

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110425\
 Data File : VX048487.D
 Acq On : 04 Nov 2025 16:43
 Operator : JC/MD
 Sample : Q3541-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 N48969

Quant Time: Nov 05 03:29:18 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)

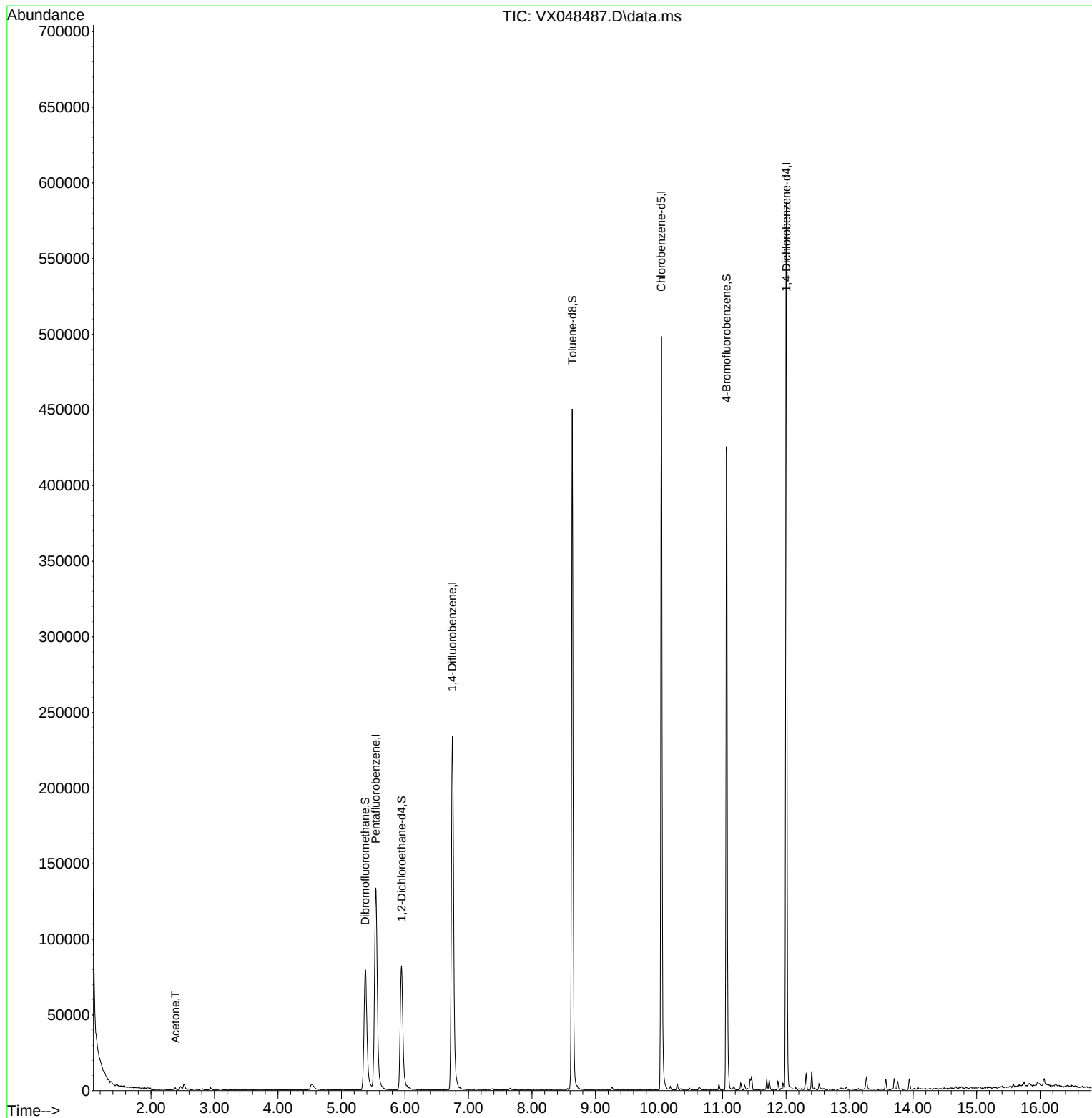
Internal Standards						
1) Pentafluorobenzene	5.537	168	143052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	276309	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	250510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	135386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	90056	43.774	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.540%
35) Dibromofluoromethane	5.373	113	80177	50.895	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.780%
50) Toluene-d8	8.634	98	284823	40.958	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	81.920%#
62) 4-Bromofluorobenzene	11.061	95	128977	49.581	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.160%
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	1746	3.745	ug/l #	84

