

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112425\
 Data File : VX048664.D
 Acq On : 24 Nov 2025 15:27
 Operator : JC/MD
 Sample : Q3707-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 V933

Quant Time: Nov 25 17:46:28 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)

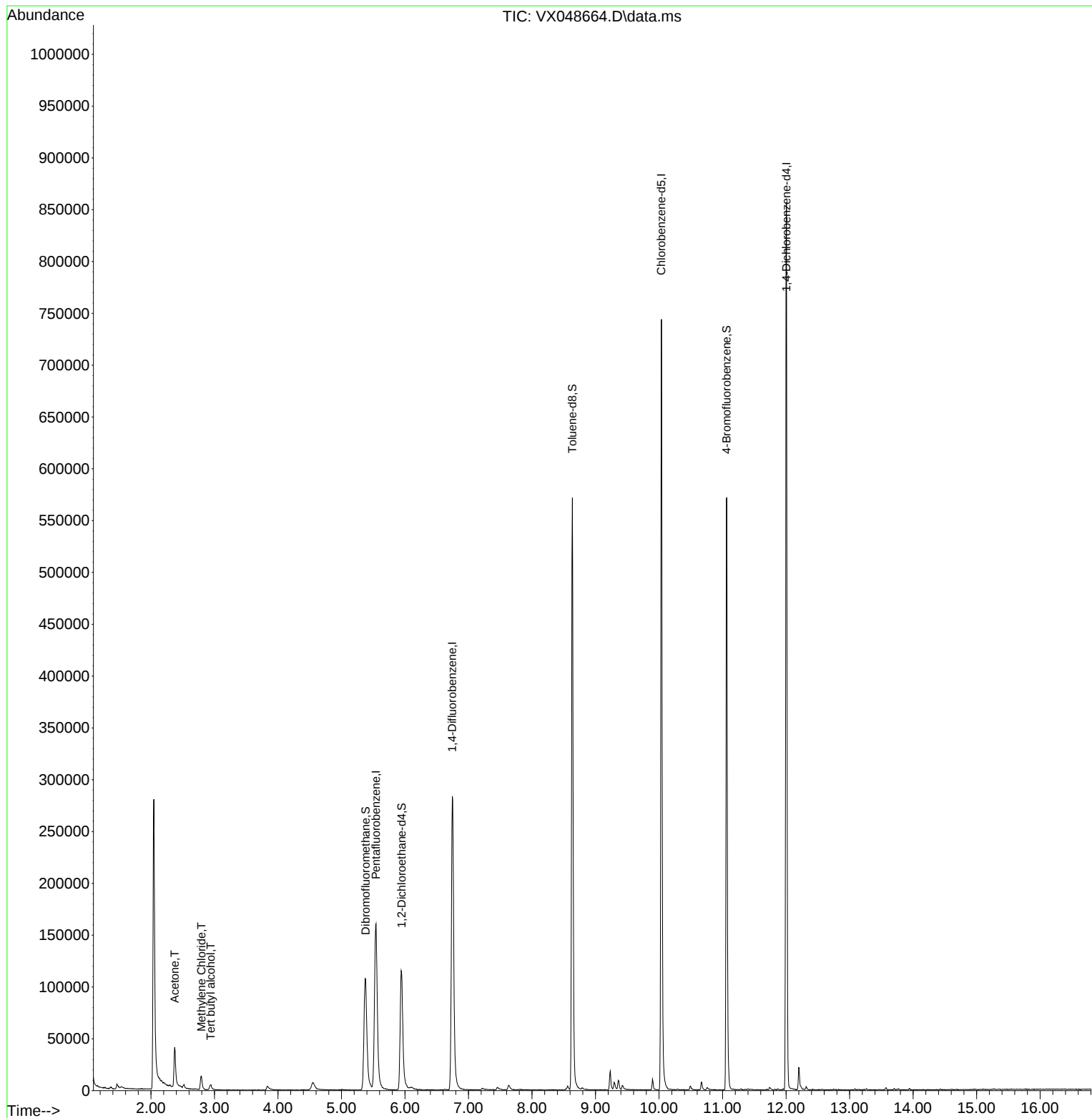
Internal Standards						
1) Pentafluorobenzene	5.544	168	177220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	315823	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	342865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	206089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	130755	52.950	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.900%
35) Dibromofluoromethane	5.379	113	112434	47.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.080%
50) Toluene-d8	8.634	98	365310	49.001	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.000%
62) 4-Bromofluorobenzene	11.061	95	170710	61.445	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.880%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.940	59	6926	14.801	ug/l	96
16) Acetone	2.373	43	51967	44.458	ug/l	96
20) Methylene Chloride	2.794	84	6470	2.692	ug/l #	86

