

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110425\
 Data File : VX048479.D
 Acq On : 04 Nov 2025 13:21
 Operator : JC/MD
 Sample : Q3488-06 10X
 Misc : 3.51g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 04 14:29:13 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)

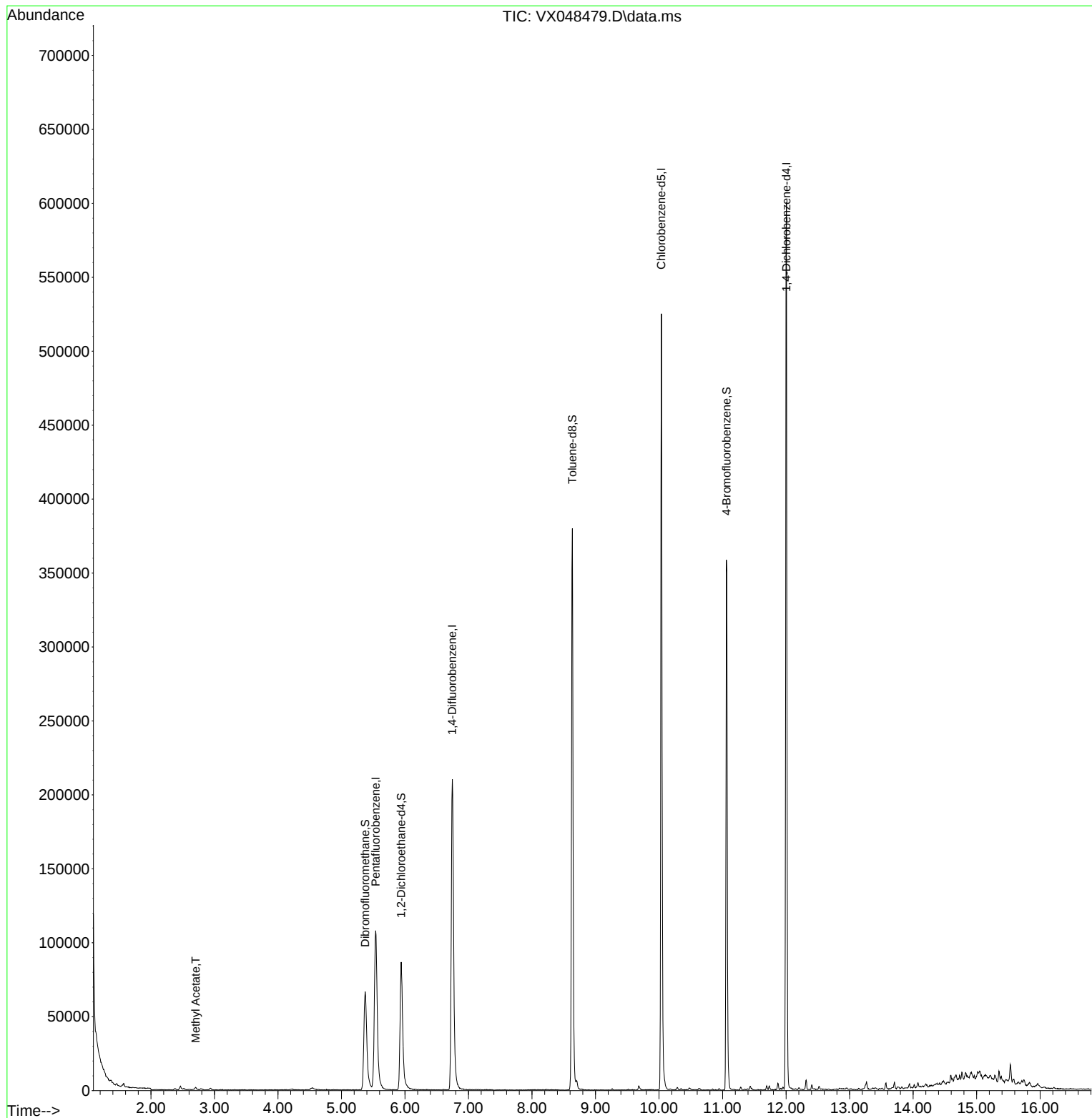
Internal Standards						
1) Pentafluorobenzene	5.538	168	112086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	251158	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	125837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	97353	60.394	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	120.780%#
35) Dibromofluoromethane	5.373	113	67407	47.074	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.140%
50) Toluene-d8	8.635	98	249277	39.437	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	78.880%#
62) 4-Bromofluorobenzene	11.061	95	110971	46.931	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.860%
Target Compounds						
18) Methyl Acetate	2.703	43	2265	1.854	ug/l	Qvalue 95

