

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
 Data File : VX048863.D
 Acq On : 12 Dec 2025 18:14
 Operator : JC/MD
 Sample : Q3826-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2

Quant Time: Dec 12 22:17:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

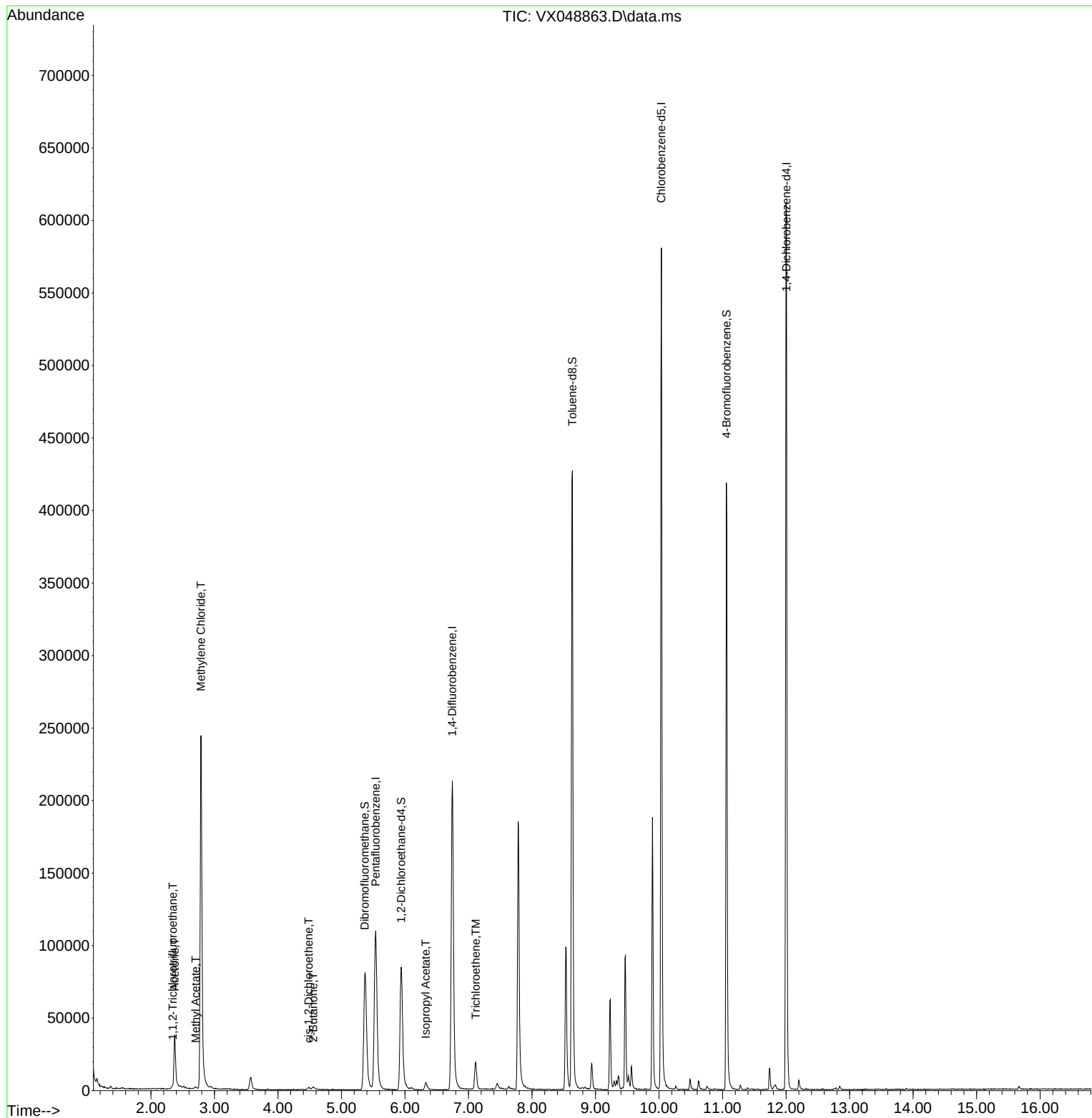
Internal Standards						
1) Pentafluorobenzene	5.537	168	112139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	235902	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	269420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	92811	61.664	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 123.320%#	
35) Dibromofluoromethane	5.367	113	80292	49.432	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.860%	
50) Toluene-d8	8.634	98	276756	48.608	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.220%	
62) 4-Bromofluorobenzene	11.061	95	120272	61.259	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 122.520%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.343	101	1226	0.961	ug/l	94
16) Acetone	2.373	43	51245	88.938	ug/l	97
18) Methyl Acetate	2.703	43	2035	1.255	ug/l #	86
20) Methylene Chloride	2.788	84	118410	82.218	ug/l	95
25) 2-Butanone	4.556	43	4166	4.899	ug/l #	86
27) cis-1,2-Dichloroethene	4.483	96	1193	0.795	ug/l	60
43) Isopropyl Acetate	6.324	43	7425	1.845	ug/l	97
44) Trichloroethene	7.116	130	8230	4.783	ug/l	92