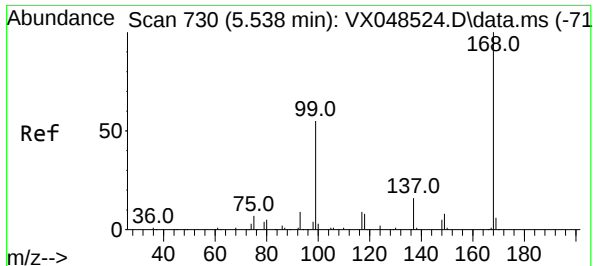
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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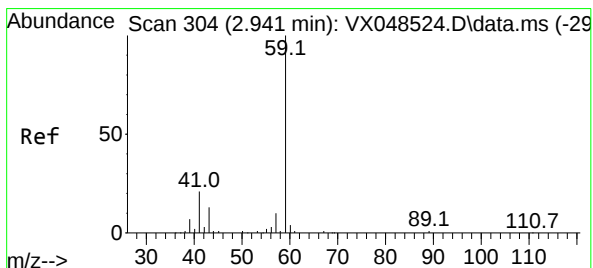
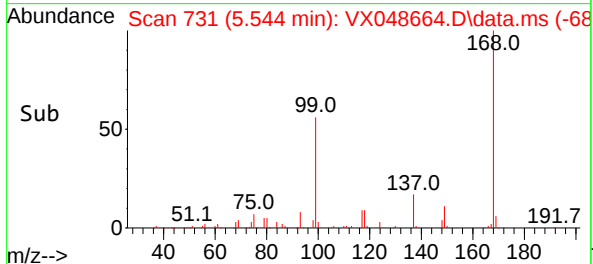
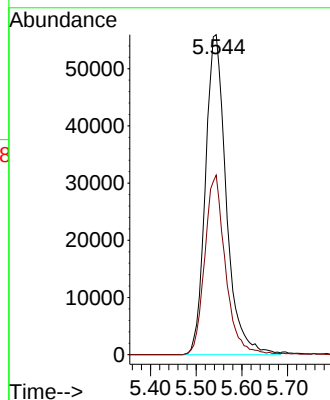
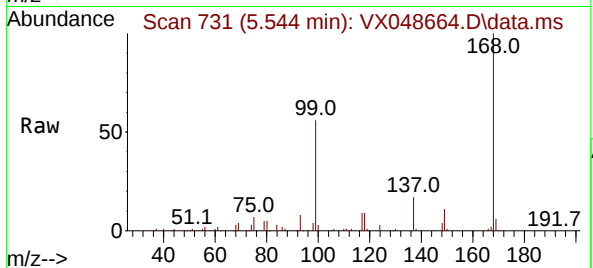




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048664.D
Acq: 24 Nov 2025 15:27

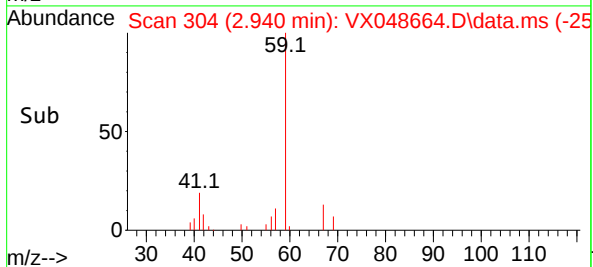
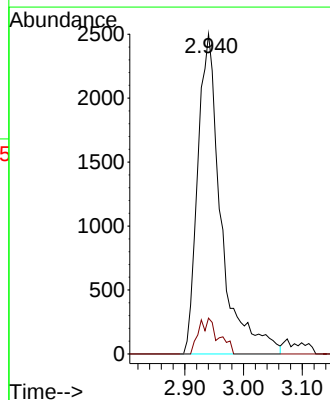
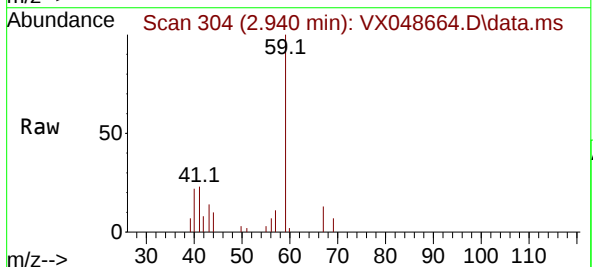
Instrument :
MSVOA_X
ClientSampleId :
V933

