

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047965.D
 Acq On : 02 Oct 2025 14:08
 Operator : JC/MD
 Sample : Q3194-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB05-20250924

Quant Time: Oct 03 03:30:49 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)

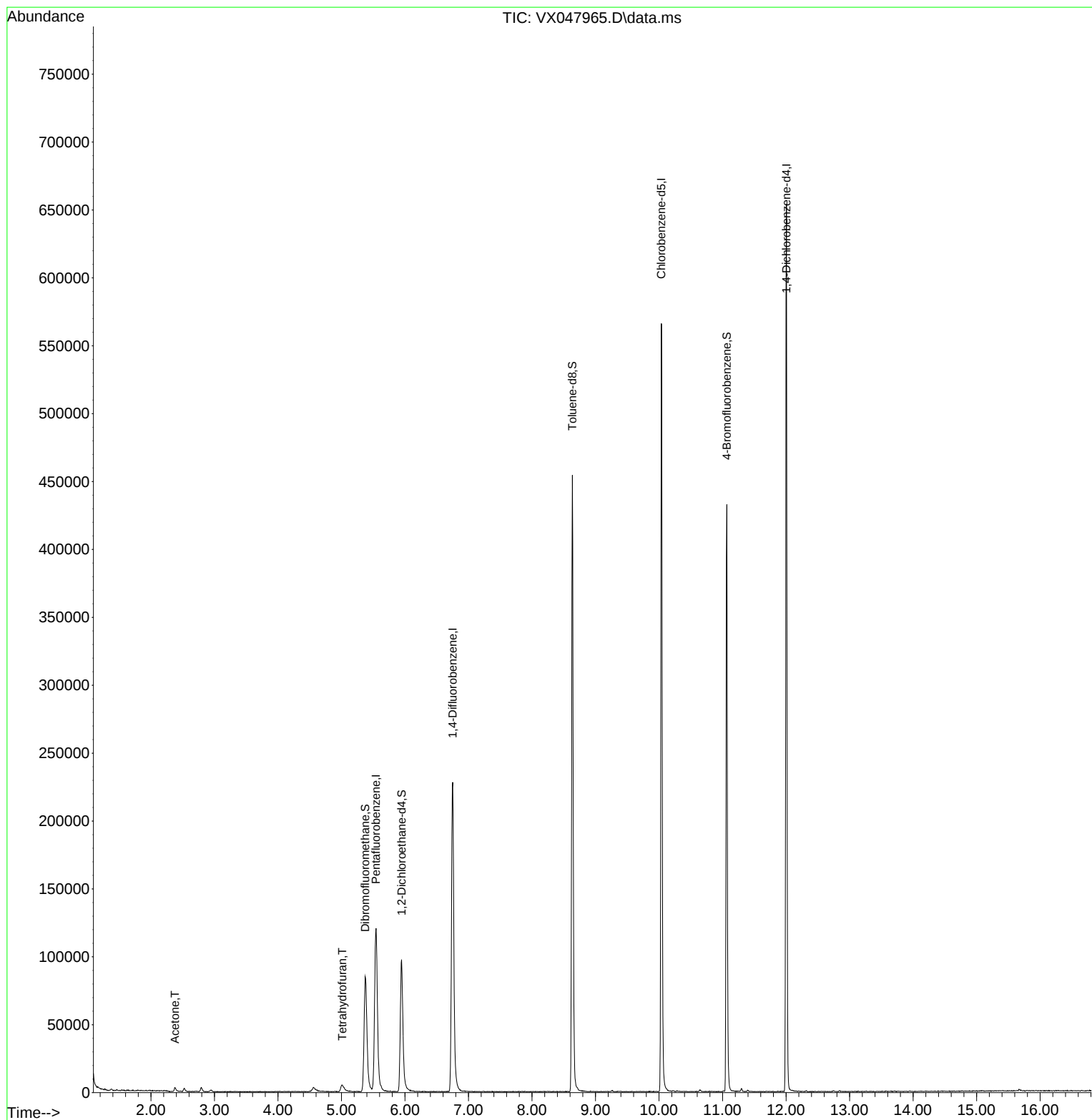
Internal Standards						
1) Pentafluorobenzene	5.544	168	121859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	252504	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	264392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	105109	54.189	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.380%
35) Dibromofluoromethane	5.373	113	83351	49.220	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.440%
50) Toluene-d8	8.634	98	282958	48.290	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.580%
62) 4-Bromofluorobenzene	11.067	95	124361	55.922	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.840%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	4403	5.221	ug/l #	78
29) Tetrahydrofuran	5.013	42	6009	9.495	ug/l #	66