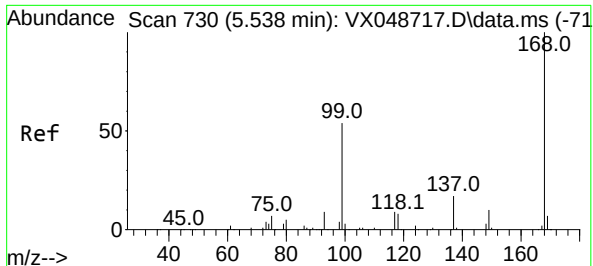
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-2

Quant Time: Dec 12 22:17:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

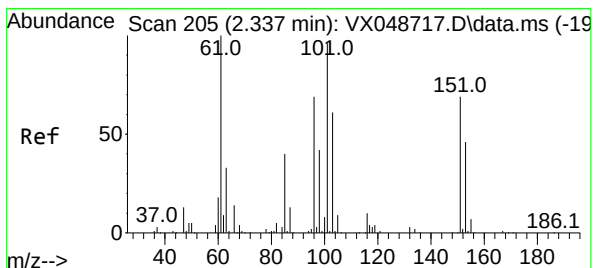
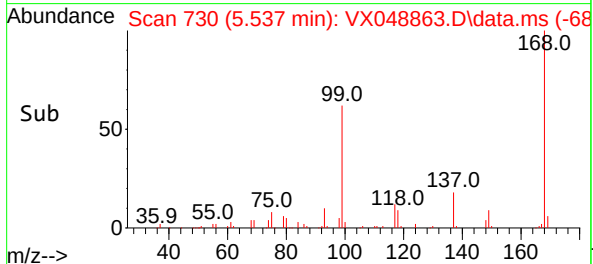
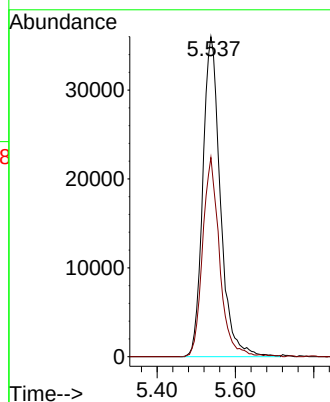
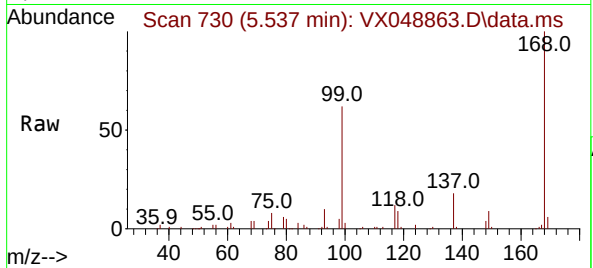




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048863.D
Acq: 12 Dec 2025 18:14

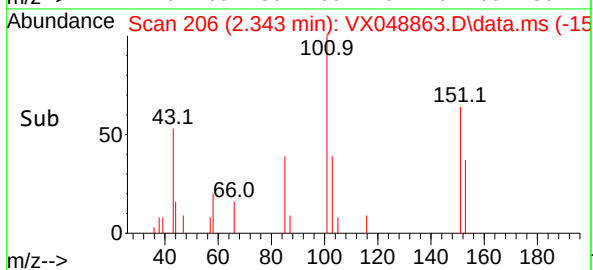
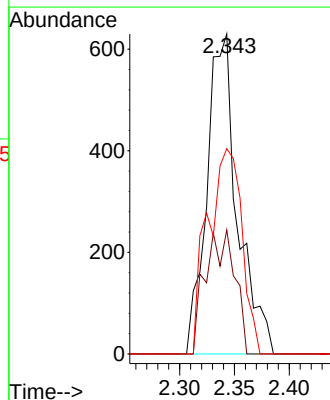
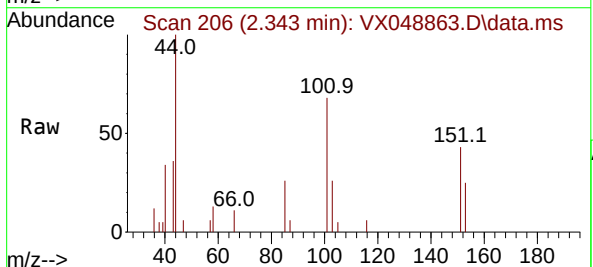
Instrument :
MSVOA_X
ClientSampleId :
TP-2

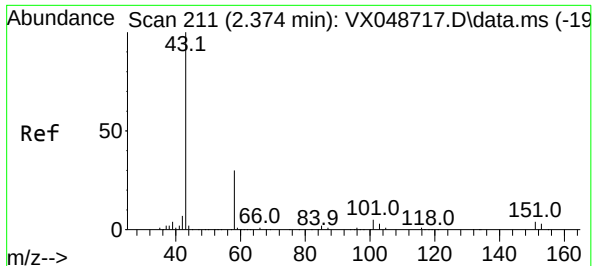
Tgt Ion:168 Resp: 112139
Ion Ratio Lower Upper
168 100
99 62.2 44.2 66.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.961 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX048863.D
Acq: 12 Dec 2025 18:14

Tgt Ion:101 Resp: 1226
Ion Ratio Lower Upper
101 100
85 37.0 34.2 51.2
151 71.5 60.2 90.4