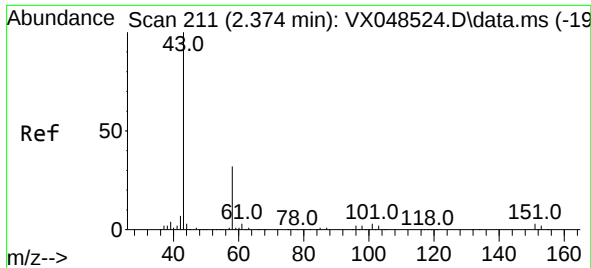
Tgt Ion:168 Resp: 177220
Ion Ratio Lower Upper
168 100
99 56.1 45.2 67.8



#11
Tert butyl alcohol
Concen: 14.801 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048664.D
Acq: 24 Nov 2025 15:27

Tgt Ion: 59 Resp: 6926
Ion Ratio Lower Upper
59 100
57 9.4 8.6 13.0

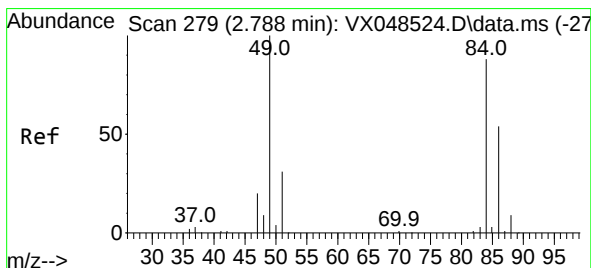
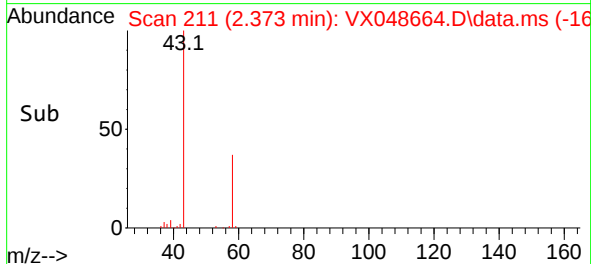
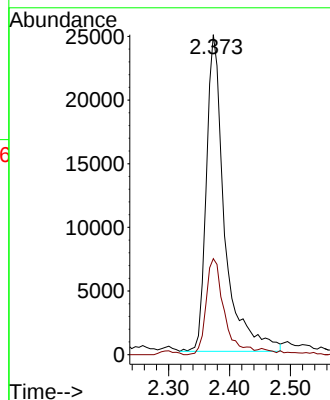
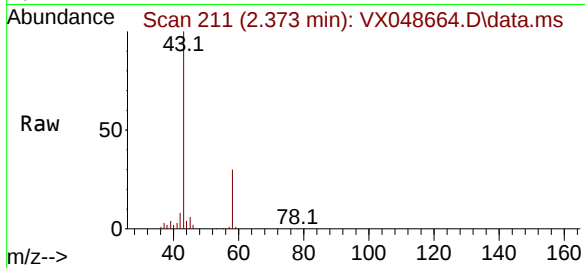




#16
Acetone
Concen: 44.458 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048664.D
Acq: 24 Nov 2025 15:27