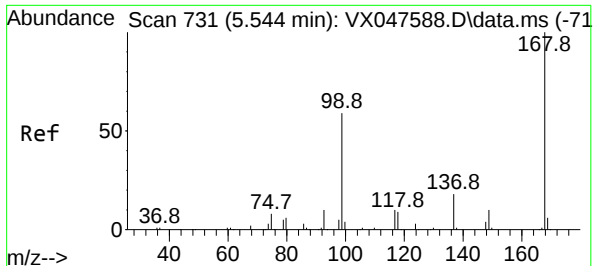
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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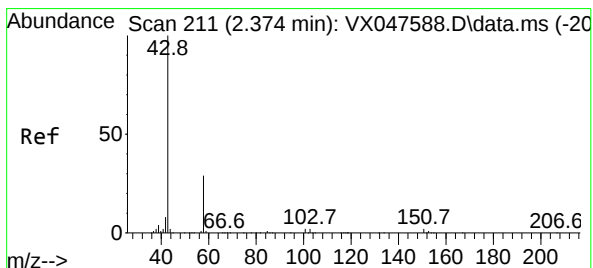
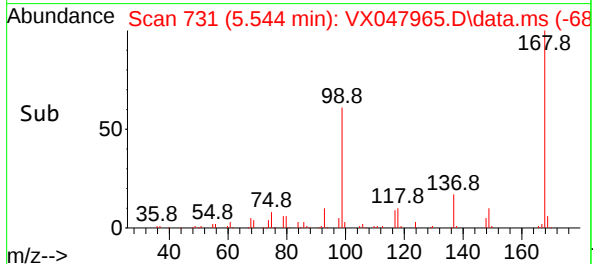
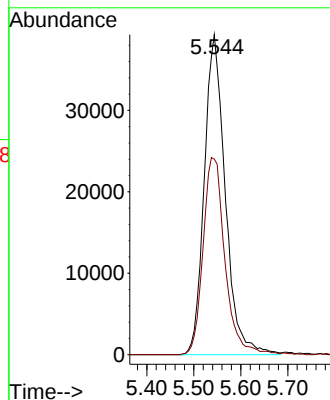
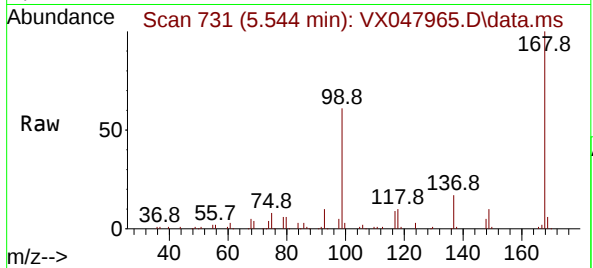




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047965.D
Acq: 02 Oct 2025 14:08

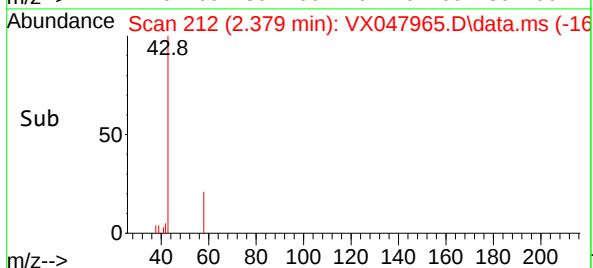
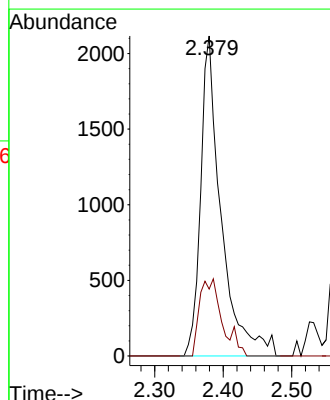
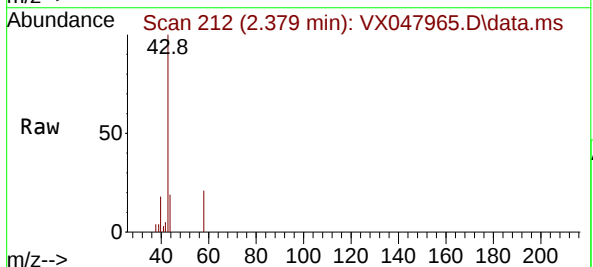
Instrument :
MSVOA_X
ClientSampleId :
EB05-20250924