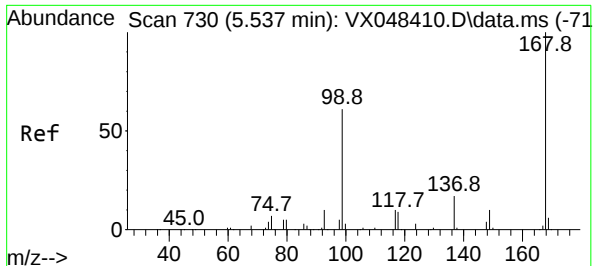
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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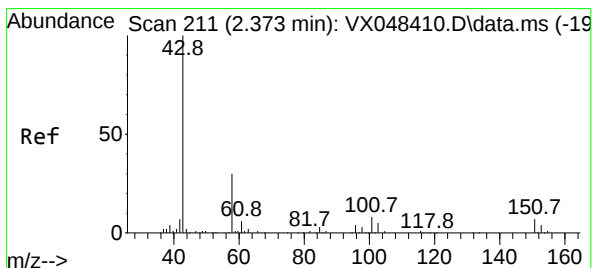
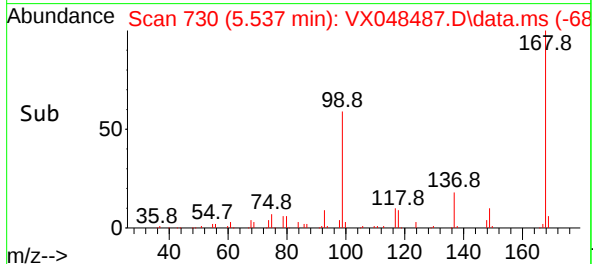
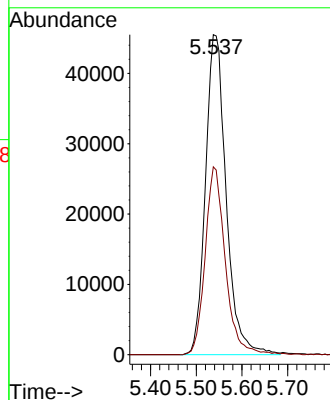
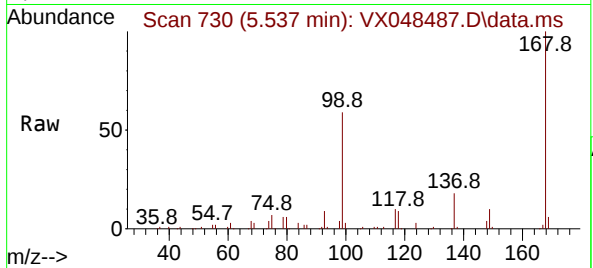




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX048487.D
Acq: 04 Nov 2025 16:43

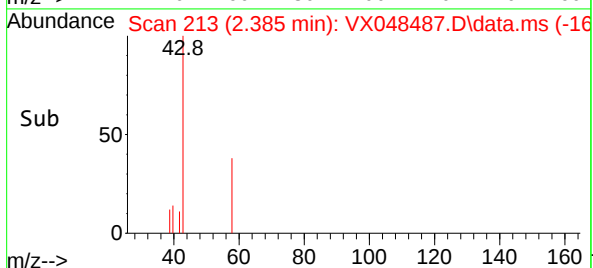
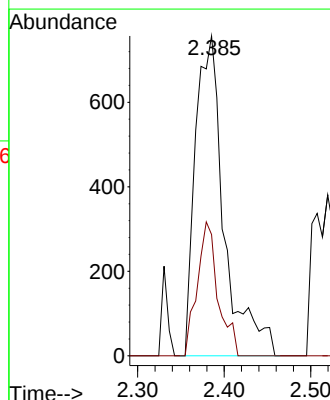
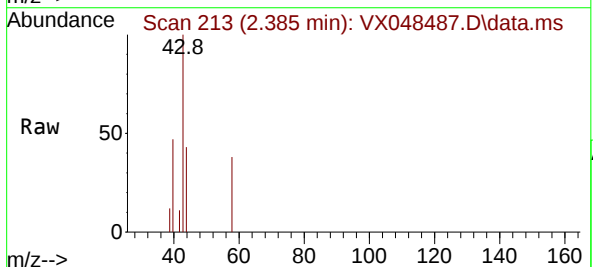
Instrument :
MSVOA_X
ClientSampleId :
N48969

