

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110425\
 Data File : VX048483.D
 Acq On : 04 Nov 2025 14:50
 Operator : JC/MD
 Sample : Q3488-06
 Misc : 3.51g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-25-0311-0313

Quant Time: Nov 04 15:20:35 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)

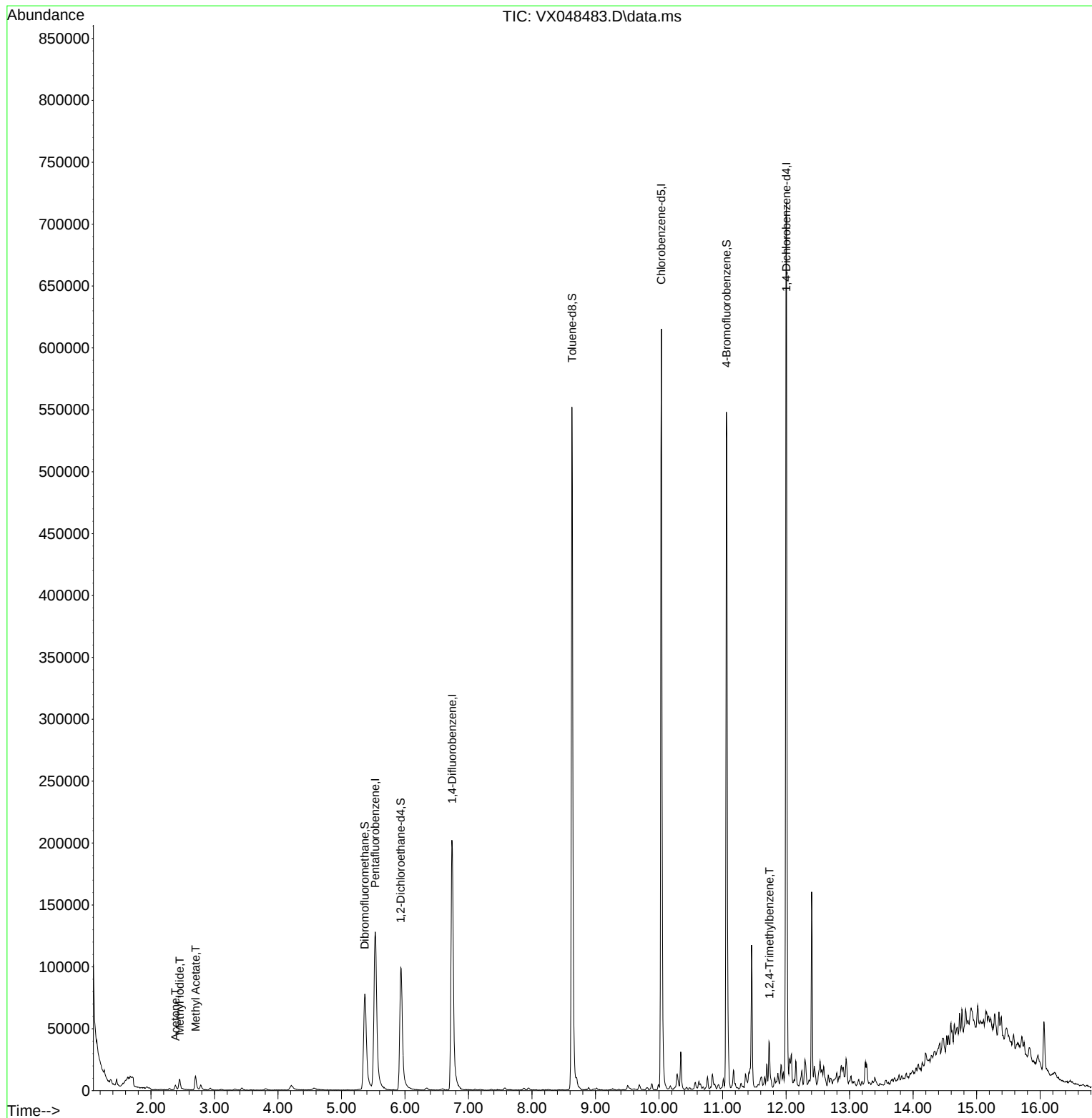
Internal Standards						
1) Pentafluorobenzene	5.531	168	135951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	247787	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	290909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	153533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	117121	59.903	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	119.800%#
35) Dibromofluoromethane	5.367	113	78555	55.605	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.220%
50) Toluene-d8	8.628	98	344849	55.299	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	110.600%
62) 4-Bromofluorobenzene	11.061	95	155427	66.626	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	133.260%#
Target Compounds						
						Qvalue
10) Methyl Iodide	2.453	142	11003	1.756	ug/l	97
16) Acetone	2.386	43	4950	11.170	ug/l #	89
18) Methyl Acetate	2.703	43	15870	10.708	ug/l	96
84) 1,2,4-Trimethylbenzene	11.738	105	16470	1.787	ug/l	99