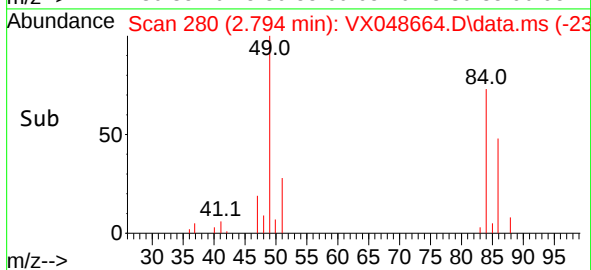
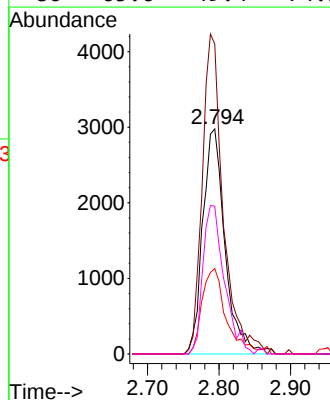
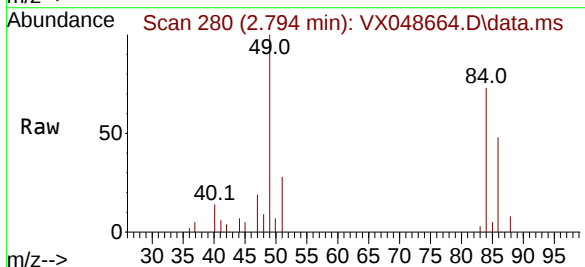
Instrument :
MSVOA_X
ClientSampleId :
V933

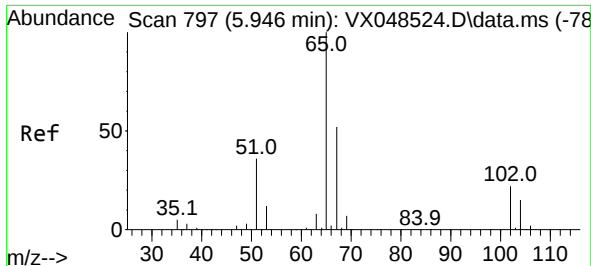
Tgt Ion: 43 Resp: 51967
Ion Ratio Lower Upper
43 100
58 29.8 25.8 38.6



#20
Methylene Chloride
Concen: 2.692 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048664.D
Acq: 24 Nov 2025 15:27

Tgt Ion: 84 Resp: 6470
Ion Ratio Lower Upper
84 100
49 137.7 91.2 136.8#
51 37.9 28.3 42.5
86 65.6 49.4 74.2





#33

1,2-Dichloroethane-d4

Concen: 52.950 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX048664.D

Acq: 24 Nov 2025 15:27

Instrument :

MSVOA_X

ClientSampleId :

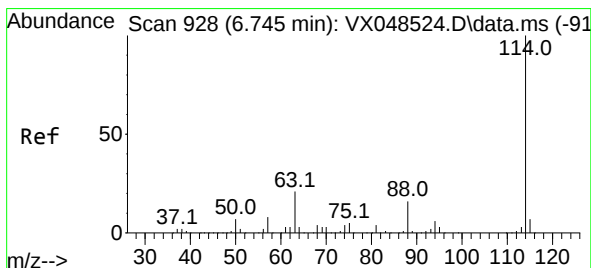
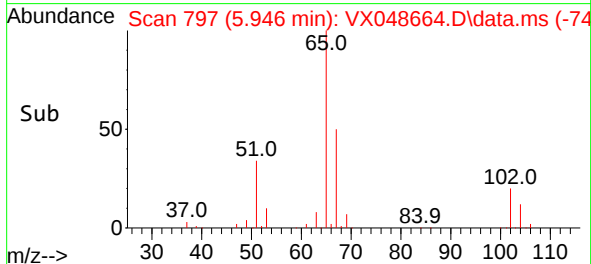
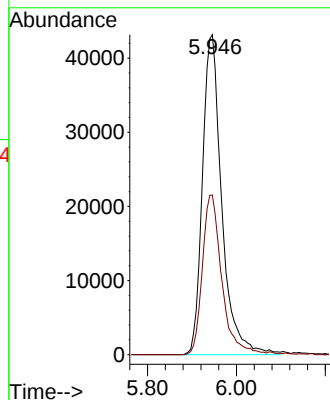
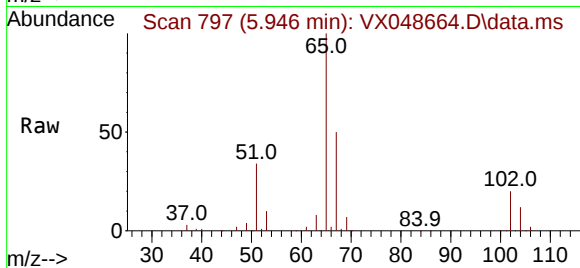
V933