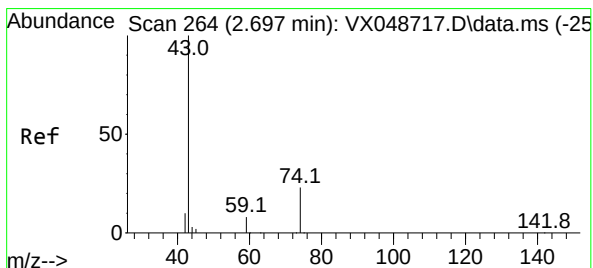
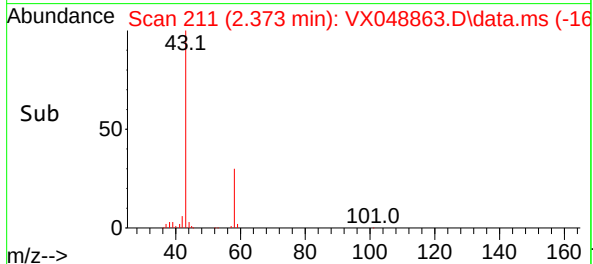
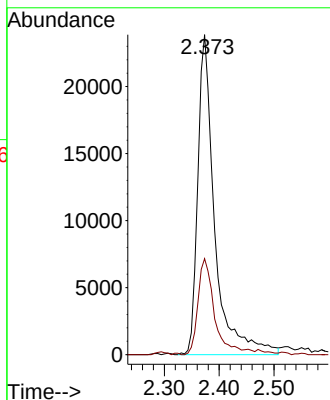
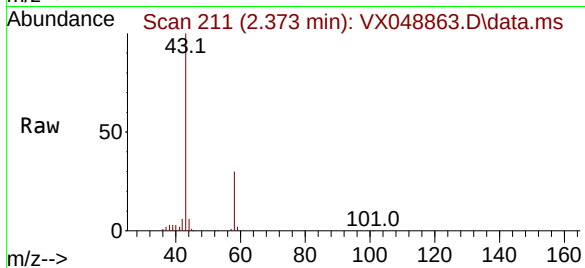




#16
Acetone
Concen: 88.938 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048863.D
Acq: 12 Dec 2025 18:14

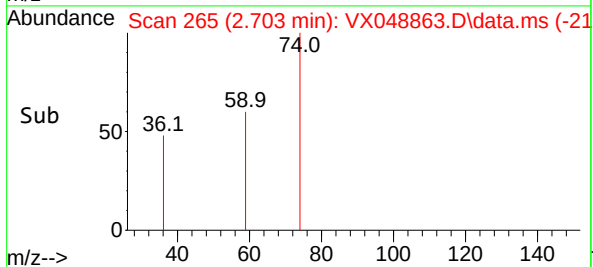
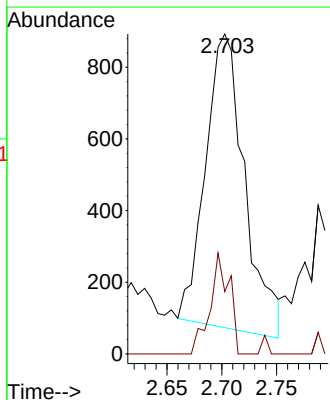
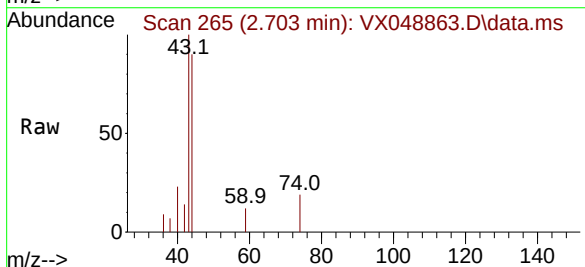
Instrument :
MSVOA_X
ClientSampleId :
TP-2

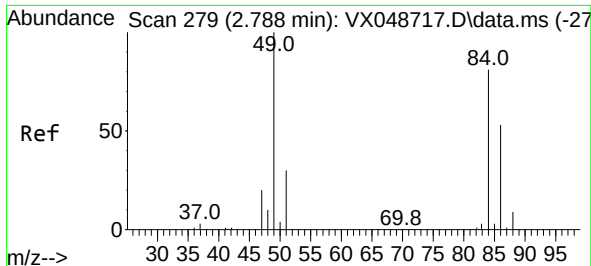
Tgt Ion: 43 Resp: 51245
Ion Ratio Lower Upper
43 100
58 29.6 25.0 37.4



#18
Methyl Acetate
Concen: 1.255 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048863.D
Acq: 12 Dec 2025 18:14

Tgt Ion: 43 Resp: 2035
Ion Ratio Lower Upper
43 100
74 16.9 19.2 28.8#





#20

Methylene Chloride

Concen: 82.218 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX048863.D

Acq: 12 Dec 2025 18:14

Instrument :

MSVOA_X

ClientSampleId :