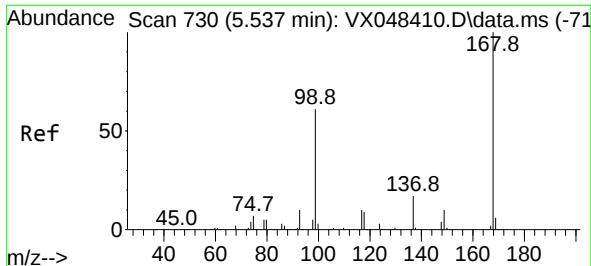
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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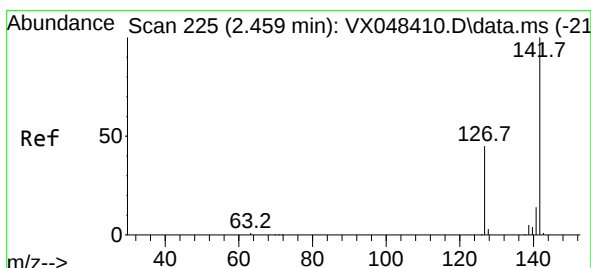
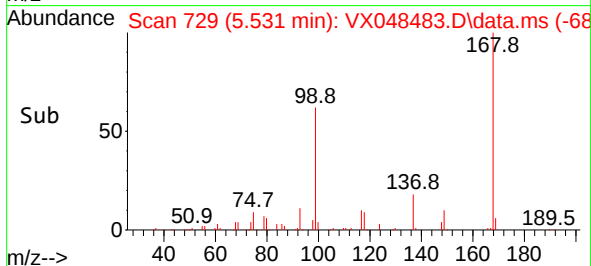
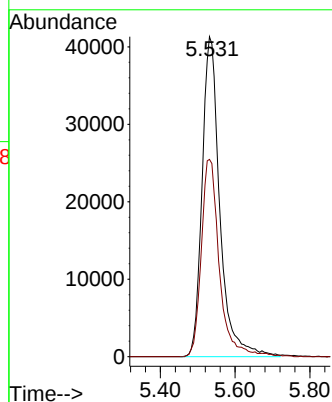
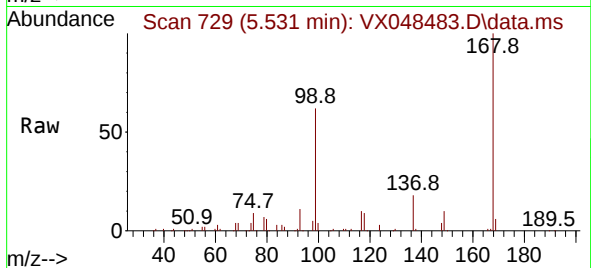




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048483.D
Acq: 04 Nov 2025 14:50