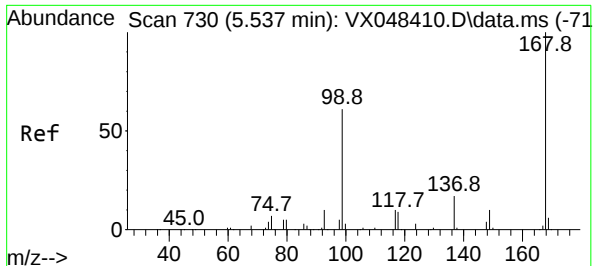
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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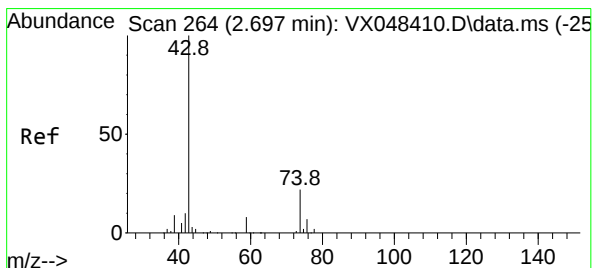
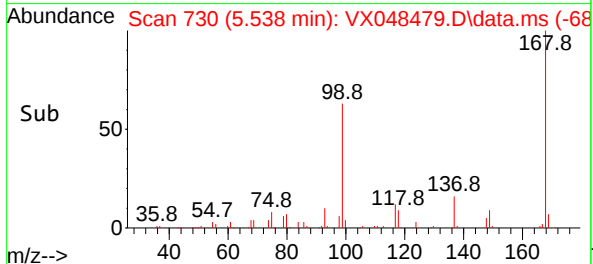
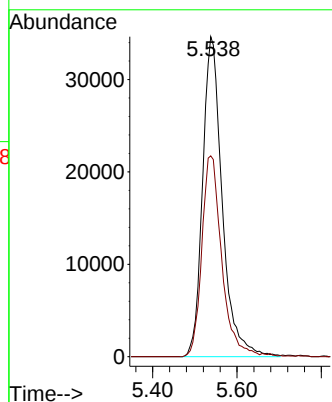
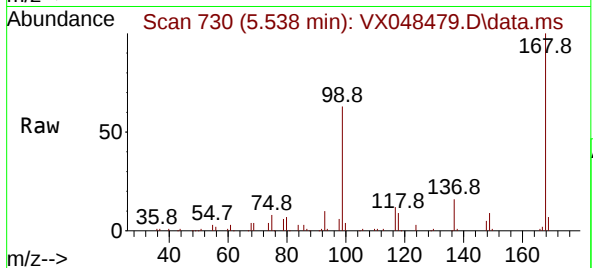




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX048479.D
Acq: 04 Nov 2025 13:21