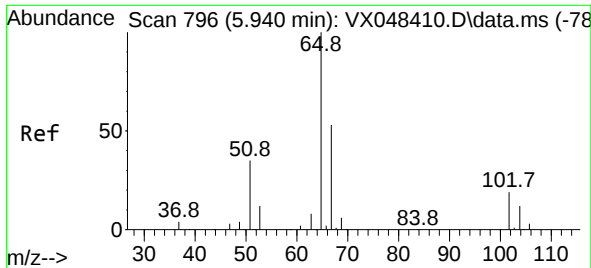
Tgt Ion:168 Resp: 143052
Ion Ratio Lower Upper
168 100
99 58.7 46.4 69.6



#16
Acetone
Concen: 3.745 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX048487.D
Acq: 04 Nov 2025 16:43

Tgt Ion: 43 Resp: 1746
Ion Ratio Lower Upper
43 100
58 37.9 23.4 35.2#

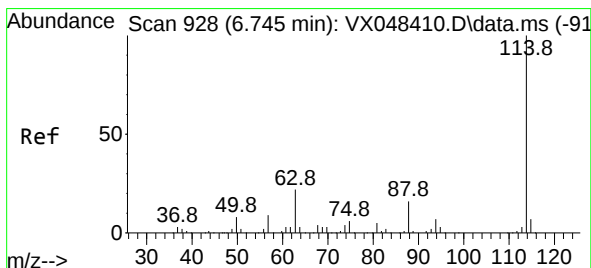
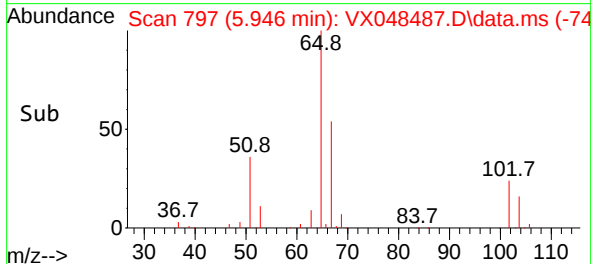
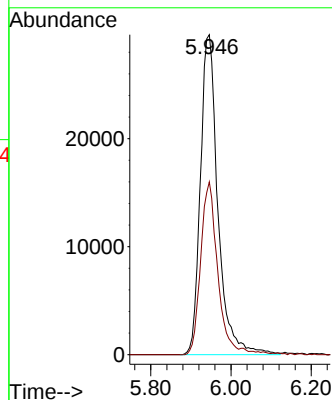
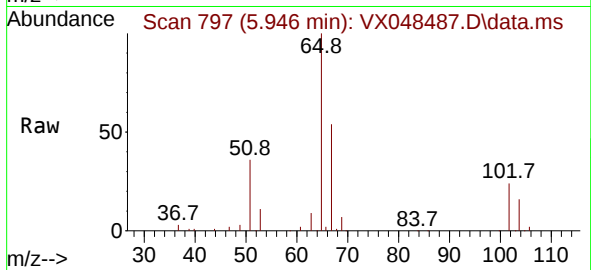




#33
 1,2-Dichloroethane-d4
 Concen: 43.774 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX048487.D
 Acq: 04 Nov 2025 16:43