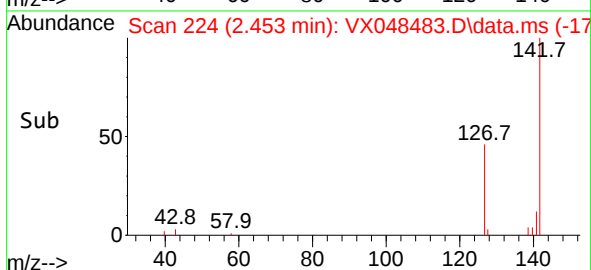
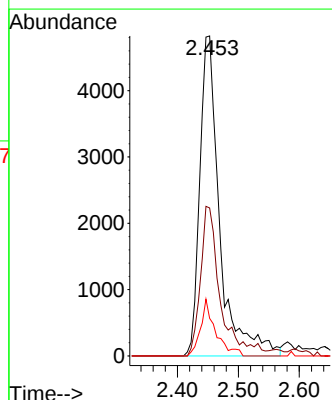
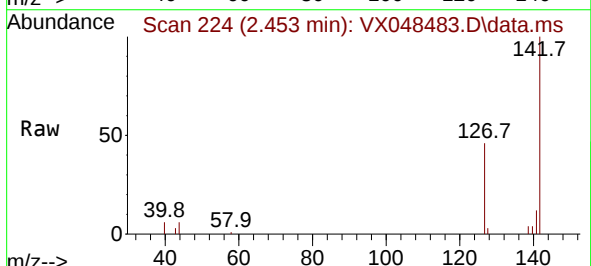
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0311-0313

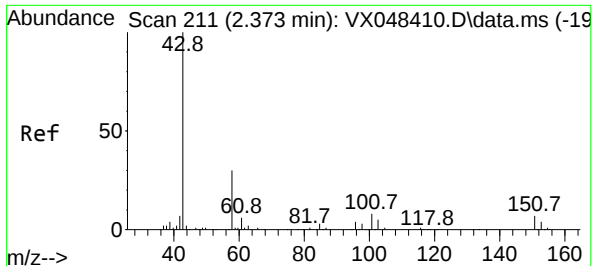
Tgt Ion:168 Resp: 135951
Ion Ratio Lower Upper
168 100
99 61.6 46.4 69.6



#10
Methyl Iodide
Concen: 1.756 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048483.D
Acq: 04 Nov 2025 14:50

Tgt Ion:142 Resp: 11003
Ion Ratio Lower Upper
142 100
127 46.1 38.5 57.7
141 13.4 11.6 17.4

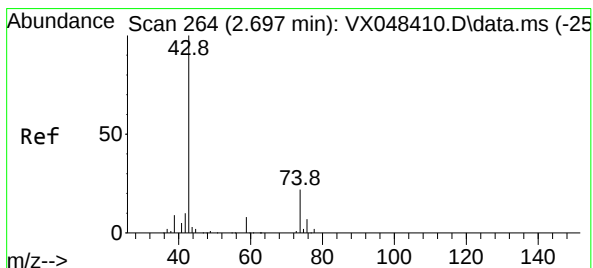
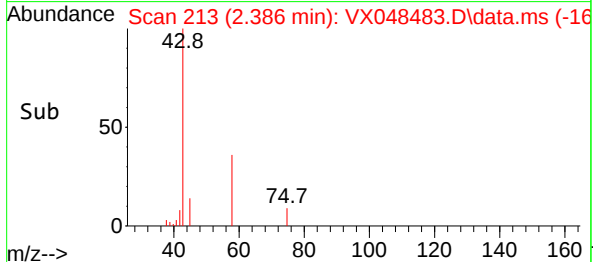
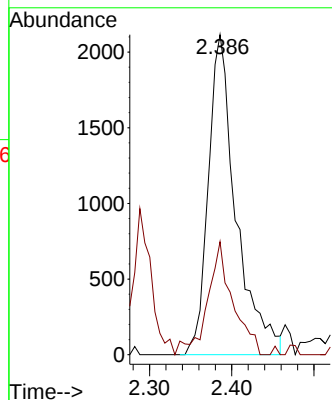
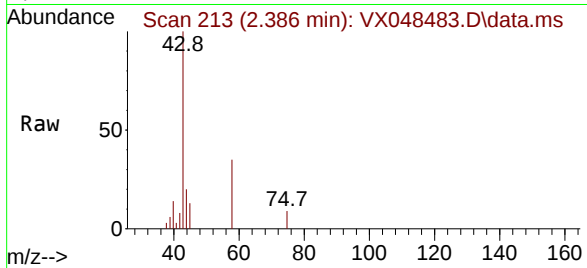