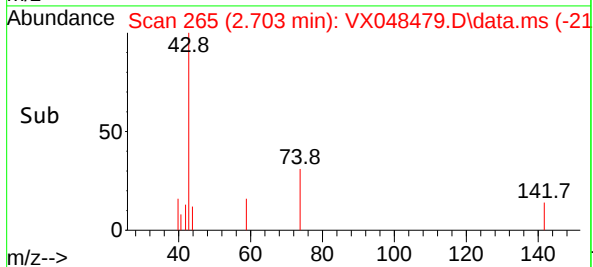
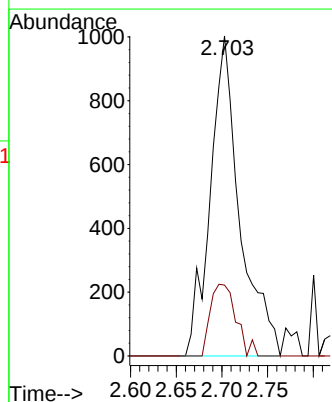
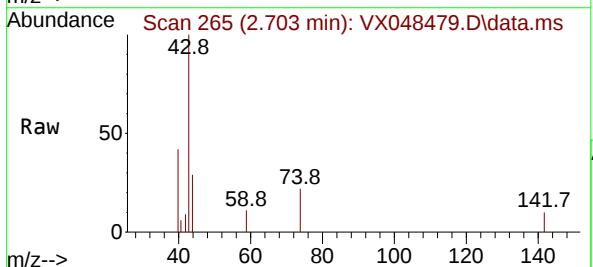
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0311-0313

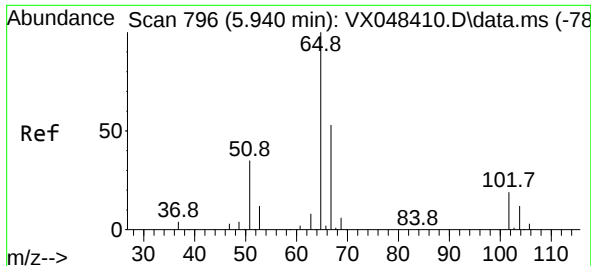
Tgt Ion:168 Resp: 112086
Ion Ratio Lower Upper
168 100
99 62.8 46.4 69.6



#18
Methyl Acetate
Concen: 1.854 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048479.D
Acq: 04 Nov 2025 13:21

Tgt Ion: 43 Resp: 2265
Ion Ratio Lower Upper
43 100
74 19.3 17.5 26.3

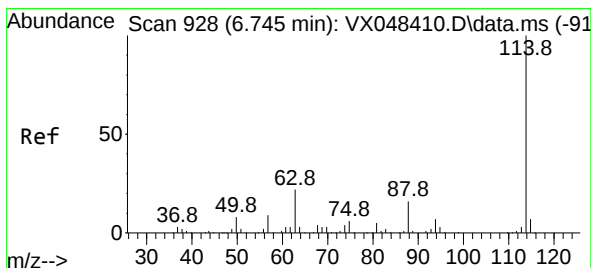
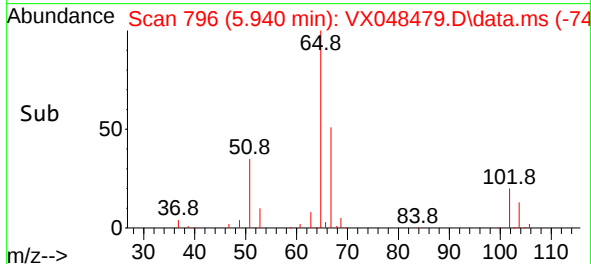
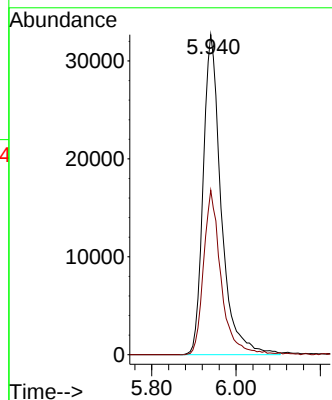
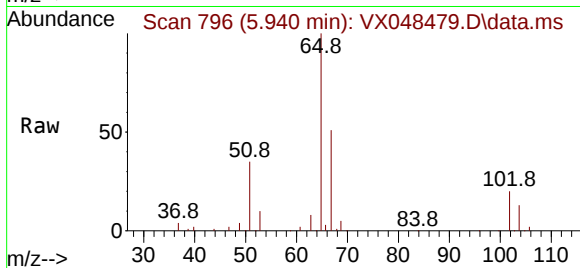