Tgt Ion: 65 Resp: 130755

Ion Ratio Lower Upper

65 100

67 50.0 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048664.D

Acq: 24 Nov 2025 15:27

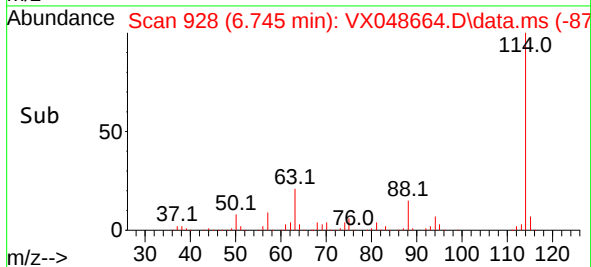
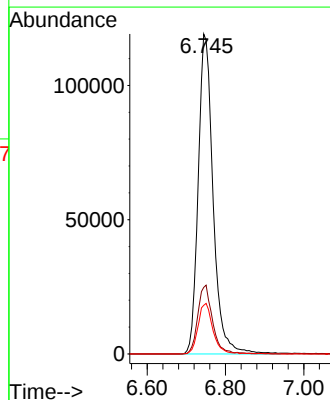
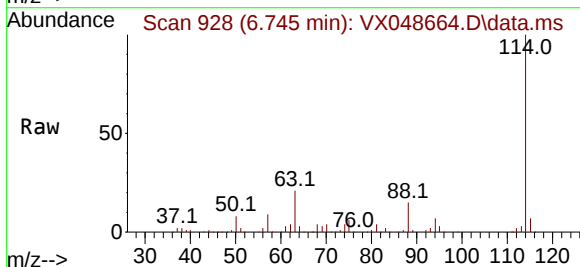
Tgt Ion: 114 Resp: 315823

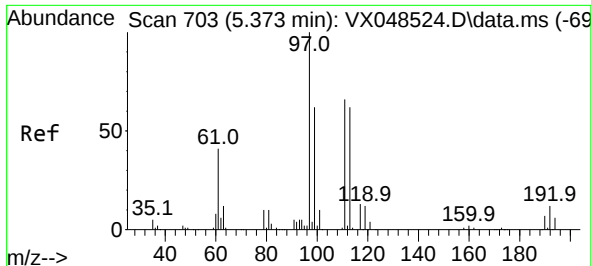
Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.2

88 15.2 0.0 32.2

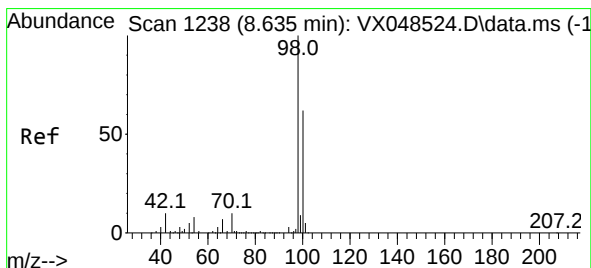
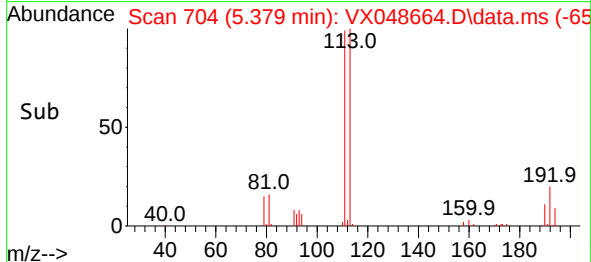
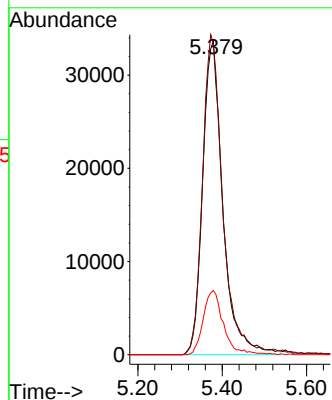
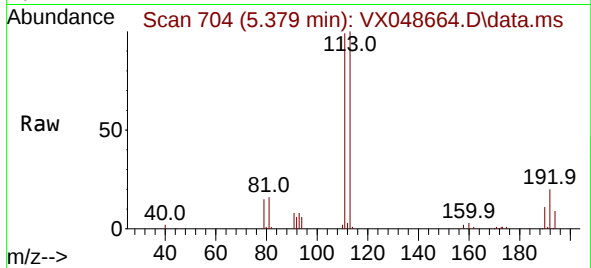