TP-2

Tgt Ion: 84 Resp: 118410

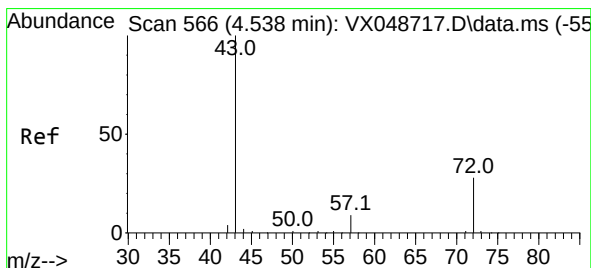
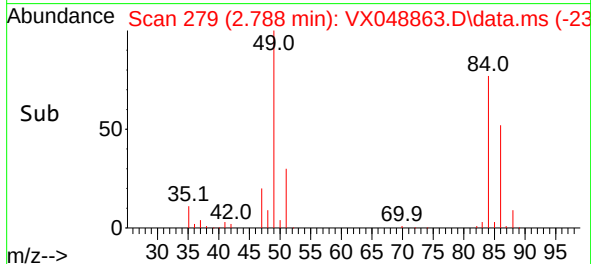
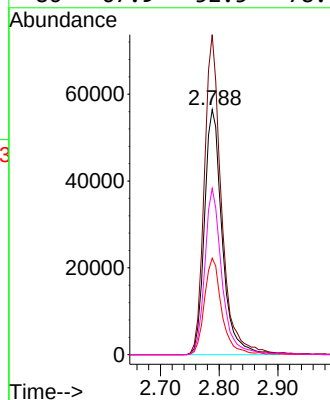
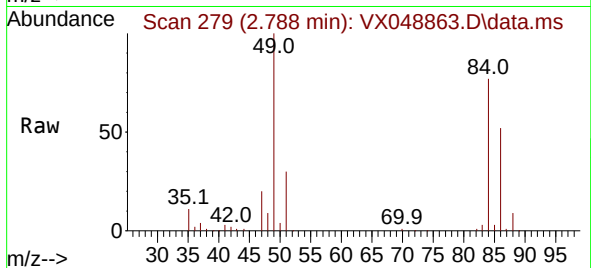
Ion Ratio Lower Upper

84 100

49 130.5 98.7 148.1

51 39.4 29.4 44.2

86 67.9 52.5 78.7



#25

2-Butanone

Concen: 4.899 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.018 min

Lab File: VX048863.D

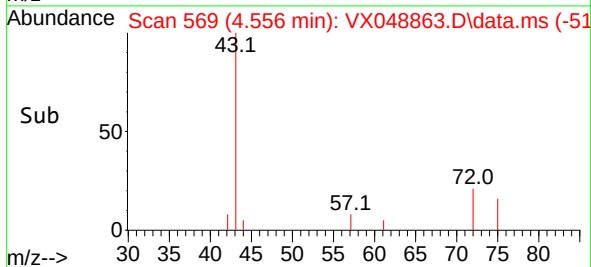
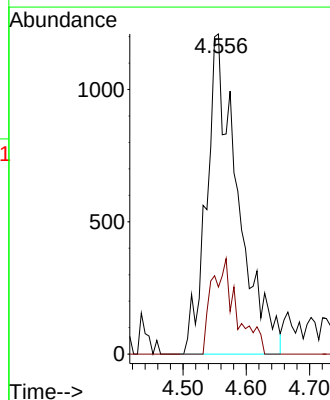
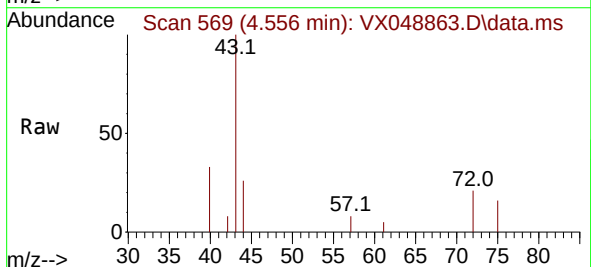
Acq: 12 Dec 2025 18:14

