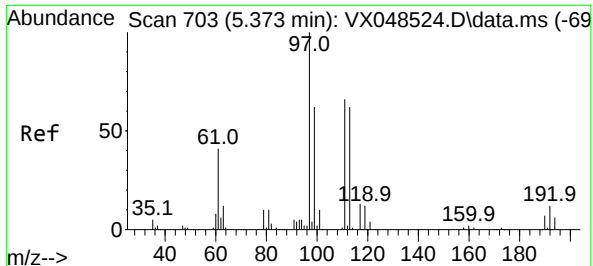
Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.2

88 15.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 42.016 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX048627.D

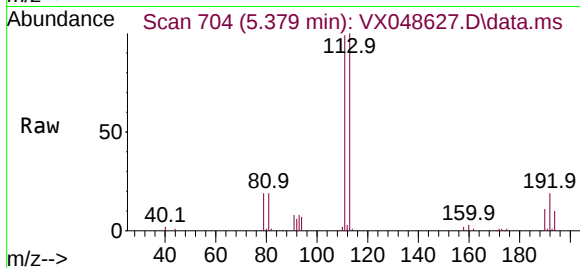
Acq: 20 Nov 2025 11:24

Instrument :

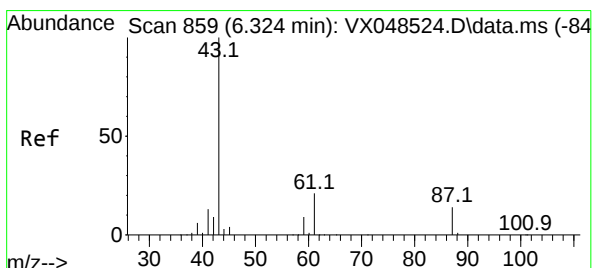
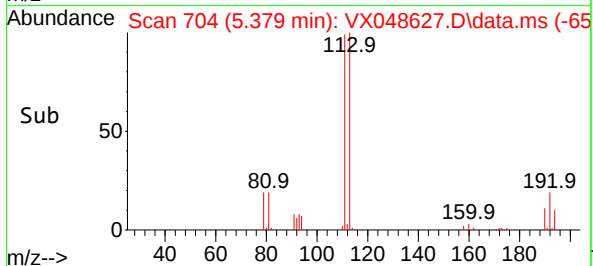
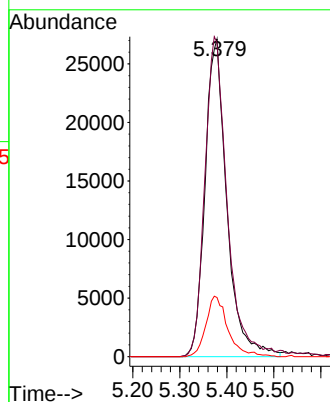
MSVOA_X

ClientSampleId :

TP-1



Tgt Ion:	113	Resp:	87414
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	19.2	15.8	23.6



#43

Isopropyl Acetate

Concen: 2.494 ug/l

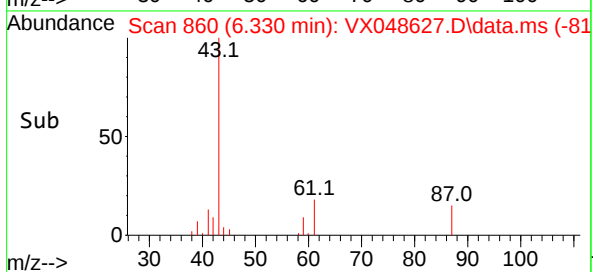
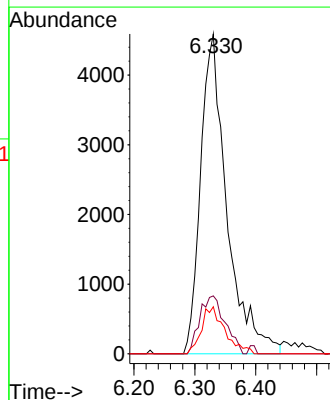
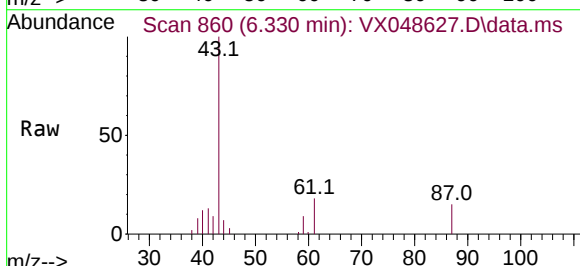
RT: 6.330 min Scan# 860