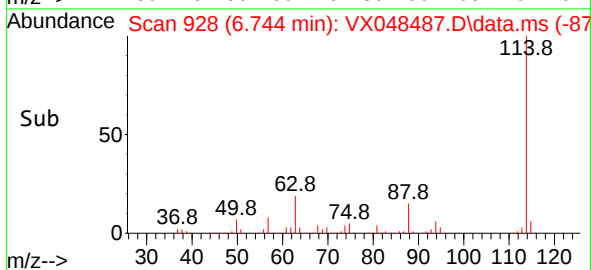
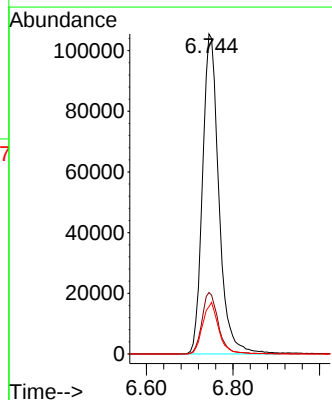
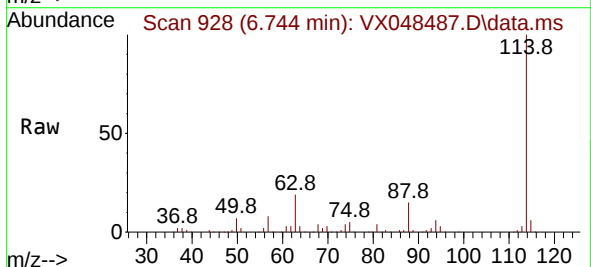
Instrument :
 MSVOA_X
 ClientSampleId :
 N48969

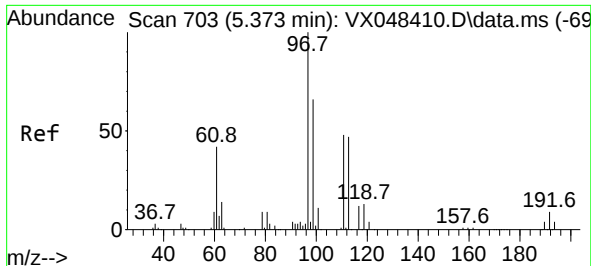
Tgt Ion: 65 Resp: 90056
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.744 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048487.D
 Acq: 04 Nov 2025 16:43

Tgt Ion: 114 Resp: 276309
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.2
 88 14.8 0.0 33.6

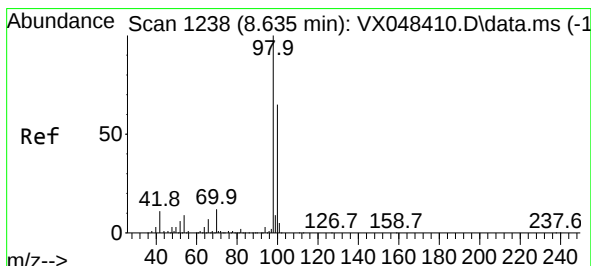
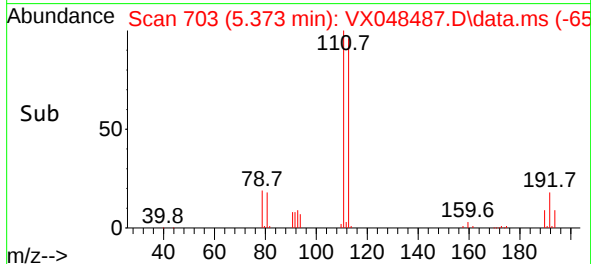
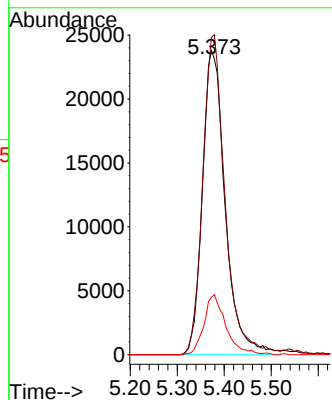
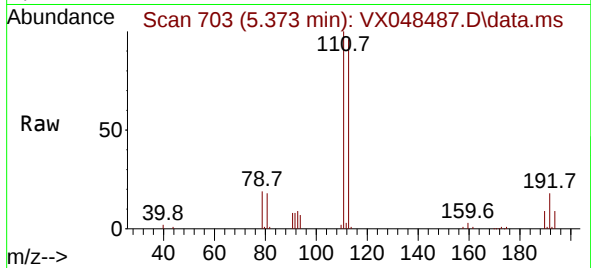