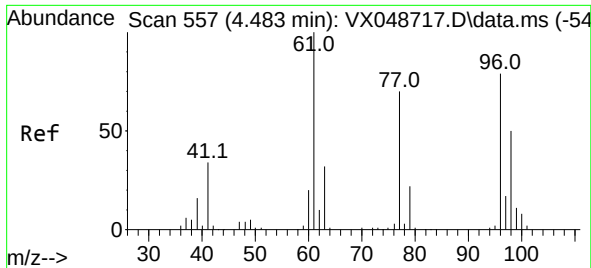
Tgt Ion: 43 Resp: 4166

Ion Ratio Lower Upper

43 100

72 20.9 22.6 34.0#

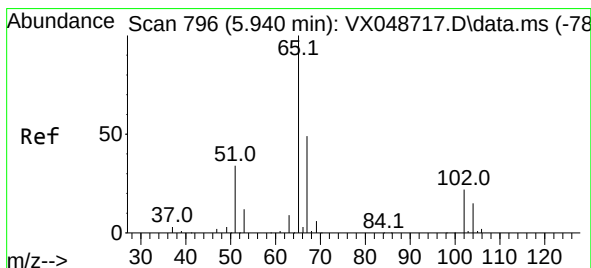
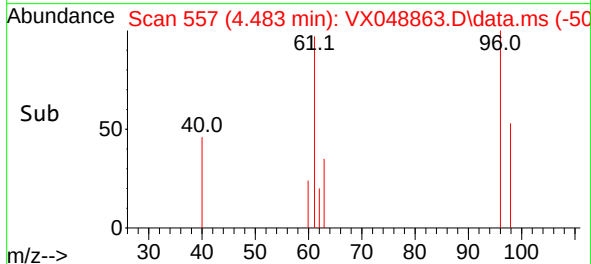
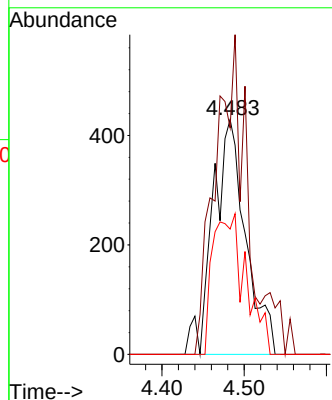
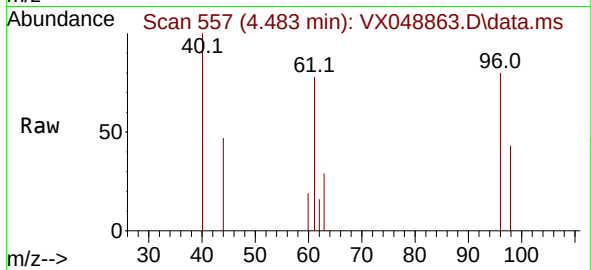




#27
cis-1,2-Dichloroethene
Concen: 0.795 ug/l
RT: 4.483 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX048863.D
Acq: 12 Dec 2025 18:14

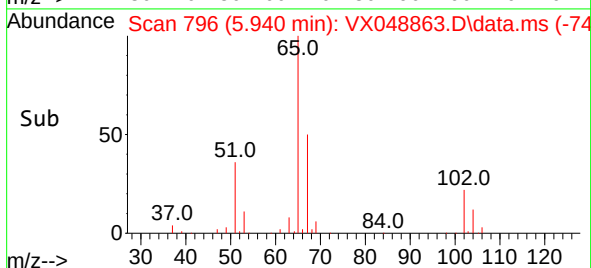
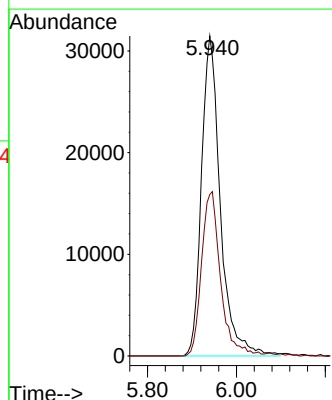
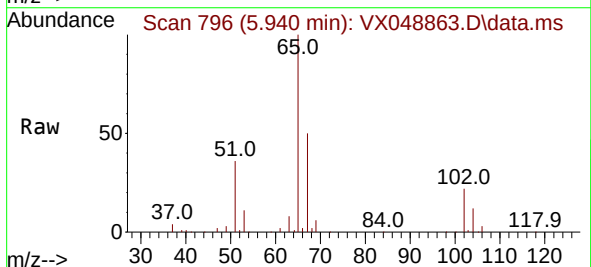
Instrument :
MSVOA_X
ClientSampleId :
TP-2

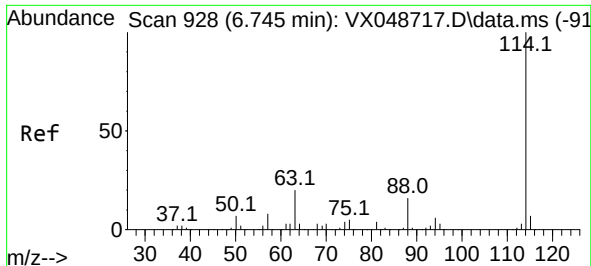
Tgt Ion: 96 Resp: 1193
Ion Ratio Lower Upper
96 100
61 68.3 0.0 271.0
98 59.8 0.0 130.2



#33
1,2-Dichloroethane-d4
Concen: 61.664 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048863.D
Acq: 12 Dec 2025 18:14

Tgt Ion: 65 Resp: 92811
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

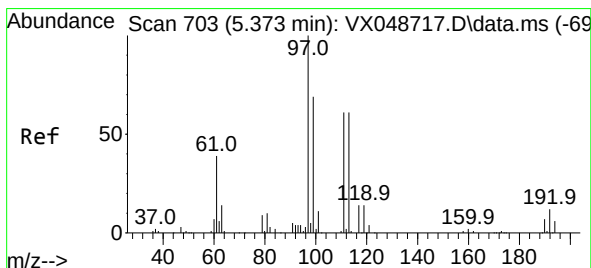
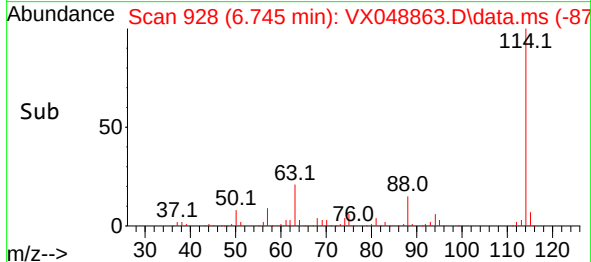
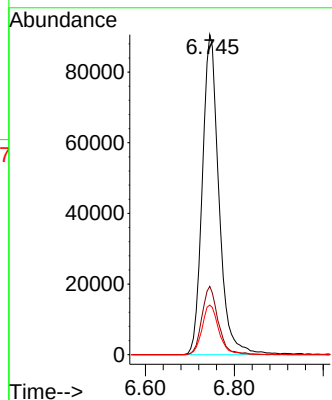
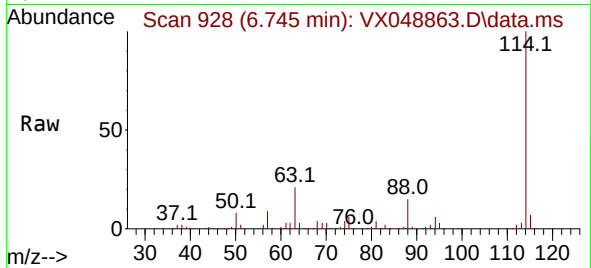