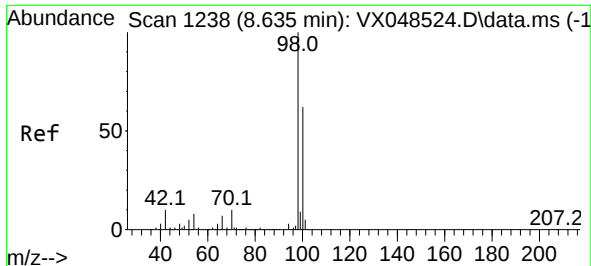
Delta R.T. 0.006 min

Lab File: VX048627.D

Acq: 20 Nov 2025 11:24

Tgt Ion:	43	Resp:	13748
Ion	Ratio	Lower	Upper
43	100		
61	17.5	16.2	24.4
87	13.1	10.9	16.3

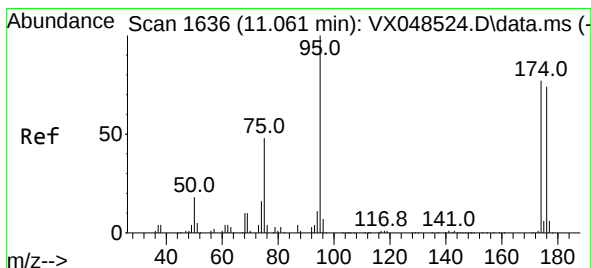
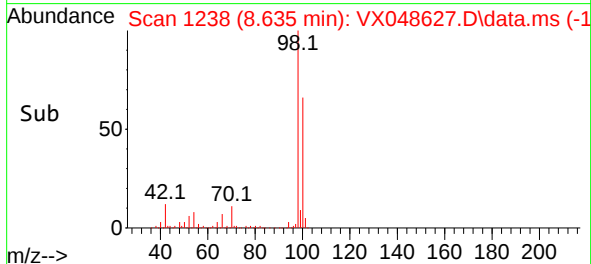
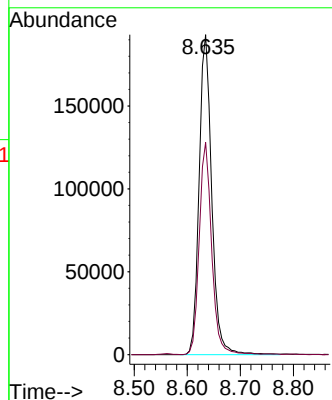
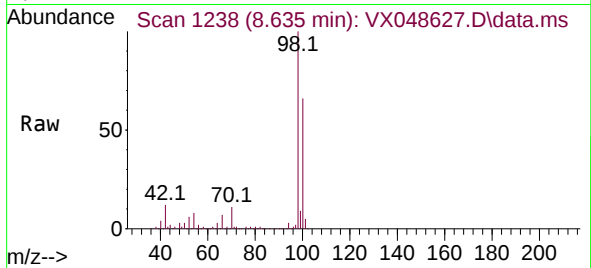




#50
Toluene-d8
Concen: 48.977 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048627.D
Acq: 20 Nov 2025 11:24