#35
 Dibromofluoromethane
 Concen: 47.037 ug/l
 RT: 5.379 min Scan# 703
 Delta R.T. 0.006 min
 Lab File: VX048664.D
 Acq: 24 Nov 2025 15:27

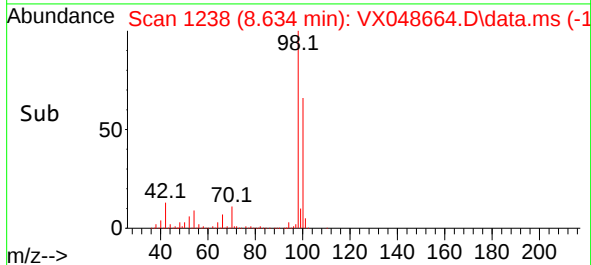
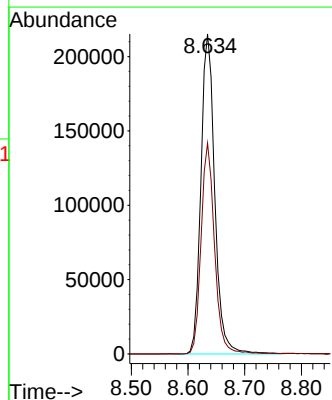
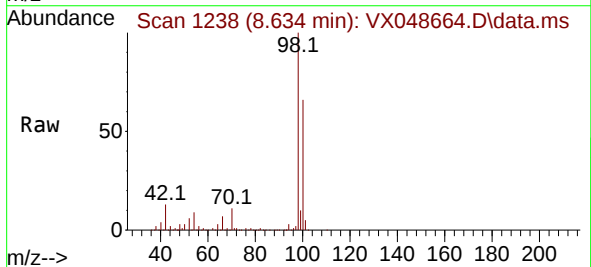
Instrument :
 MSVOA_X
 ClientSampleId :
 V933

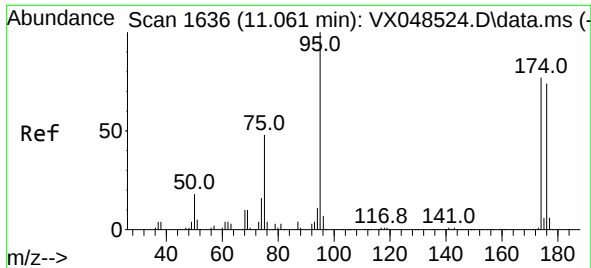
Tgt Ion:113 Resp: 112434
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.9 122.9
 192 20.3 15.8 23.6



#50
 Toluene-d8
 Concen: 49.001 ug/l
 RT: 8.634 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VX048664.D
 Acq: 24 Nov 2025 15:27

Tgt Ion: 98 Resp: 365310
 Ion Ratio Lower Upper
 98 100
 100 64.1 53.6 80.4

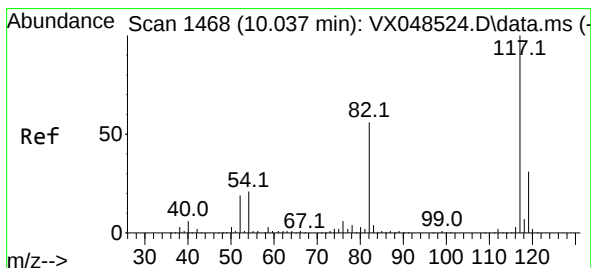
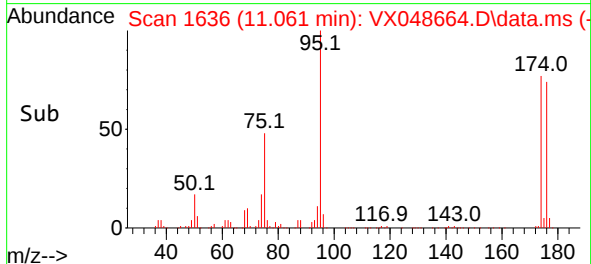
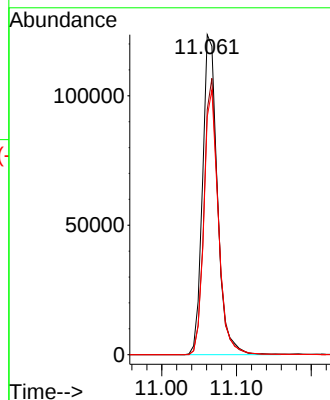
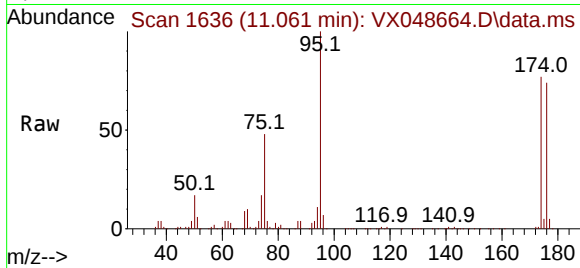