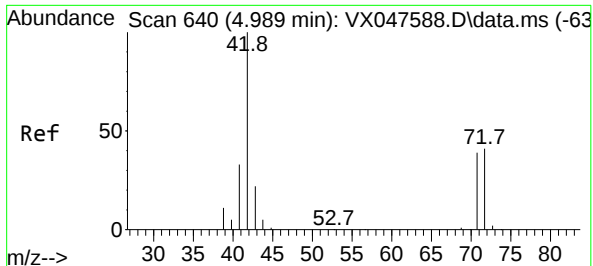
Tgt Ion:168 Resp: 121859
Ion Ratio Lower Upper
168 100
99 61.1 48.8 73.2



#16
Acetone
Concen: 5.221 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047965.D
Acq: 02 Oct 2025 14:08

Tgt Ion: 43 Resp: 4403
Ion Ratio Lower Upper
43 100
58 17.7 23.4 35.0#





#29

Tetrahydrofuran

Concen: 9.495 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX047965.D

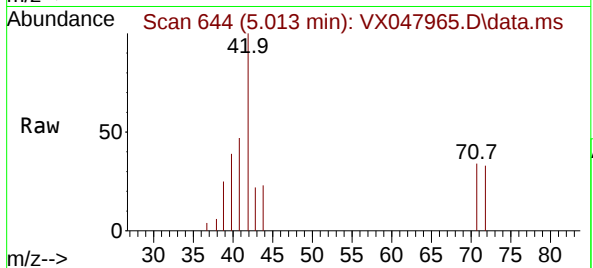
Acq: 02 Oct 2025 14:08

Instrument :

MSVOA_X

ClientSampleId :

EB05-20250924



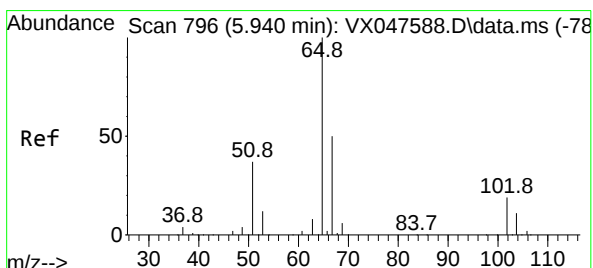
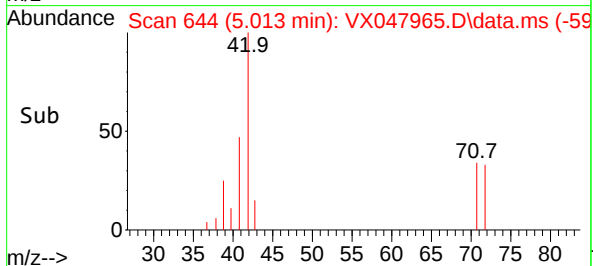
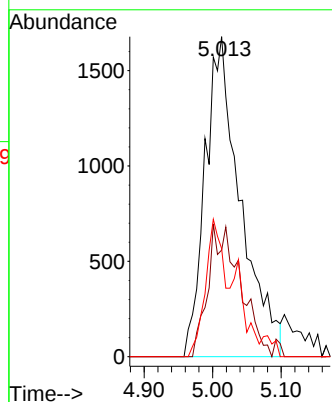
Tgt Ion: 42 Resp: 6009