#35
Dibromofluoromethane
Concen: 50.895 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048487.D
Acq: 04 Nov 2025 16:43

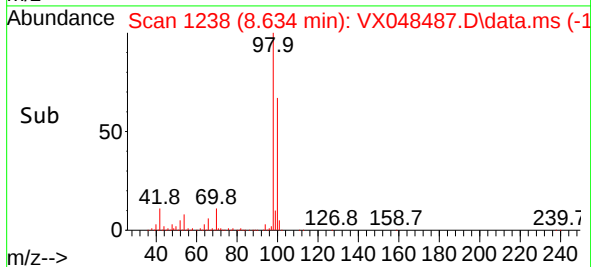
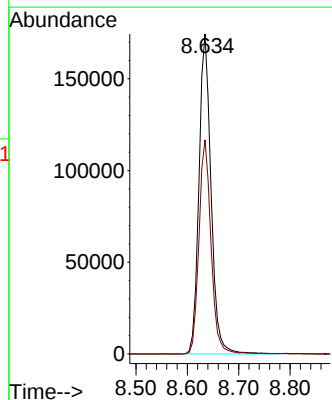
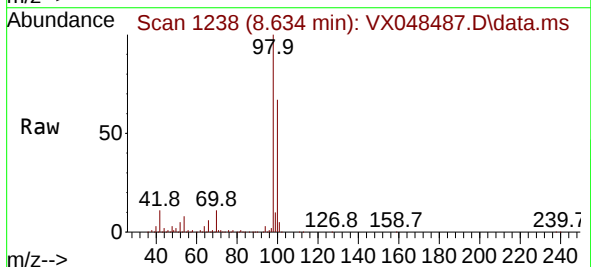
Instrument :
MSVOA_X
ClientSampleId :
N48969

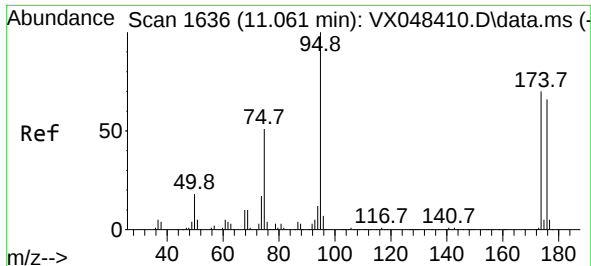
Tgt Ion:113 Resp: 80177
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 18.8 15.1 22.7



#50
Toluene-d8
Concen: 40.958 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048487.D
Acq: 04 Nov 2025 16:43

Tgt Ion: 98 Resp: 284823
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4

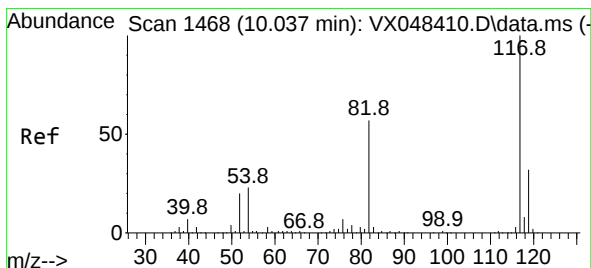
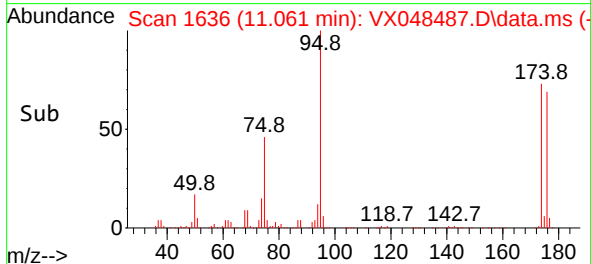
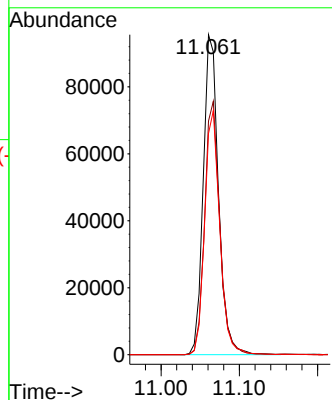
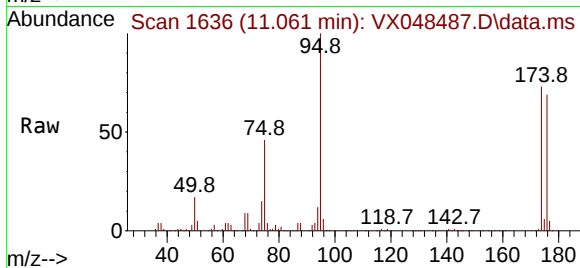




