

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110425\  
 Data File : VX048473.D  
 Acq On : 04 Nov 2025 10:36  
 Operator : JC/MD  
 Sample : VX1104WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_X  
**ClientSampleId :**  
 VX1104WBL01

Quant Time: Nov 05 01:43:09 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102925W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 30 02:37:17 2025  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	132762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	255401	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	268346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	146033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	93163	48.794	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.580%
35) Dibromofluoromethane	5.367	113	73003	50.135	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.260%
50) Toluene-d8	8.634	98	309296	48.119	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.240%
62) 4-Bromofluorobenzene	11.061	95	140579	58.465	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.940%

Target Compounds Qvalue

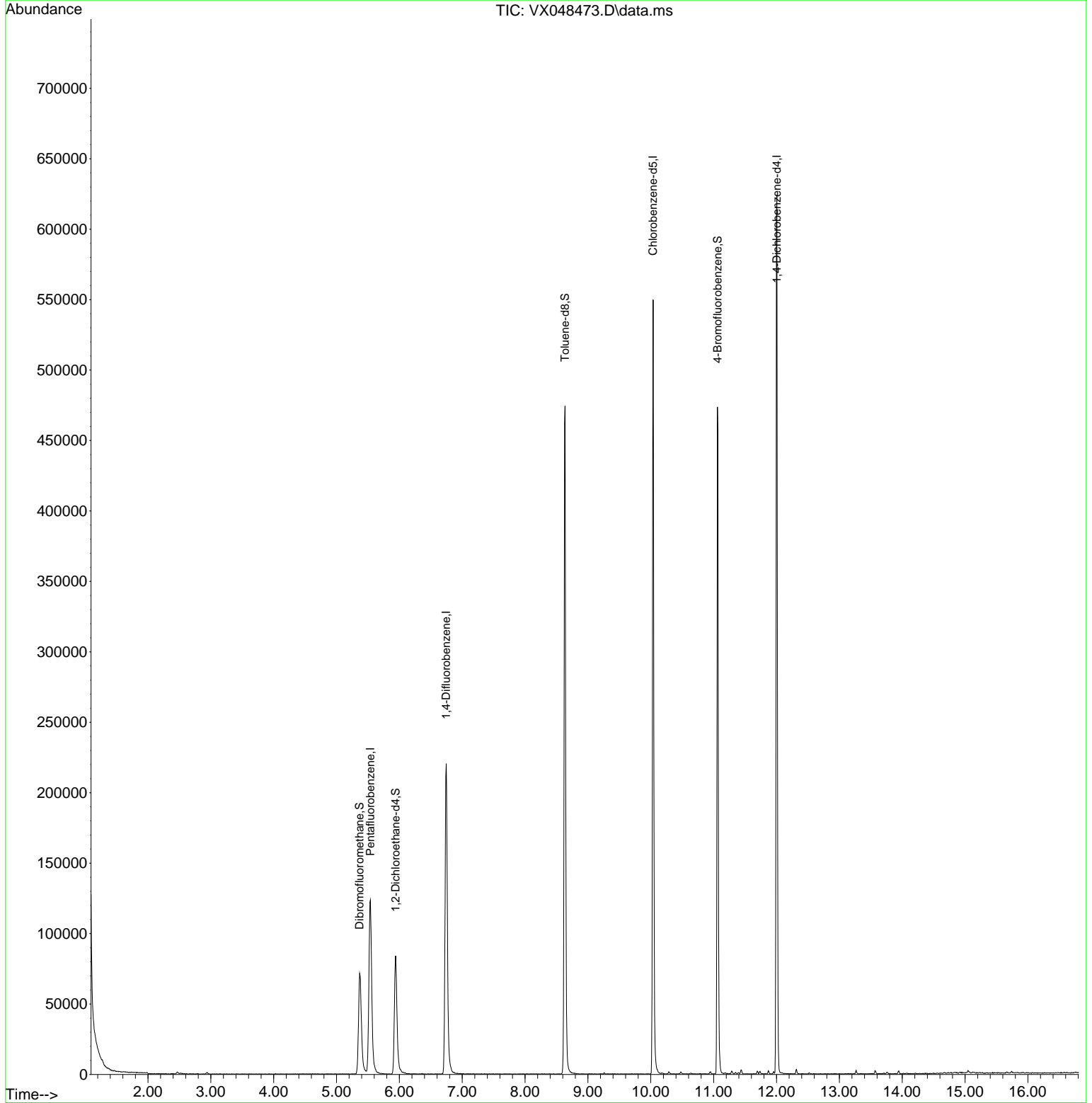
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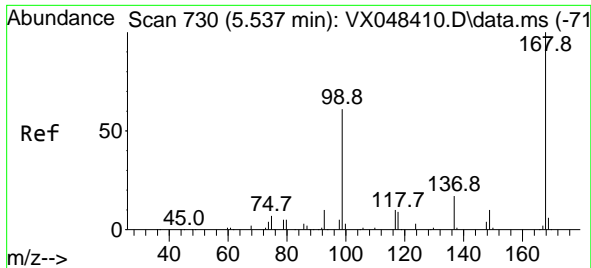
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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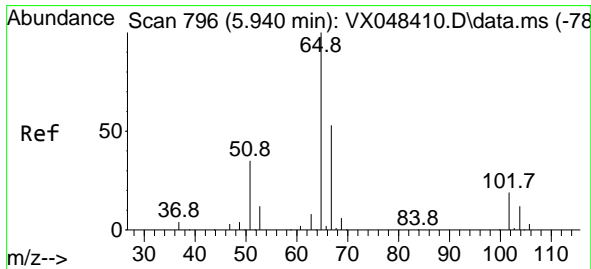
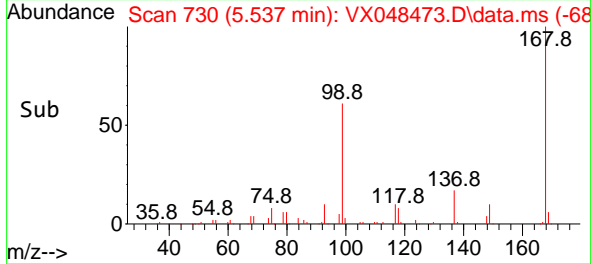
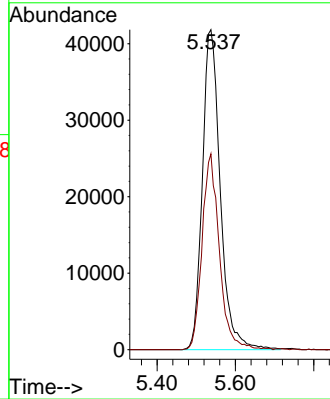
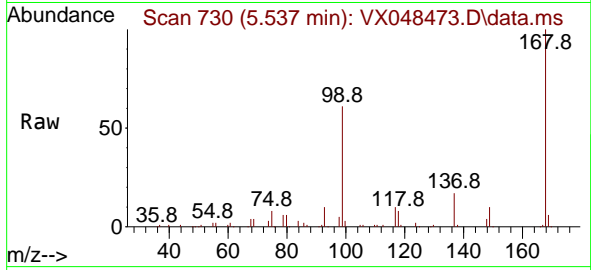