Ion Ratio Lower Upper

42 100

72 16.8 34.2 51.2#

71 23.7 31.9 47.9#



#33

1,2-Dichloroethane-d4

Concen: 54.189 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX047965.D

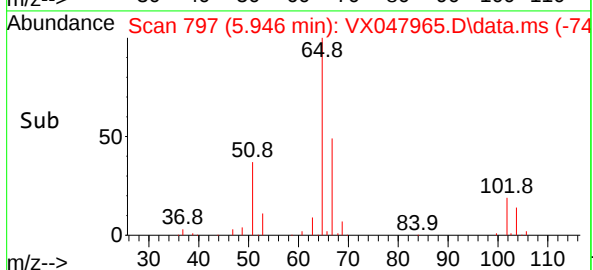
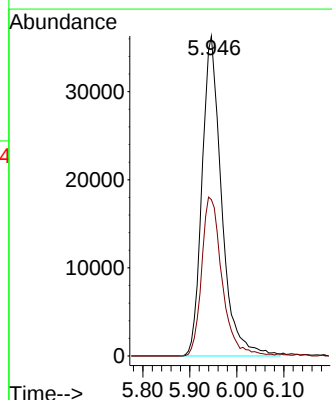
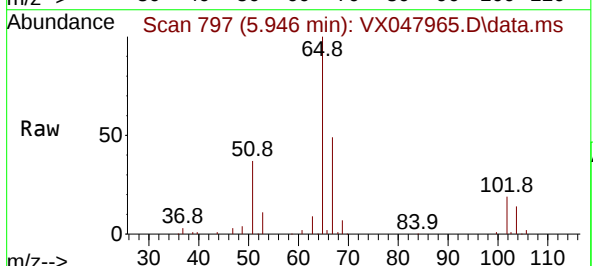
Acq: 02 Oct 2025 14:08

Tgt Ion: 65 Resp: 105109

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.0

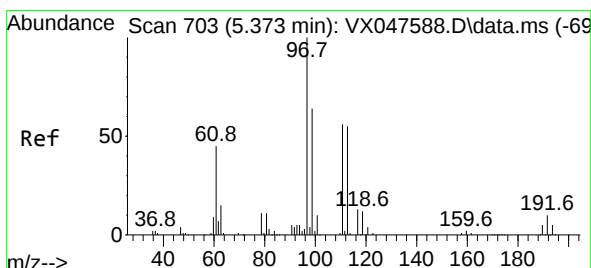
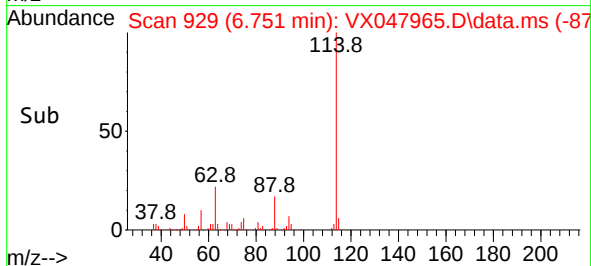
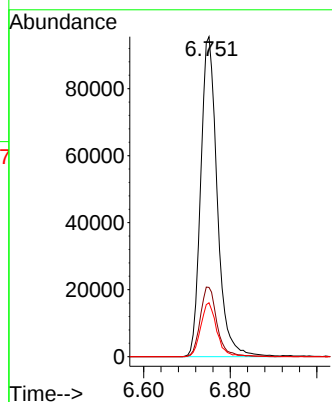
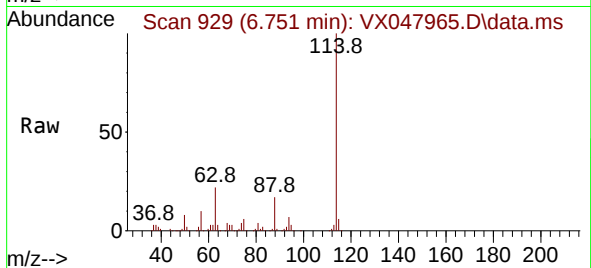




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047965.D
Acq: 02 Oct 2025 14:08