#62
4-Bromofluorobenzene
Concen: 49.581 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048487.D
Acq: 04 Nov 2025 16:43

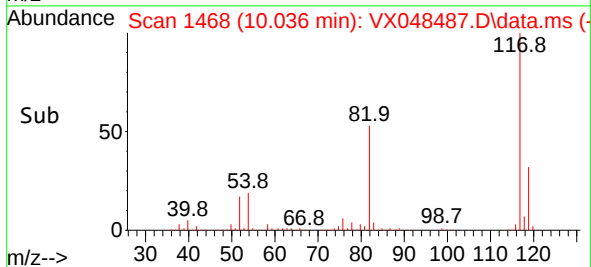
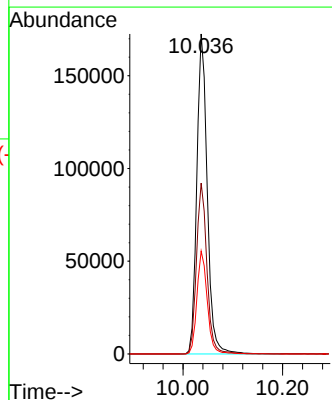
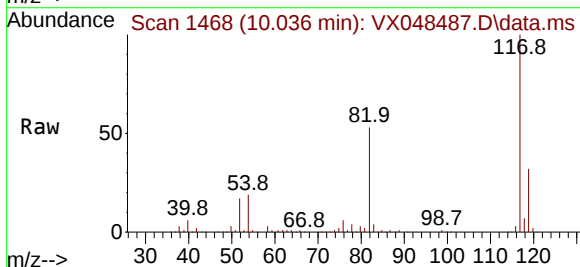
Instrument :
MSVOA_X
ClientSampleId :
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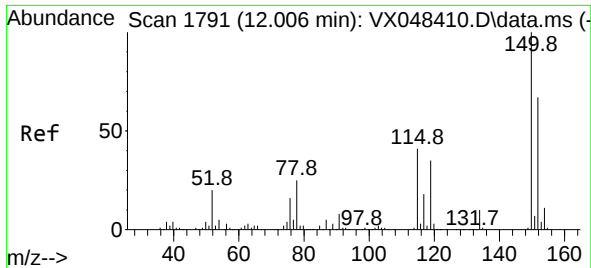
Tgt Ion: 95 Resp: 128977
Ion Ratio Lower Upper
95 100
174 78.8 0.0 147.8
176 75.7 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048487.D
Acq: 04 Nov 2025 16:43

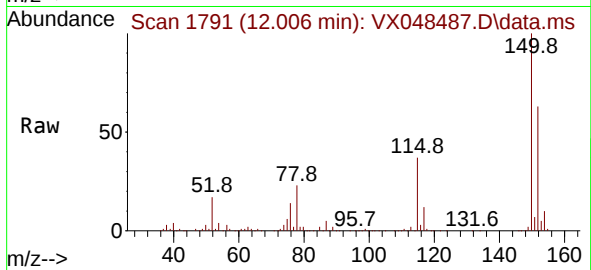
Tgt Ion: 117 Resp: 250510
Ion Ratio Lower Upper
117 100
82 53.4 46.5 69.7
119 32.1 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048487.D
 Acq: 04 Nov 2025 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 135386
 Ion Ratio Lower Upper
 152 100
 115 59.6 43.1 129.4
 150 156.0 0.0 353.0