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.537 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: VX048473.D  
 Acq: 04 Nov 2025 10:36

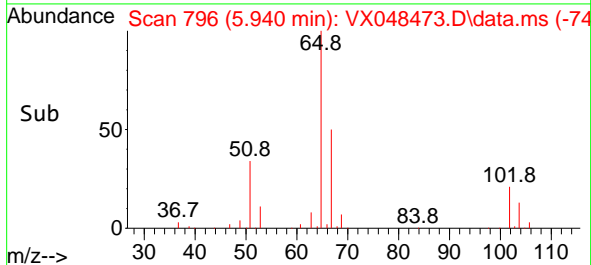
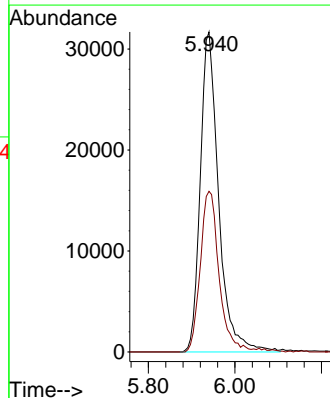
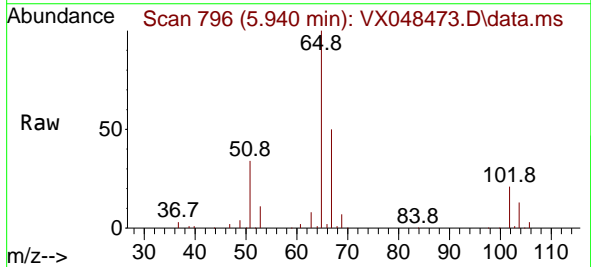
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1104WBL01