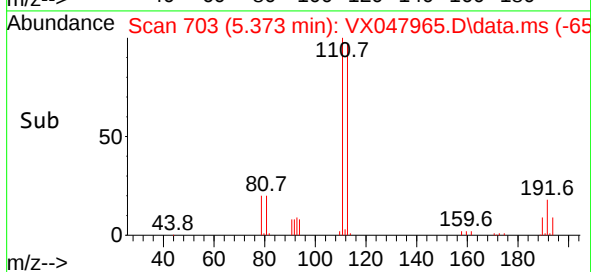
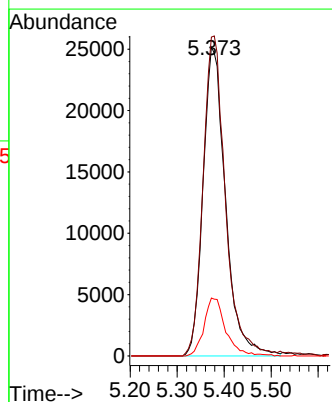
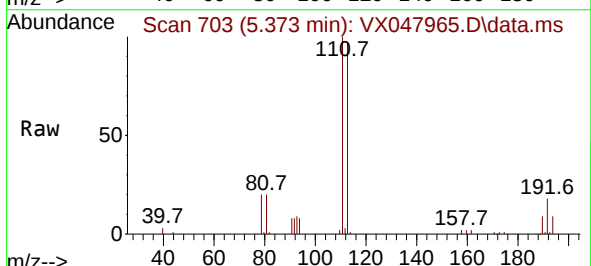
Instrument :
MSVOA_X
ClientSampleId :
EB05-20250924

Tgt Ion:114 Resp: 252504
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 16.8 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.220 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047965.D
Acq: 02 Oct 2025 14:08

Tgt Ion:113 Resp: 83351
Ion Ratio Lower Upper
113 100
111 103.1 80.9 121.3
192 18.2 14.2 21.4

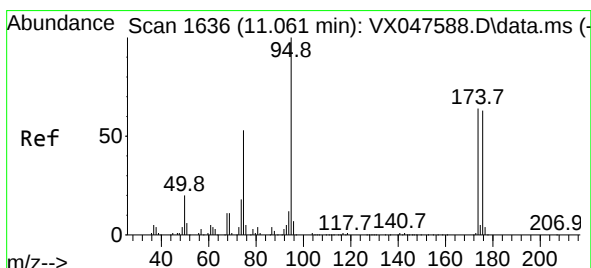
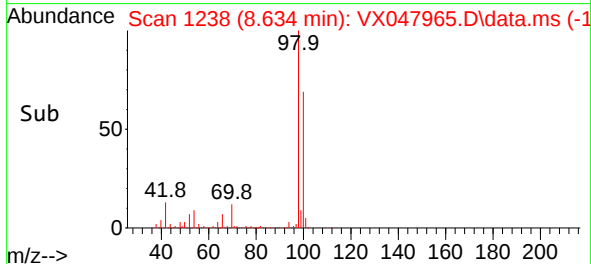
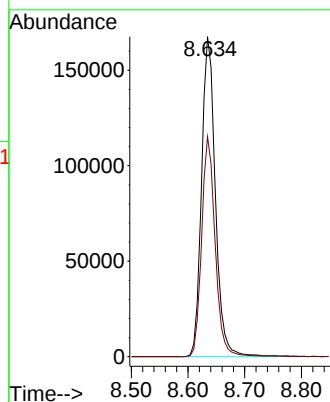
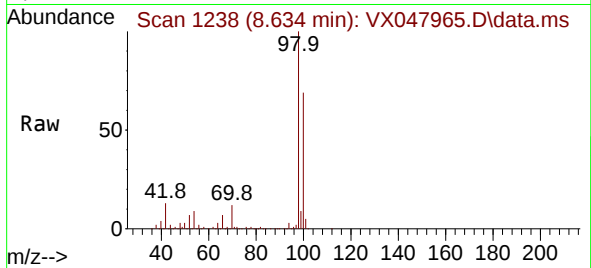




#50
Toluene-d8
Concen: 48.290 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047965.D
Acq: 02 Oct 2025 14:08

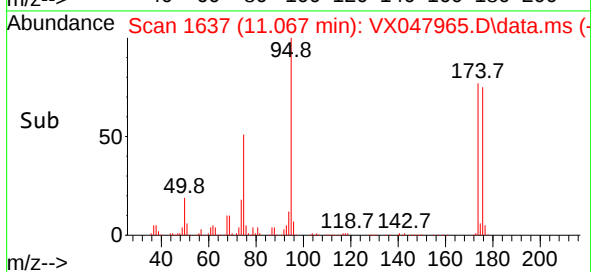
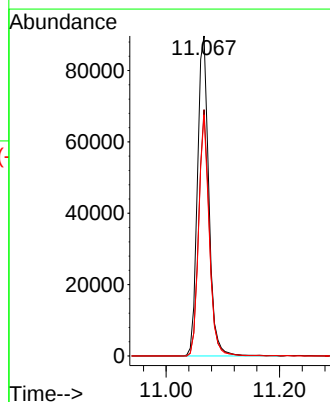
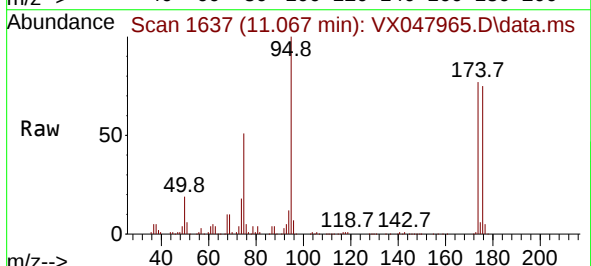
Instrument :
MSVOA_X
ClientSampleId :
EB05-20250924