#16
Acetone
Concen: 11.170 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX048483.D
Acq: 04 Nov 2025 14:50

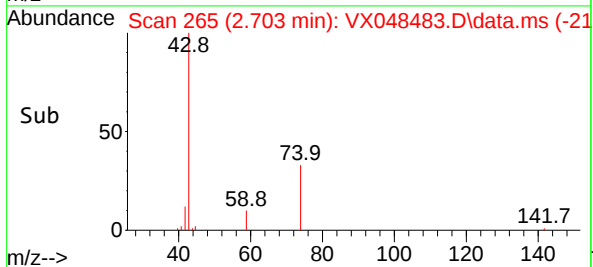
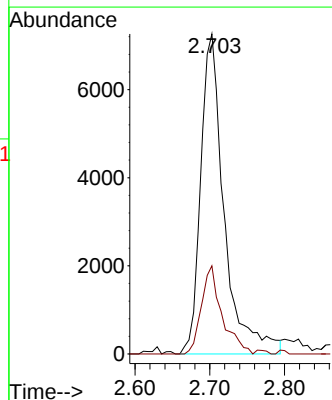
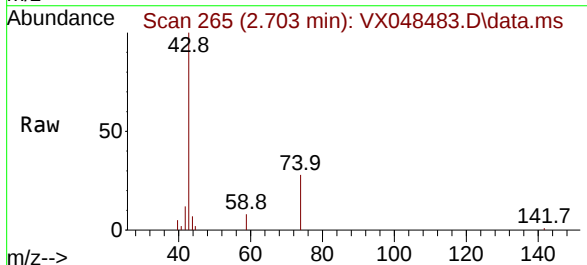
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0311-0313

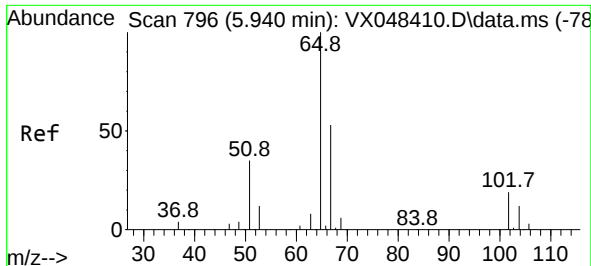
Tgt Ion: 43 Resp: 4950
Ion Ratio Lower Upper
43 100
58 35.3 23.4 35.2#



#18
Methyl Acetate
Concen: 10.708 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048483.D
Acq: 04 Nov 2025 14:50

Tgt Ion: 43 Resp: 15870
Ion Ratio Lower Upper
43 100
74 24.0 17.5 26.3





#33

1,2-Dichloroethane-d4

Concen: 59.903 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX048483.D

Acq: 04 Nov 2025 14:50

Instrument :

MSVOA_X

ClientSampleId :