#62
4-Bromofluorobenzene
Concen: 61.445 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048664.D
Acq: 24 Nov 2025 15:27

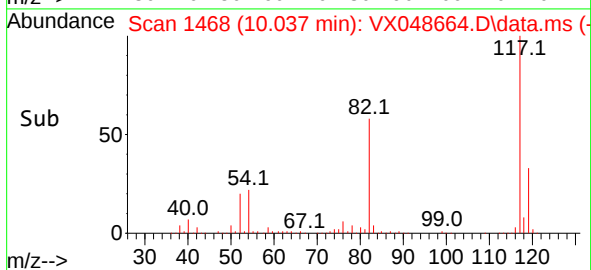
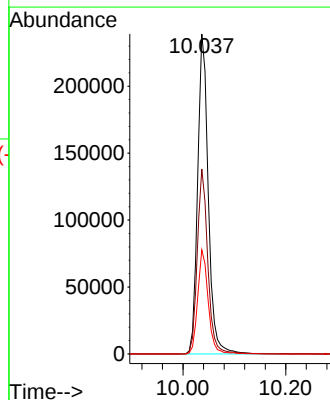
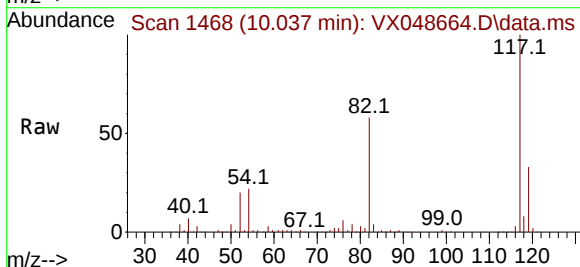
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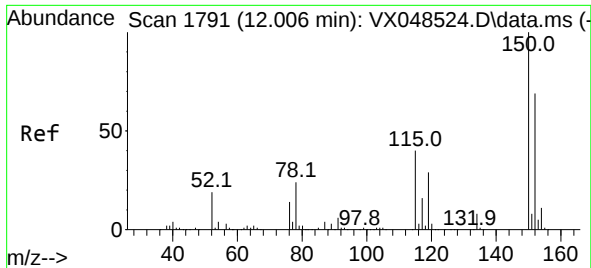
Tgt Ion: 95 Resp: 170710
Ion Ratio Lower Upper
95 100
174 82.8 0.0 161.8
176 80.5 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048664.D
Acq: 24 Nov 2025 15:27

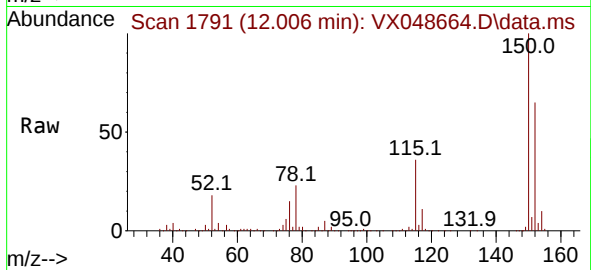
Tgt Ion: 117 Resp: 342865
Ion Ratio Lower Upper
117 100
82 57.8 44.4 66.6
119 32.5 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048664.D
 Acq: 24 Nov 2025 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 V933



Tgt Ion:152 Resp: 206089
 Ion Ratio Lower Upper
 152 100
 115 57.5 39.2 117.6
 150 154.5 0.0 347.0