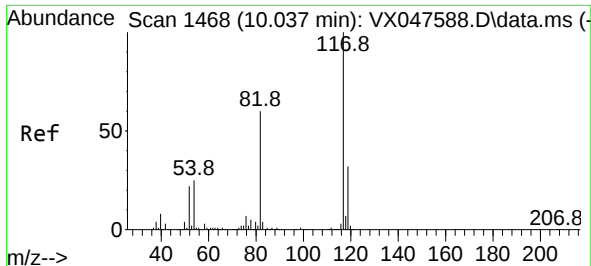
Tgt Ion: 98 Resp: 282958
Ion Ratio Lower Upper
98 100
100 67.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.922 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047965.D
Acq: 02 Oct 2025 14:08

Tgt Ion: 95 Resp: 124361
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.6
176 69.8 0.0 138.4

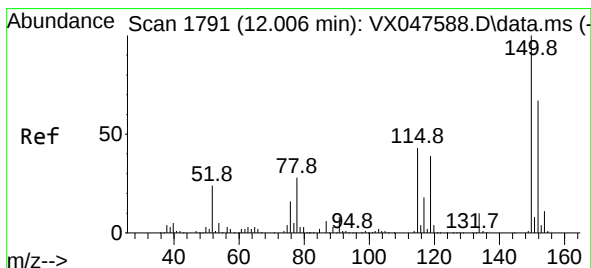
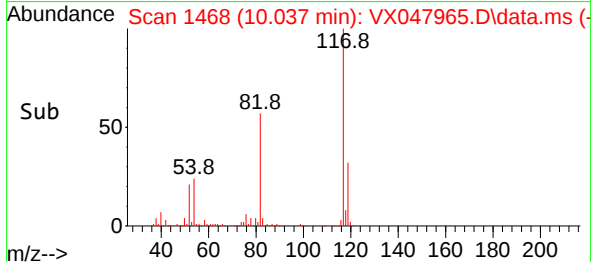
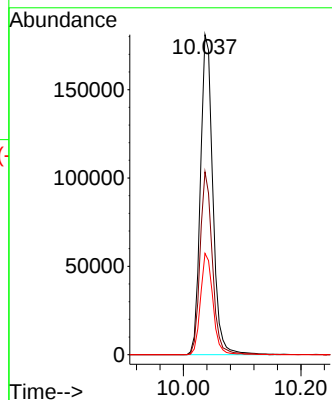
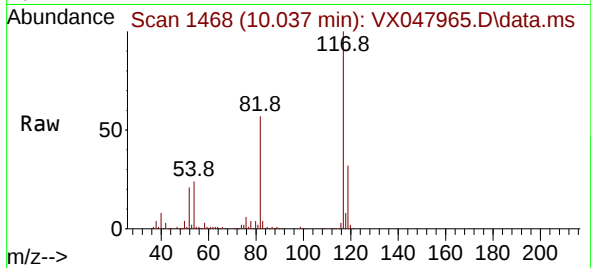




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047965.D
Acq: 02 Oct 2025 14:08

Instrument :
MSVOA_X
ClientSampleId :
EB05-20250924

Tgt Ion:117 Resp: 264392
Ion Ratio Lower Upper
117 100
82 57.2 47.8 71.6
119 31.6 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: VX047965.D
Acq: 02 Oct 2025 14:08

Tgt Ion:152 Resp: 134089
Ion Ratio Lower Upper
152 100
115 62.6 44.9 134.5
150 157.2 0.0 352.0