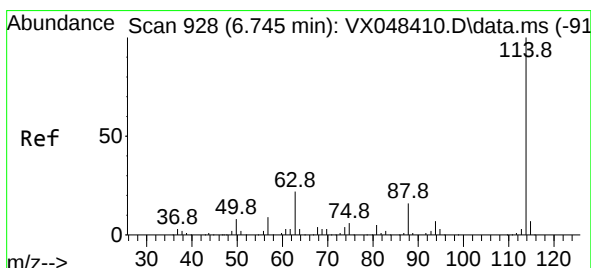
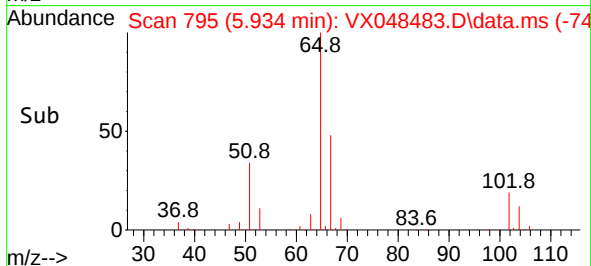
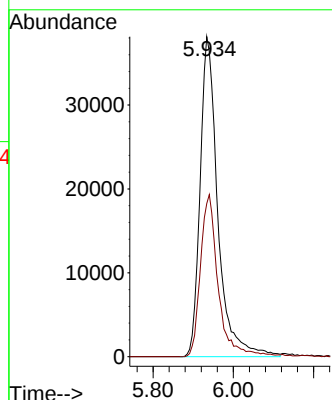
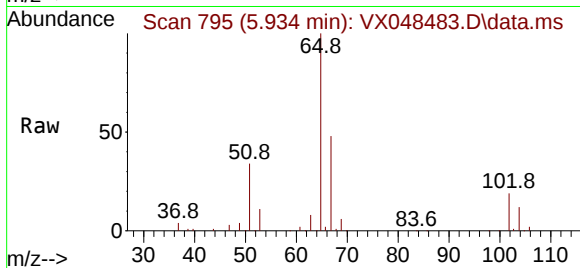
MOO-25-0311-0313

Tgt Ion: 65 Resp: 117121

Ion Ratio Lower Upper

65 100

67 50.5 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX048483.D

Acq: 04 Nov 2025 14:50

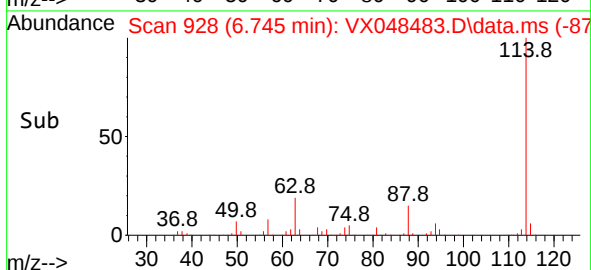
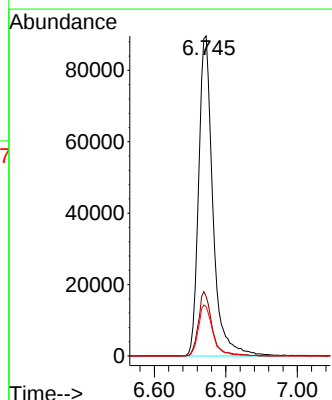
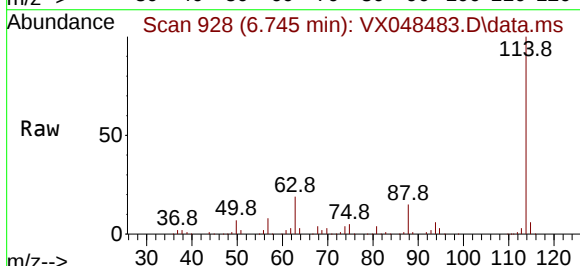
Tgt Ion: 114 Resp: 247787

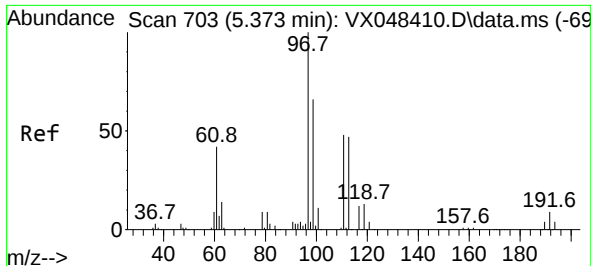
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.4 0.0 33.6