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048863.D
Acq: 12 Dec 2025 18:14

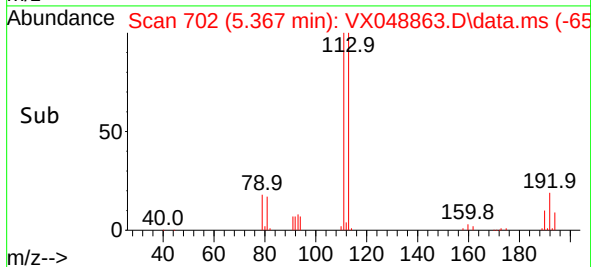
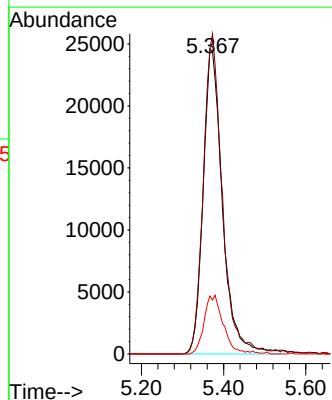
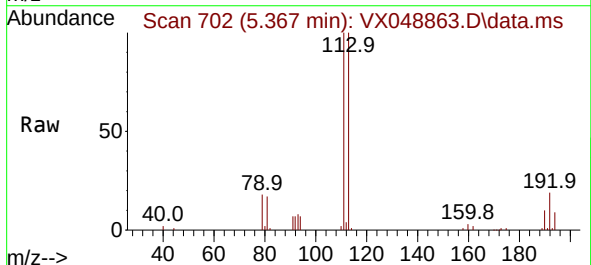
Instrument :
MSVOA_X
ClientSampleId :
TP-2

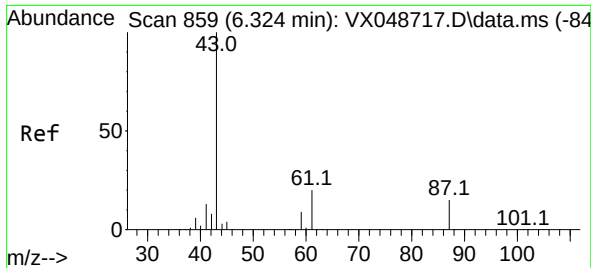
Tgt Ion:114 Resp: 235902
Ion Ratio Lower Upper
114 100
63 21.3 0.0 39.0
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.432 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048863.D
Acq: 12 Dec 2025 18:14

Tgt Ion:113 Resp: 80292
Ion Ratio Lower Upper
113 100
111 102.3 79.5 119.3
192 19.2 16.1 24.1

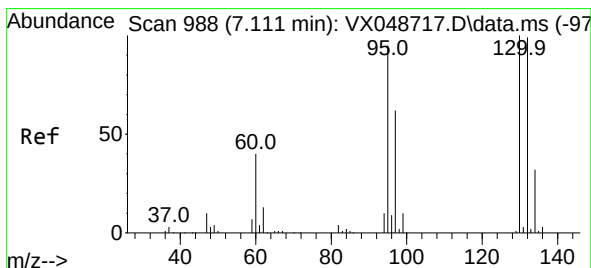
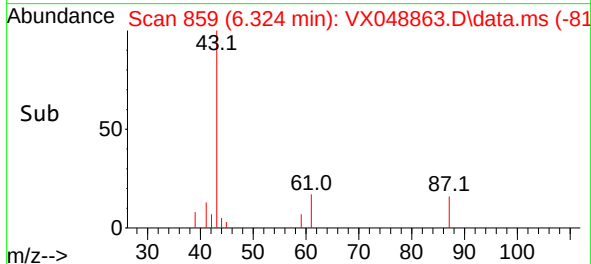
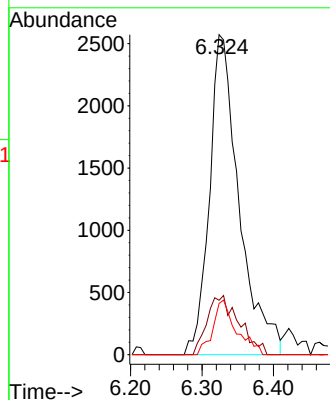
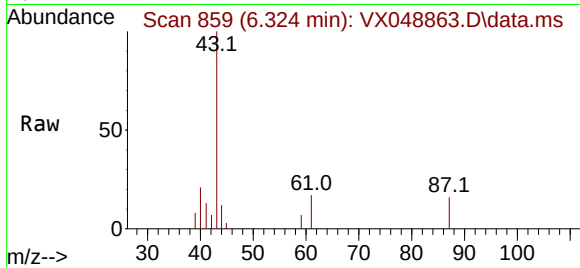