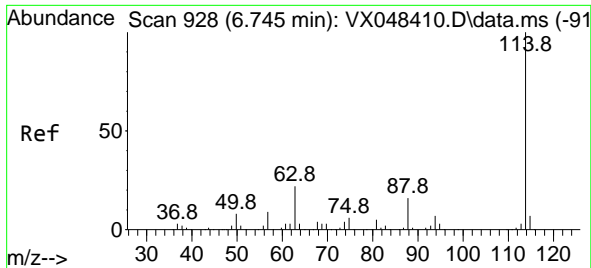
Tgt Ion:168 Resp: 132762  
 Ion Ratio Lower Upper  
 168 100  
 99 61.2 46.4 69.6



#33  
 1,2-Dichloroethane-d4  
 Concen: 48.794 ug/l  
 RT: 5.940 min Scan# 796  
 Delta R.T. -0.000 min  
 Lab File: VX048473.D  
 Acq: 04 Nov 2025 10:36

Tgt Ion: 65 Resp: 93163  
 Ion Ratio Lower Upper  
 65 100  
 67 51.2 0.0 105.0



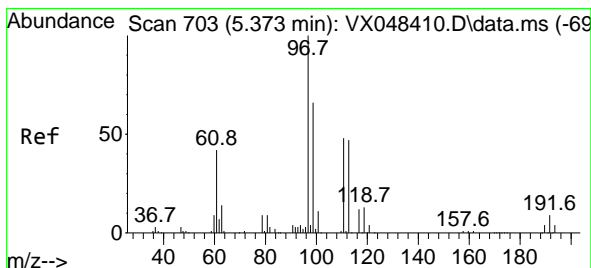
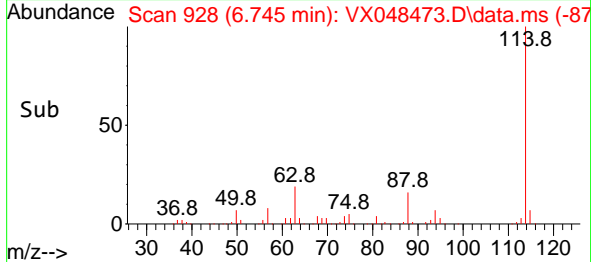
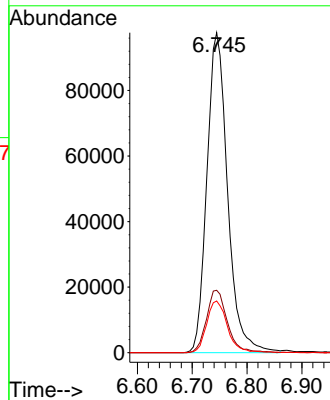
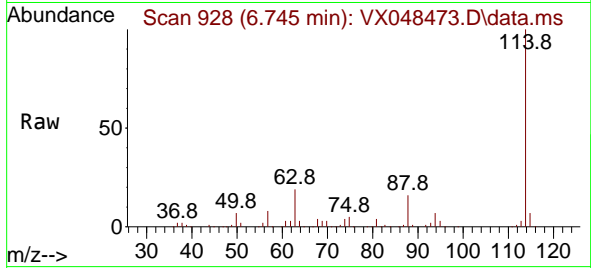


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.745 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: VX048473.D  
 Acq: 04 Nov 2025 10:36

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1104WBL01

Tgt Ion:114 Resp: 255401

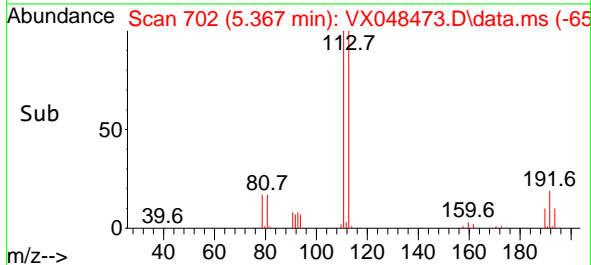
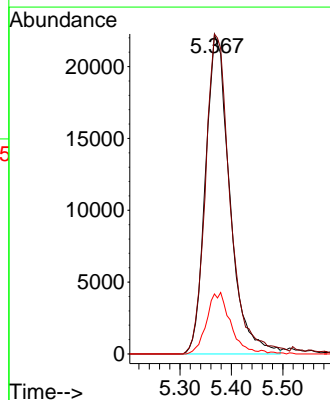
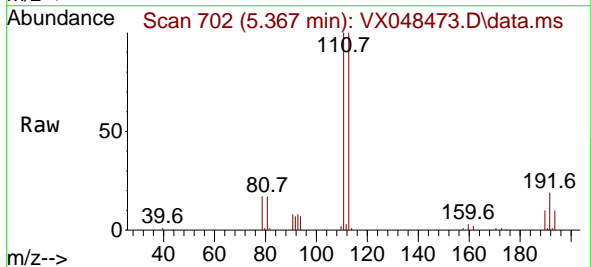
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	43.2
88	16.1	0.0	33.6

