

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
 Data File : VX048037.D
 Acq On : 07 Oct 2025 09:13
 Operator : JC/MD
 Sample : VX1007MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007MBL01

Quant Time: Oct 08 01:20:15 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	5.531	168	100076	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	203813	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	211698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	102124	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	89710	56.317	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.640%
35) Dibromofluoromethane	5.367	113	74421	54.446	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.900%
50) Toluene-d8	8.628	98	253377	53.572	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.140%
62) 4-Bromofluorobenzene	11.061	95	104829	58.401	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.800%

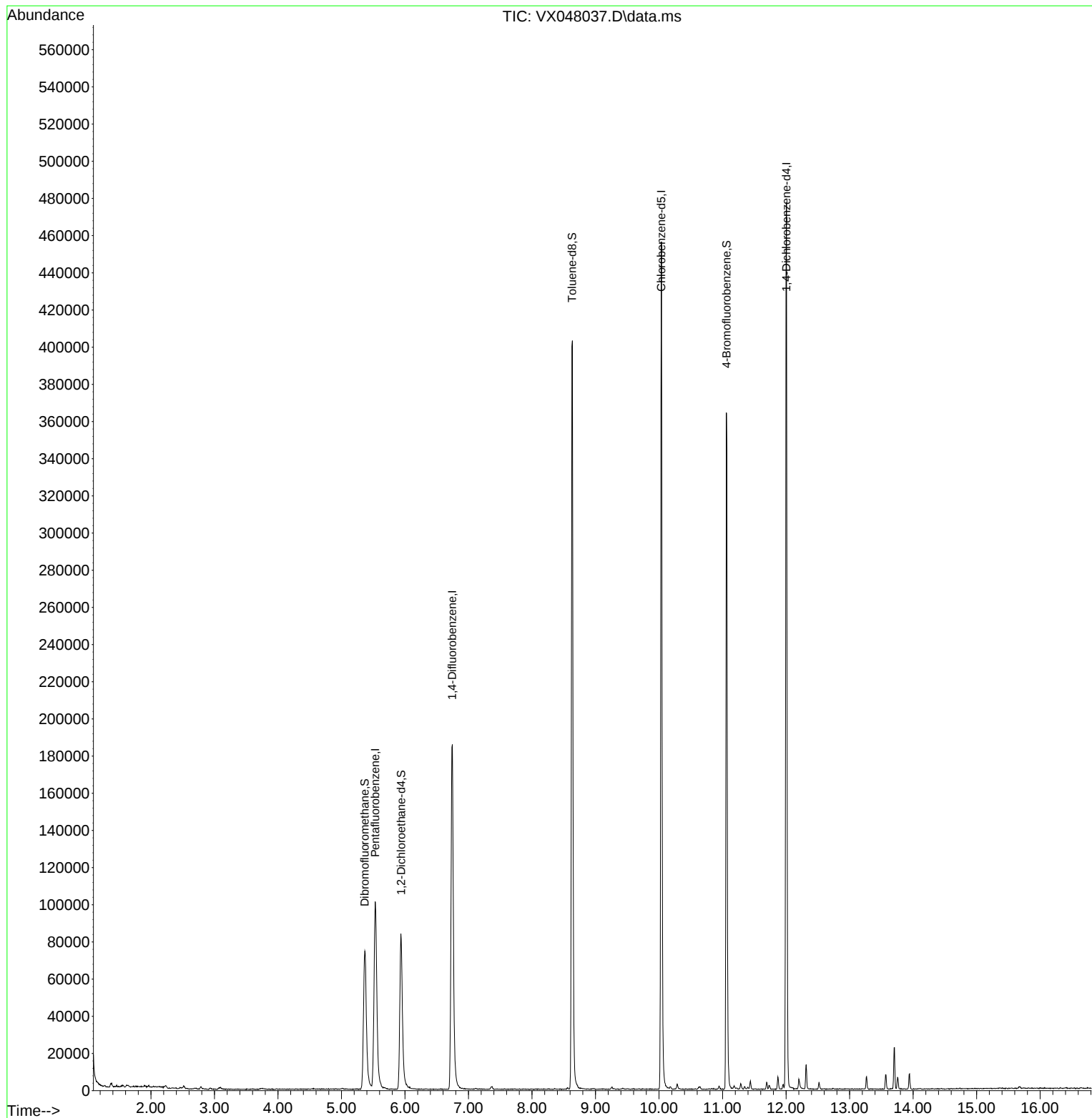
Target Compounds	Qvalue

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

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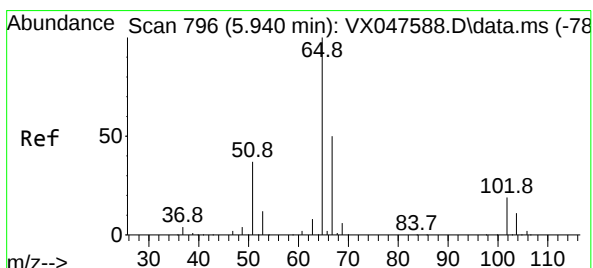
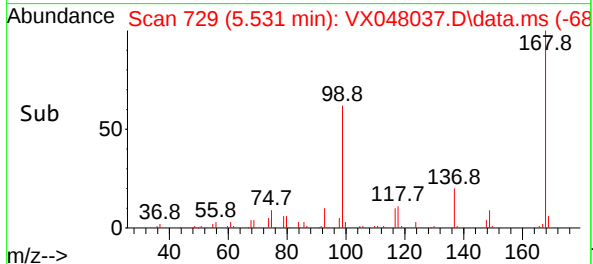
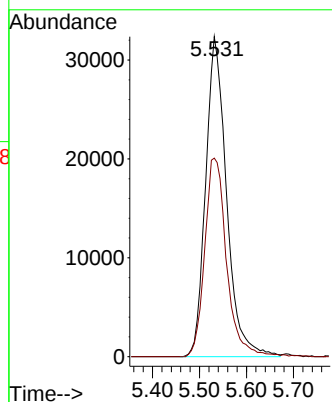
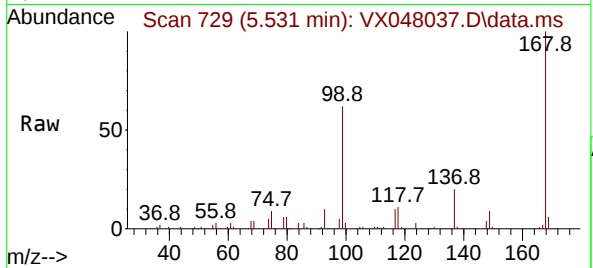




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048037.D
Acq: 07 Oct 2025 09:13

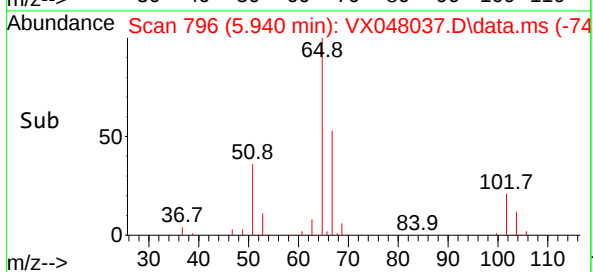
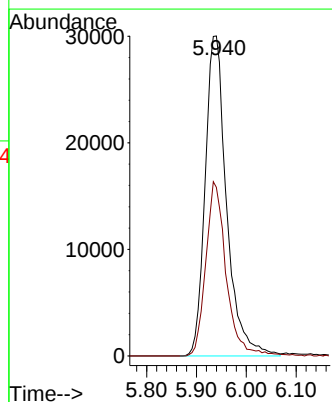
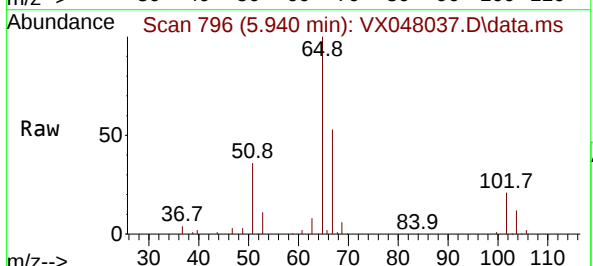
Instrument :
MSVOA_X
ClientSampleId :
VX1007MBL01

Tgt Ion:168 Resp: 100076
Ion Ratio Lower Upper
168 100
99 62.1 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 56.317 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048037.D
Acq: 07 Oct 2025 09:13