#33
 1,2-Dichloroethane-d4
 Concen: 60.394 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048479.D
 Acq: 04 Nov 2025 13:21

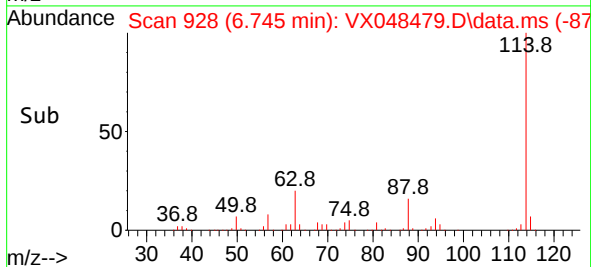
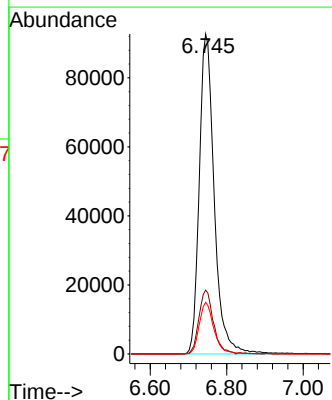
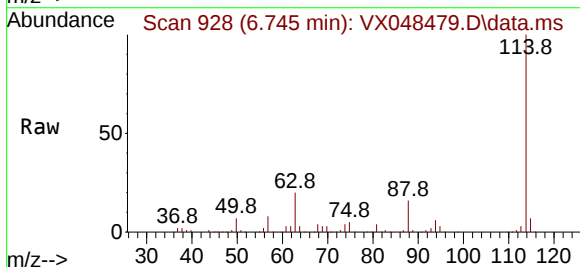
Instrument :
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 ClientSampleId :
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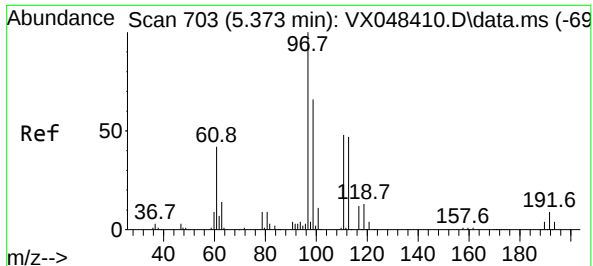
Tgt Ion: 65 Resp: 97353
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. 0.000 min
 Lab File: VX048479.D
 Acq: 04 Nov 2025 13:21

Tgt Ion: 114 Resp: 251158
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 43.2
 88 16.1 0.0 33.6

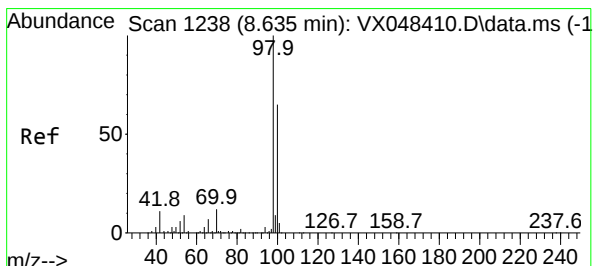
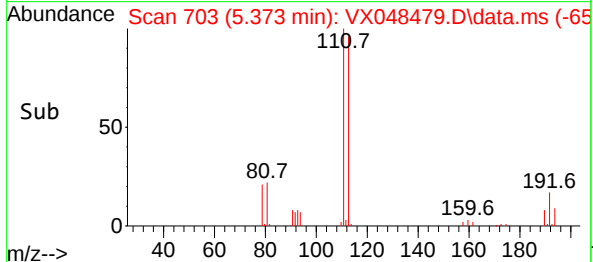
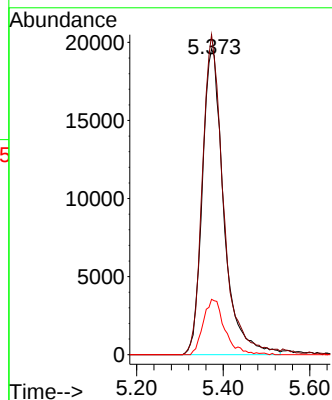
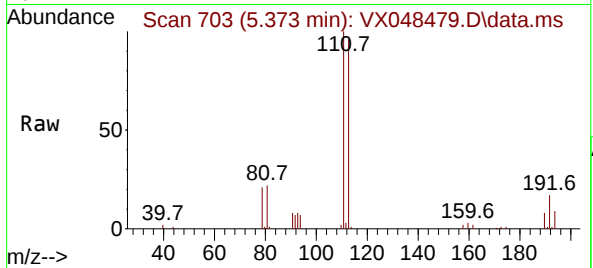