#43
Isopropyl Acetate
Concen: 1.845 ug/l
RT: 6.324 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048863.D
Acq: 12 Dec 2025 18:14

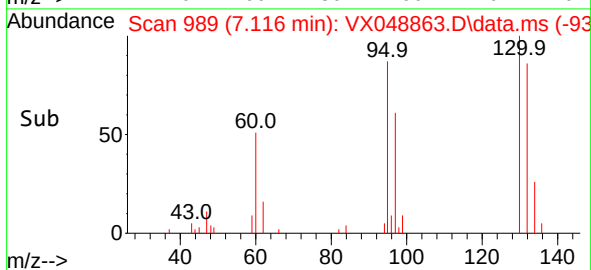
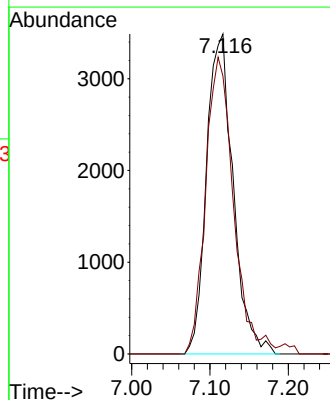
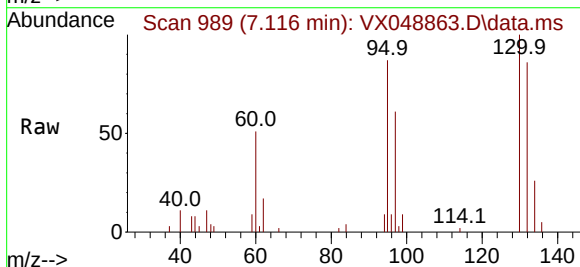
Instrument :
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ClientSampleId :
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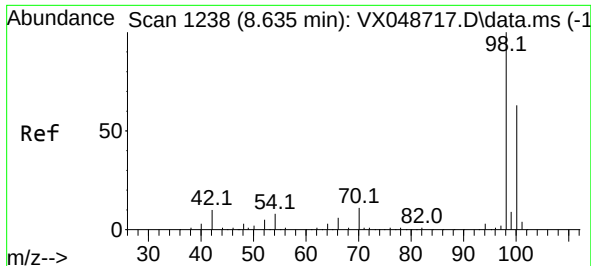
Tgt Ion:	43	Resp:	7425
Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.8	25.2
87	13.5	11.8	17.6



#44
Trichloroethene
Concen: 4.783 ug/l
RT: 7.116 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048863.D
Acq: 12 Dec 2025 18:14

Tgt Ion:	130	Resp:	8230
Ion	Ratio	Lower	Upper
130	100		
95	86.9	0.0	189.6

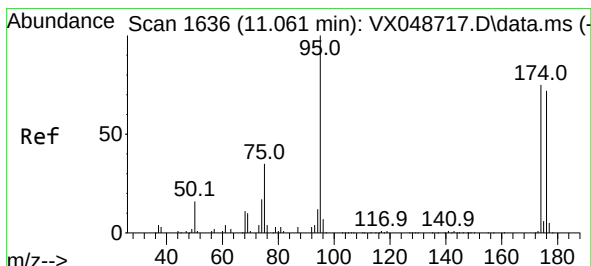
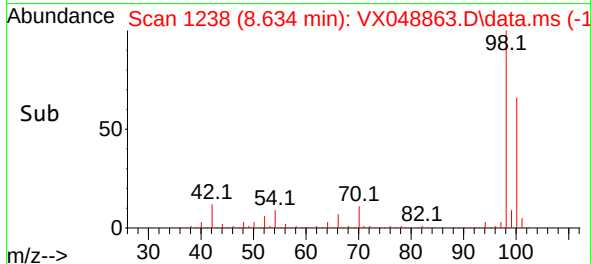
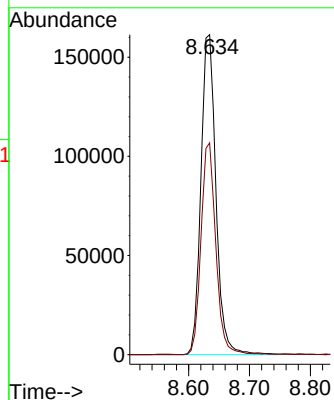
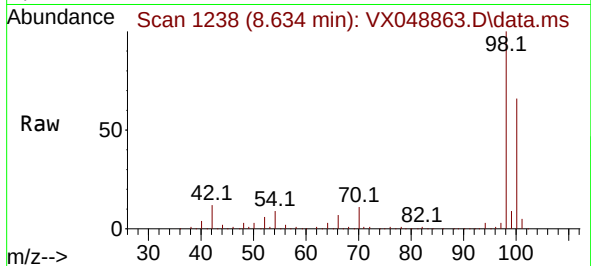