Tgt Ion: 65 Resp: 89710
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0

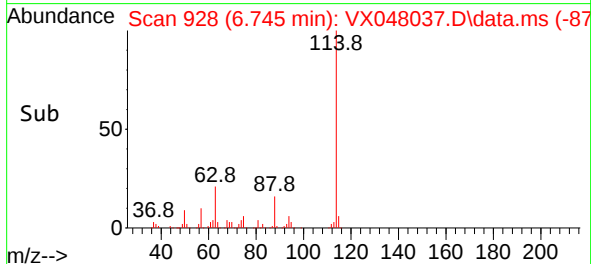
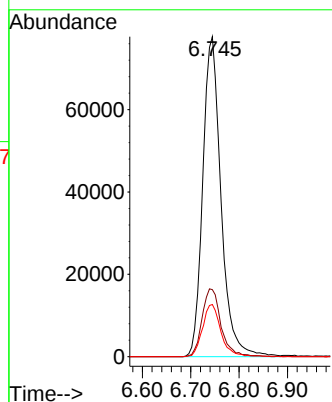
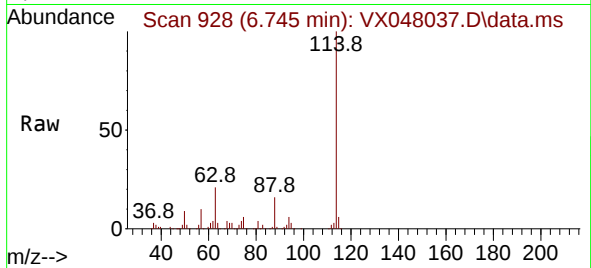




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048037.D
Acq: 07 Oct 2025 09:13

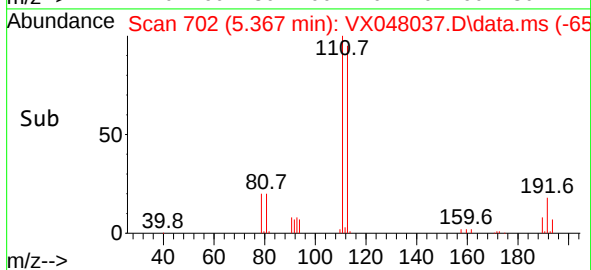
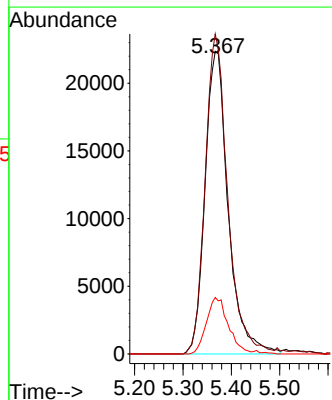
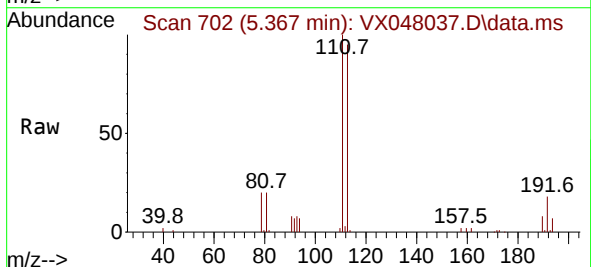
Instrument :
MSVOA_X
ClientSampleId :
VX1007MBL01

Tgt Ion:114 Resp: 203813
Ion Ratio Lower Upper
114 100
63 21.0 0.0 44.0
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 54.446 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048037.D
Acq: 07 Oct 2025 09:13

Tgt Ion:113 Resp: 74421
Ion Ratio Lower Upper
113 100
111 102.7 80.9 121.3
192 17.6 14.2 21.4

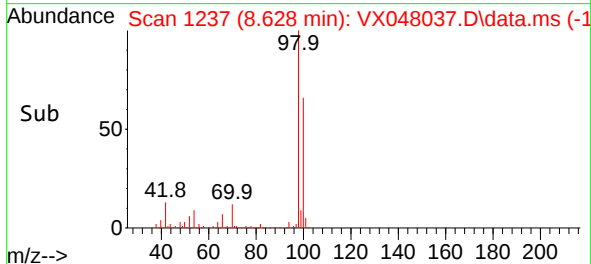
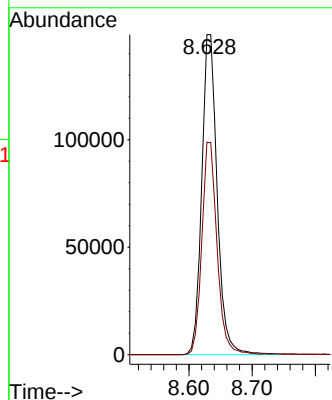
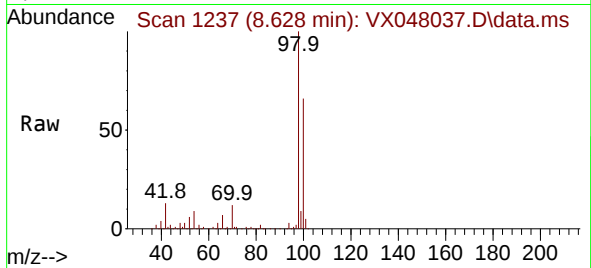