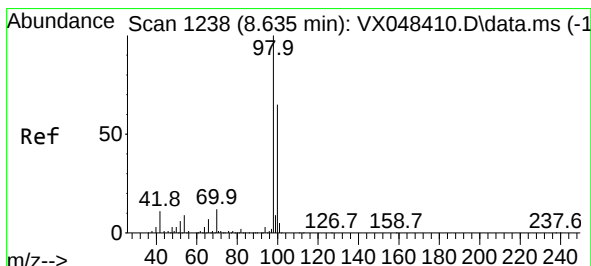
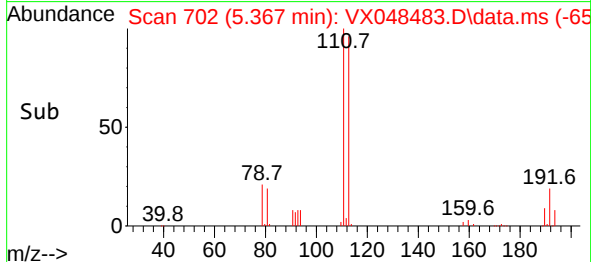
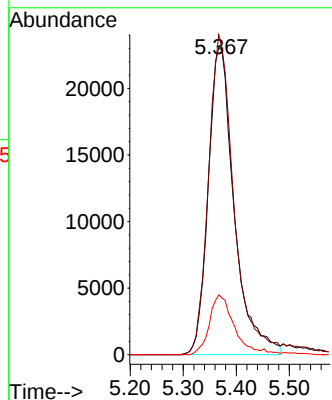
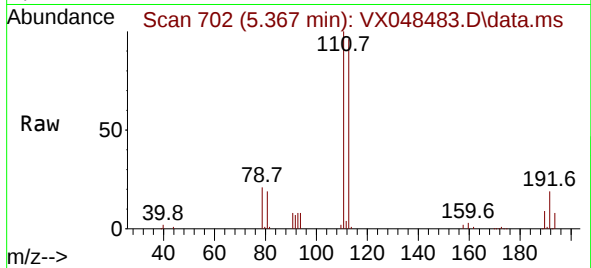




#35
 Dibromofluoromethane
 Concen: 55.605 ug/l
 RT: 5.367 min Scan# 703
 Delta R.T. -0.006 min
 Lab File: VX048483.D
 Acq: 04 Nov 2025 14:50

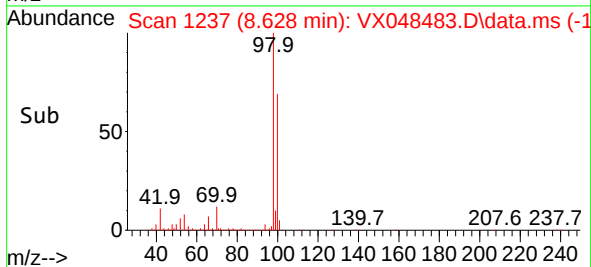
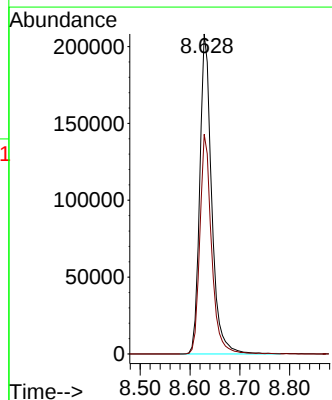
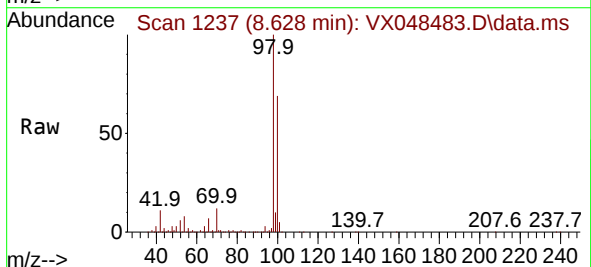
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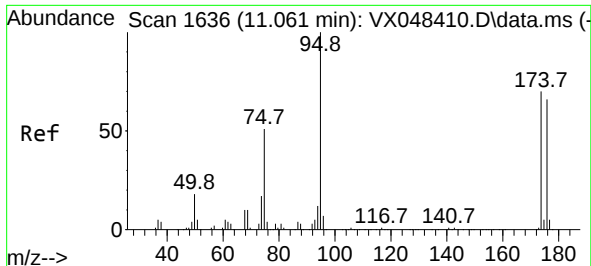
Tgt Ion:113 Resp: 78555
 Ion Ratio Lower Upper
 113 100
 111 106.2 82.2 123.4
 192 18.7 15.1 22.7