#50
Toluene-d8
Concen: 48.608 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048863.D
Acq: 12 Dec 2025 18:14

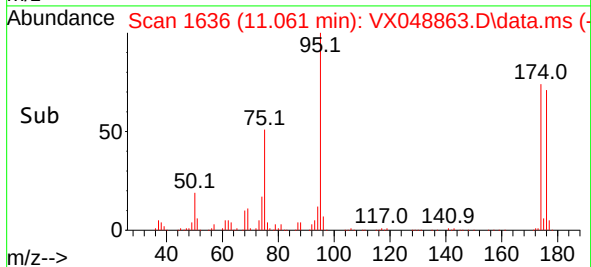
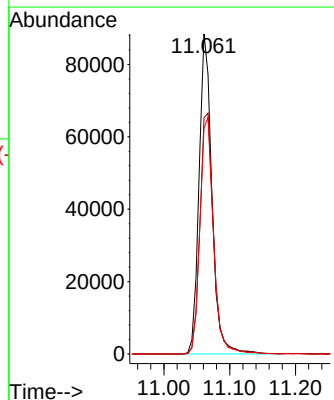
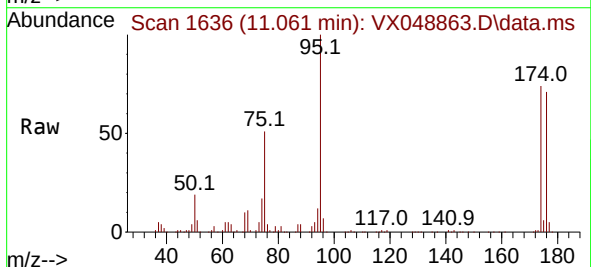
Instrument :
MSVOA_X
ClientSampleId :
TP-2

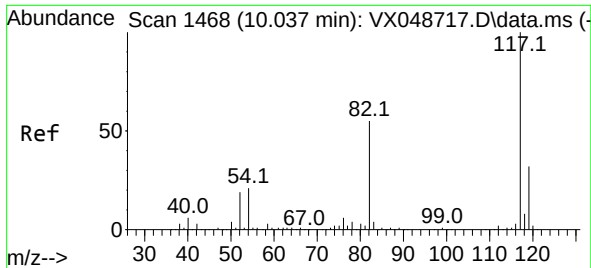
Tgt Ion: 98 Resp: 276756
Ion Ratio Lower Upper
98 100
100 65.1 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 61.259 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048863.D
Acq: 12 Dec 2025 18:14

Tgt Ion: 95 Resp: 120272
Ion Ratio Lower Upper
95 100
174 80.2 0.0 157.8
176 77.8 0.0 154.0

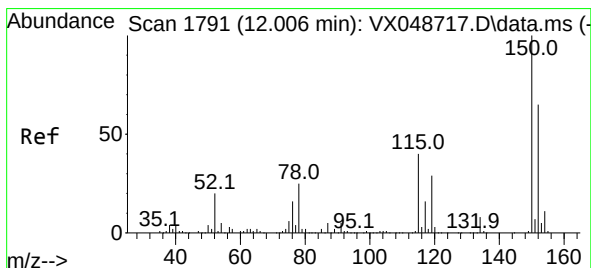
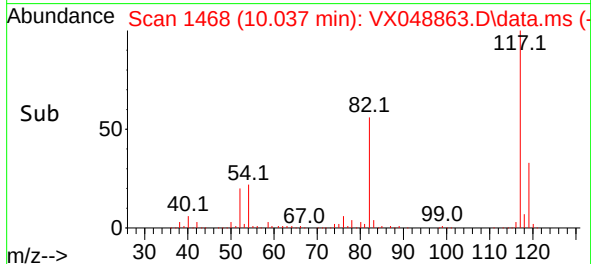
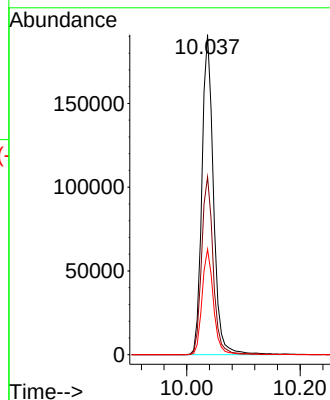
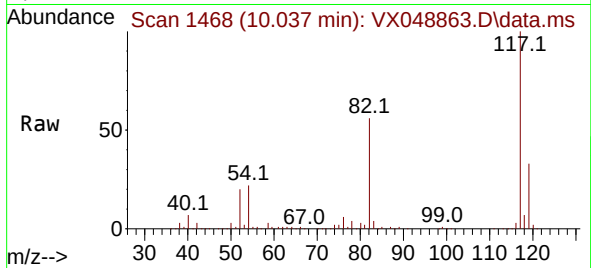




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048863.D
Acq: 12 Dec 2025 18:14

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 269420
Ion Ratio Lower Upper
117 100
82 55.5 44.1 66.1
119 33.0 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: VX048863.D
Acq: 12 Dec 2025 18:14

Tgt Ion:152 Resp: 142484
Ion Ratio Lower Upper
152 100
115 58.9 42.1 126.4
150 156.6 0.0 347.8