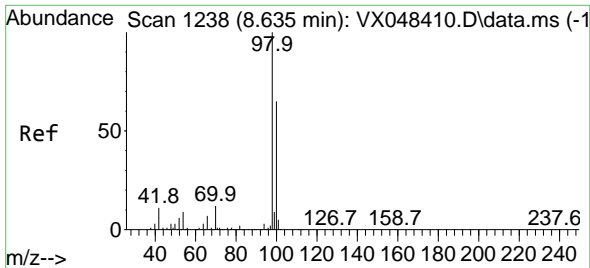


#35  
 Dibromofluoromethane  
 Concen: 50.135 ug/l  
 RT: 5.367 min Scan# 702  
 Delta R.T. -0.006 min  
 Lab File: VX048473.D  
 Acq: 04 Nov 2025 10:36

Tgt Ion:113 Resp: 73003

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	18.8	15.1	22.7

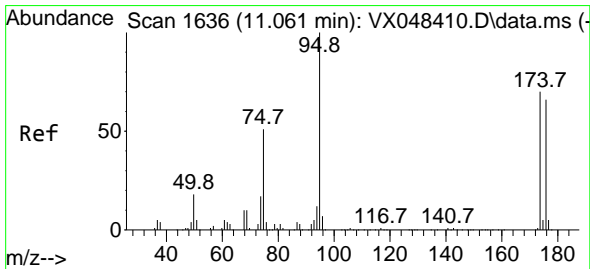
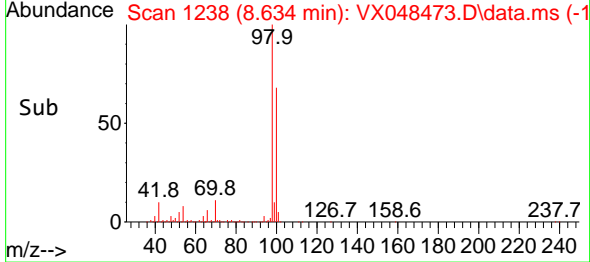
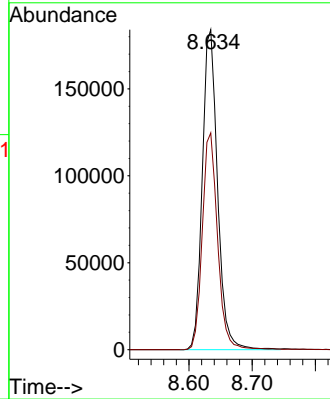
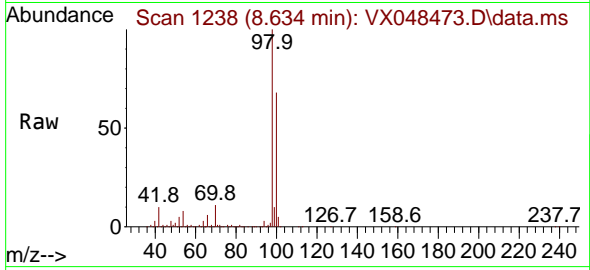




#50  
 Toluene-d8  
 Concen: 48.119 ug/l  
 RT: 8.634 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX048473.D  
 Acq: 04 Nov 2025 10:36

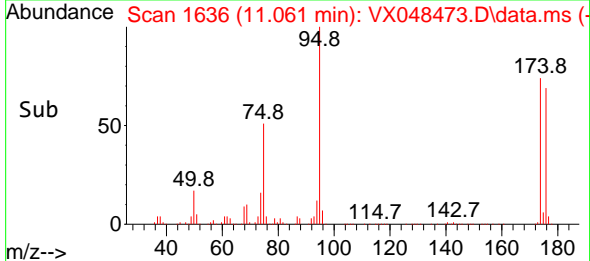
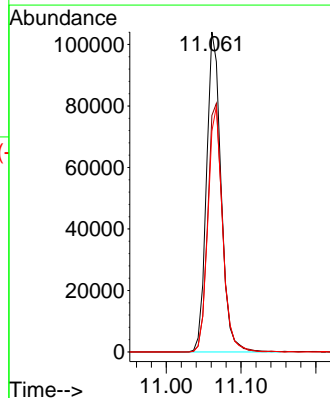
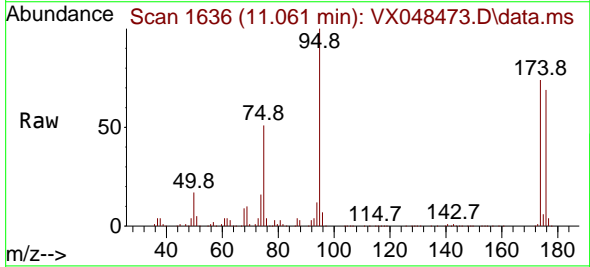
Instrument : MSVOA\_X  
 ClientSampleId : VX1104WBL01