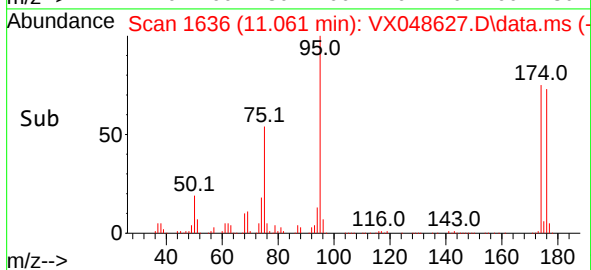
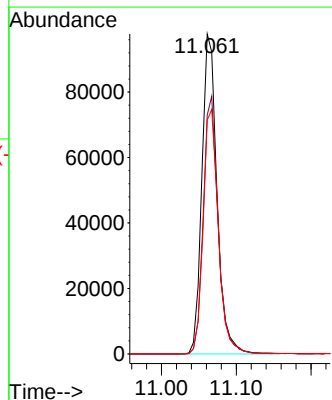
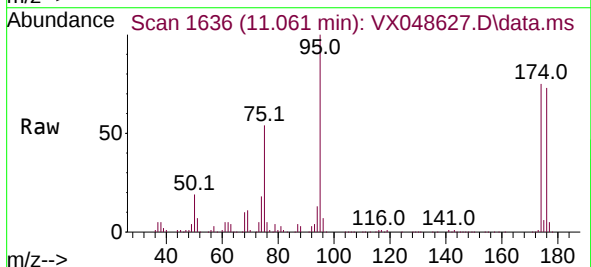
Instrument :
MSVOA_X
ClientSampleId :
TP-1

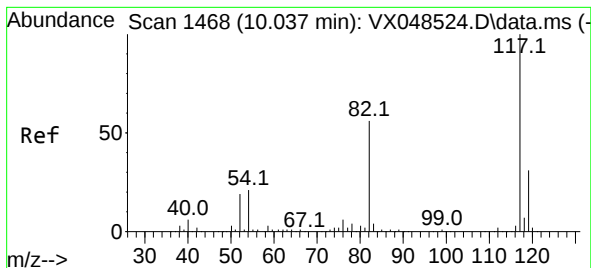
Tgt Ion: 98 Resp: 317797
Ion Ratio Lower Upper
98 100
100 65.4 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 56.676 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048627.D
Acq: 20 Nov 2025 11:24

Tgt Ion: 95 Resp: 137048
Ion Ratio Lower Upper
95 100
174 79.4 0.0 161.8
176 76.8 0.0 153.6

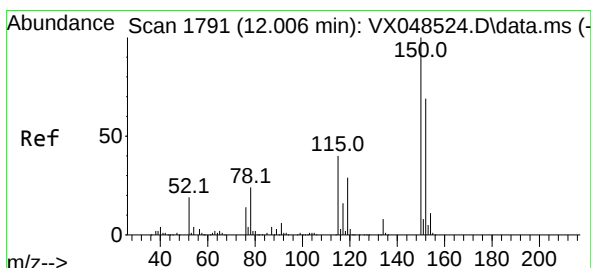
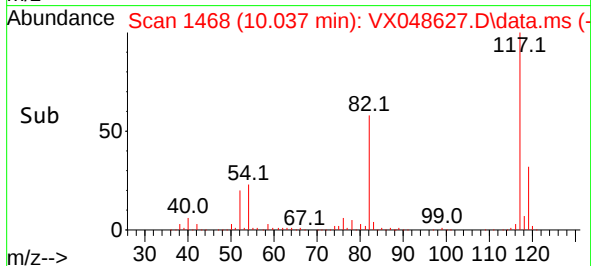
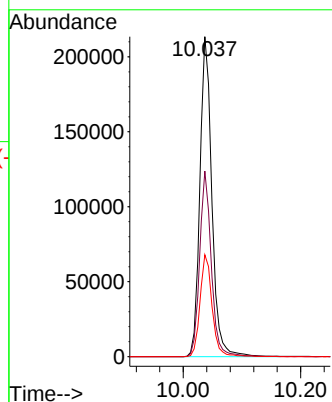
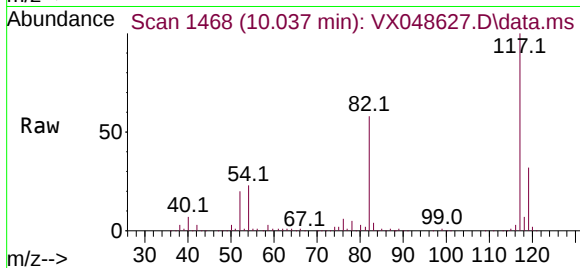




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048627.D
Acq: 20 Nov 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 301453
Ion Ratio Lower Upper
117 100
82 58.0 44.4 66.6
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048627.D
Acq: 20 Nov 2025 11:24

Tgt Ion:152 Resp: 157279
Ion Ratio Lower Upper
152 100
115 59.0 39.2 117.6
150 156.5 0.0 347.0