#50
 Toluene-d8
 Concen: 55.299 ug/l
 RT: 8.628 min Scan# 1237
 Delta R.T. -0.006 min
 Lab File: VX048483.D
 Acq: 04 Nov 2025 14:50

Tgt Ion: 98 Resp: 344849
 Ion Ratio Lower Upper
 98 100
 100 67.7 53.0 79.4

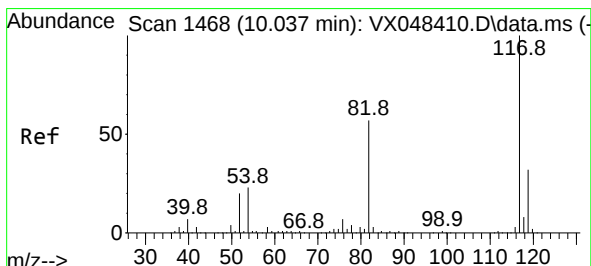
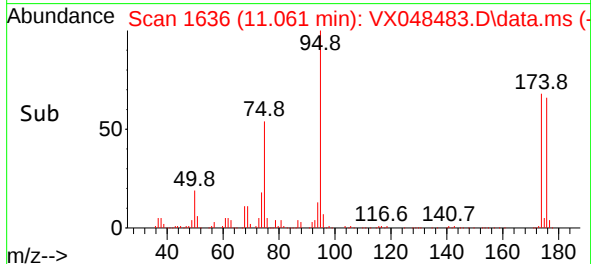
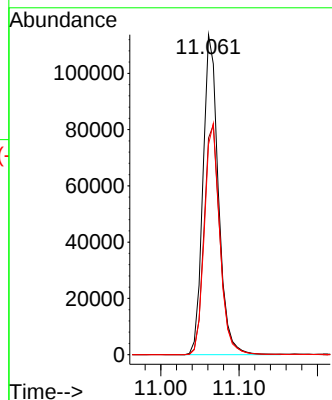
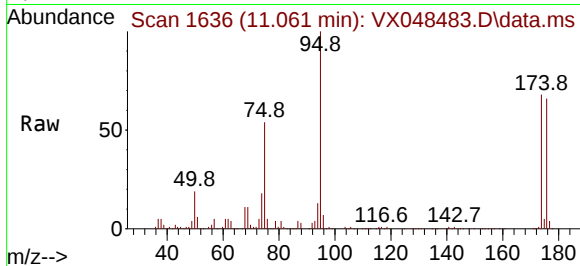




#62
4-Bromofluorobenzene
Concen: 66.626 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048483.D
Acq: 04 Nov 2025 14:50