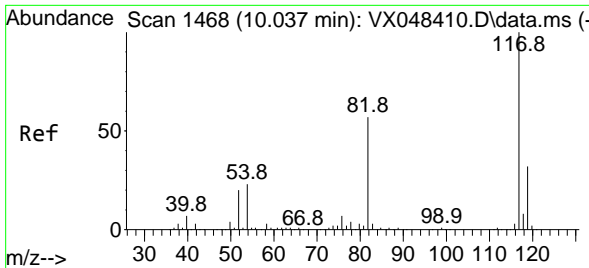
Tgt Ion: 98 Resp: 309296  
 Ion Ratio Lower Upper  
 98 100  
 100 67.8 53.0 79.4



#62  
 4-Bromofluorobenzene  
 Concen: 58.465 ug/l  
 RT: 11.061 min Scan# 1636  
 Delta R.T. -0.000 min  
 Lab File: VX048473.D  
 Acq: 04 Nov 2025 10:36

Tgt Ion: 95 Resp: 140579  
 Ion Ratio Lower Upper  
 95 100  
 174 79.1 0.0 147.8  
 176 76.8 0.0 142.8



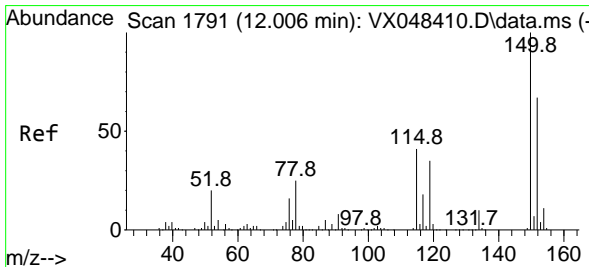
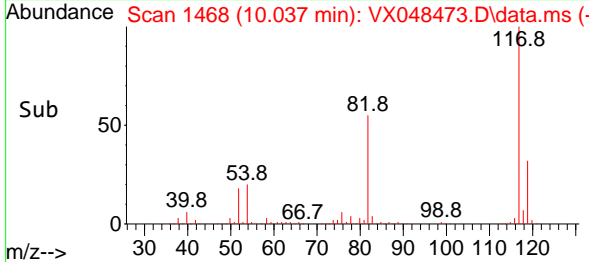
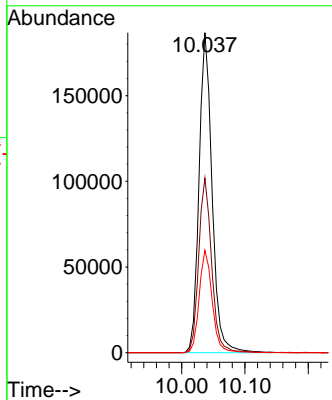
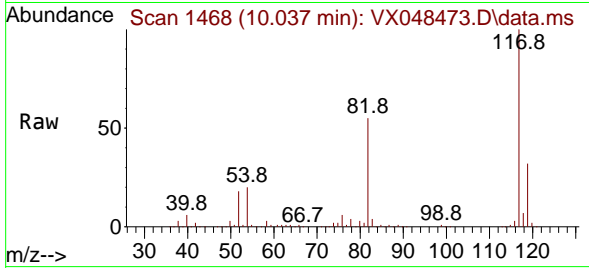


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.037 min Scan# 1468  
 Delta R.T. -0.000 min  
 Lab File: VX048473.D  
 Acq: 04 Nov 2025 10:36

Instrument : MSVOA\_X  
 ClientSampleId : VX1104WBL01

Tgt Ion:117 Resp: 268346

Ion	Ratio	Lower	Upper
117	100		
82	54.6	46.5	69.7
119	32.0	25.9	38.9



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX048473.D  
 Acq: 04 Nov 2025 10:36

Tgt Ion:152 Resp: 146033

Ion	Ratio	Lower	Upper
152	100		
115	60.3	43.1	129.4
150	156.3	0.0	353.0