#50
Toluene-d8
Concen: 53.572 ug/l
RT: 8.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048037.D
Acq: 07 Oct 2025 09:13

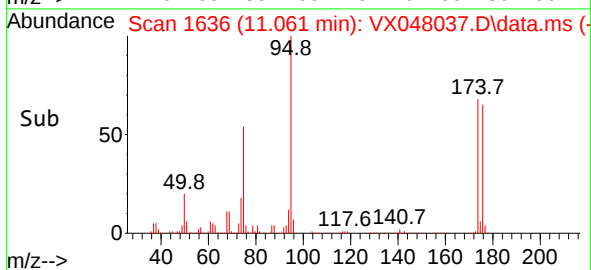
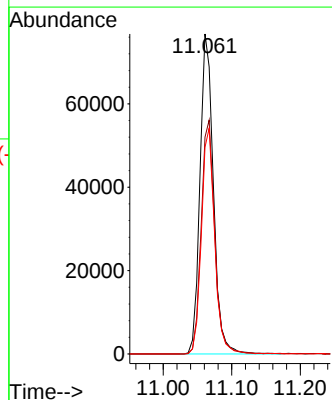
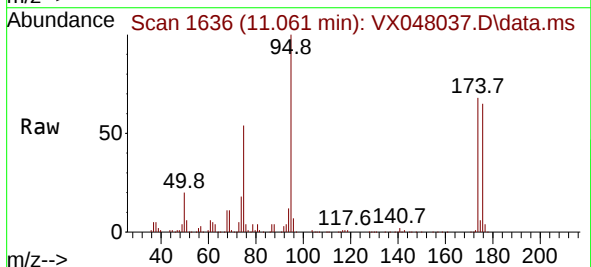
Instrument :
MSVOA_X
ClientSampleId :
VX1007MBL01

Tgt Ion: 98 Resp: 253377
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.401 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048037.D
Acq: 07 Oct 2025 09:13

Tgt Ion: 95 Resp: 104829
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.6
176 69.9 0.0 138.4

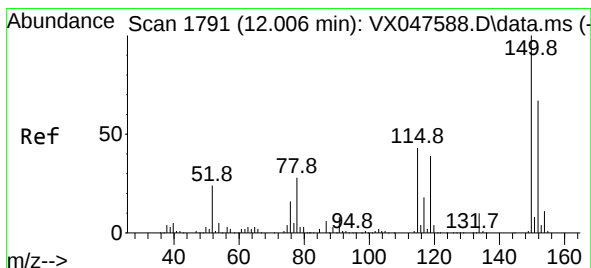
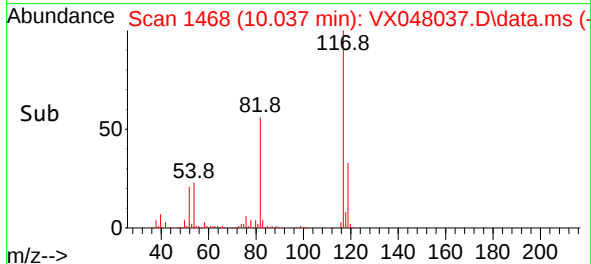
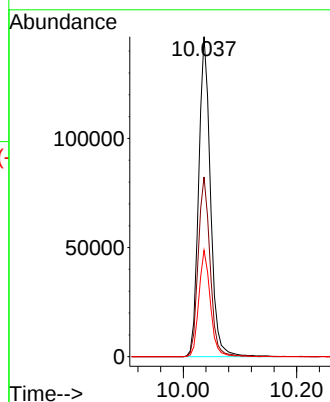
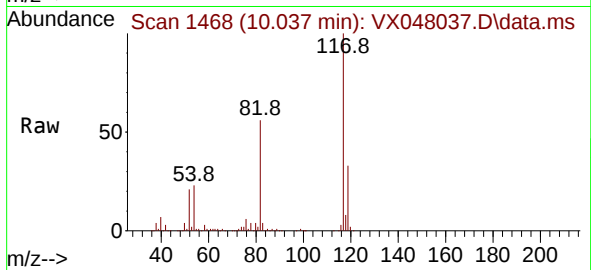




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048037.D
Acq: 07 Oct 2025 09:13

Instrument :
MSVOA_X
ClientSampleId :
VX1007MBL01

Tgt Ion:117 Resp: 211698
Ion Ratio Lower Upper
117 100
82 56.2 47.8 71.6
119 33.2 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: VX048037.D
Acq: 07 Oct 2025 09:13

Tgt Ion:152 Resp: 102124
Ion Ratio Lower Upper
152 100
115 62.3 44.9 134.5
150 158.2 0.0 352.0