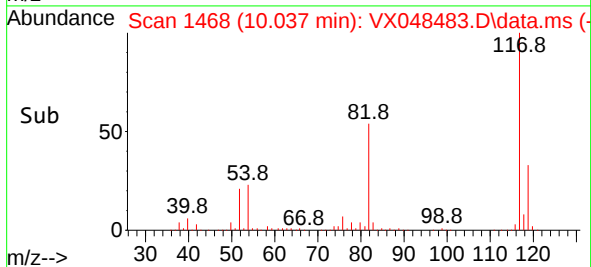
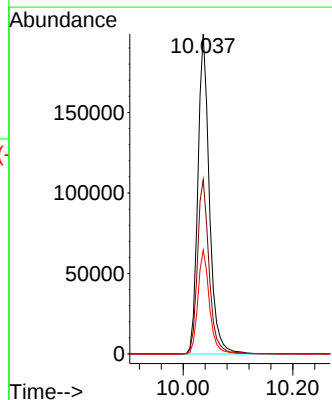
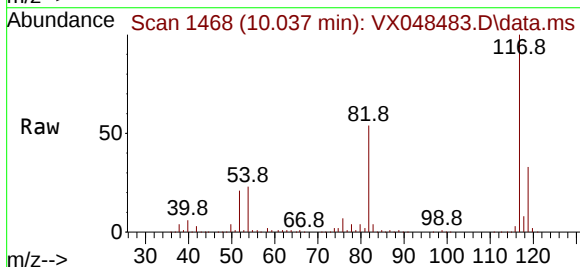
Instrument :
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ClientSampleId :
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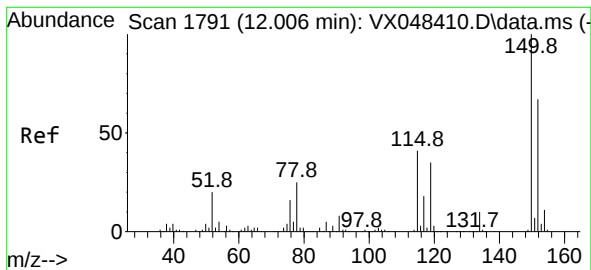
Tgt Ion: 95 Resp: 155427
Ion Ratio Lower Upper
95 100
174 73.7 0.0 147.8
176 72.3 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048483.D
Acq: 04 Nov 2025 14:50

Tgt Ion: 117 Resp: 290909
Ion Ratio Lower Upper
117 100
82 54.5 46.5 69.7
119 32.5 25.9 38.9

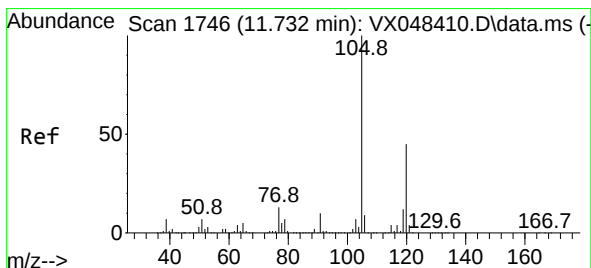
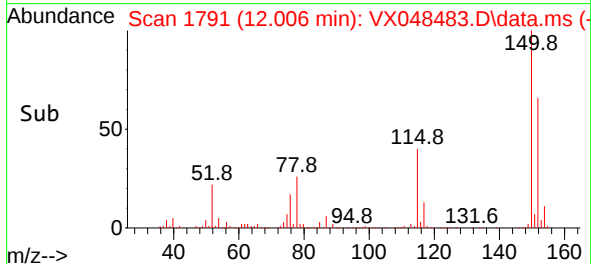
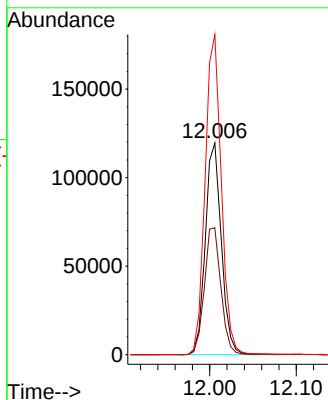
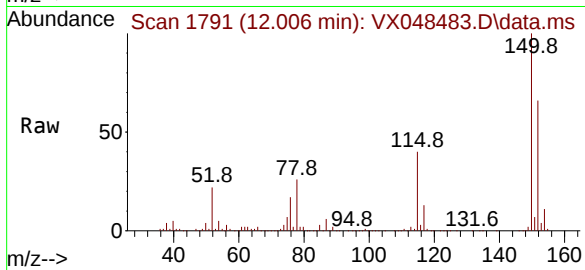




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048483.D
Acq: 04 Nov 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0311-0313

Tgt Ion:152 Resp: 153533
Ion Ratio Lower Upper
152 100
115 61.9 43.1 129.4
150 153.1 0.0 353.0



#84
1,2,4-Trimethylbenzene
Concen: 1.787 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048483.D
Acq: 04 Nov 2025 14:50

Tgt Ion:105 Resp: 16470
Ion Ratio Lower Upper
105 100
120 44.9 22.1 66.5