#35
Dibromofluoromethane
Concen: 47.074 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048479.D
Acq: 04 Nov 2025 13:21

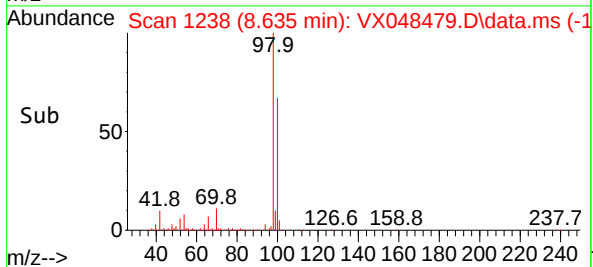
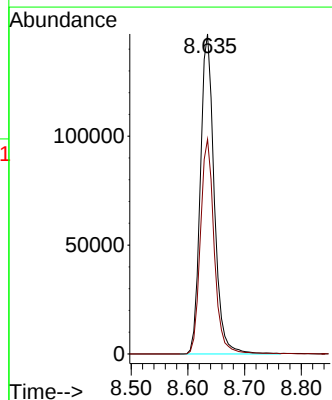
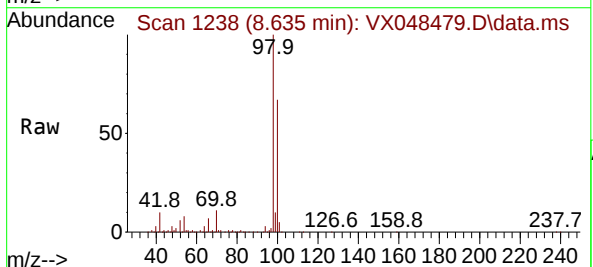
Instrument :
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MOO-25-0311-0313

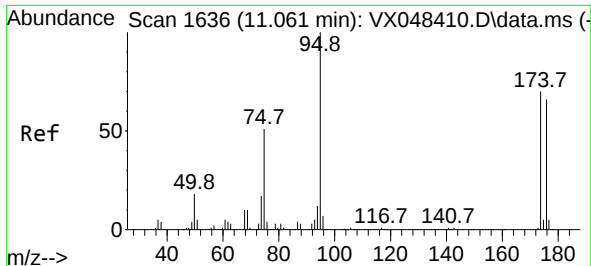
Tgt Ion:113 Resp: 67407
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 18.2 15.1 22.7



#50
Toluene-d8
Concen: 39.437 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048479.D
Acq: 04 Nov 2025 13:21

Tgt Ion: 98 Resp: 249277
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4

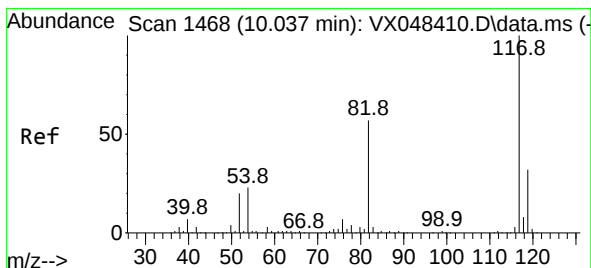
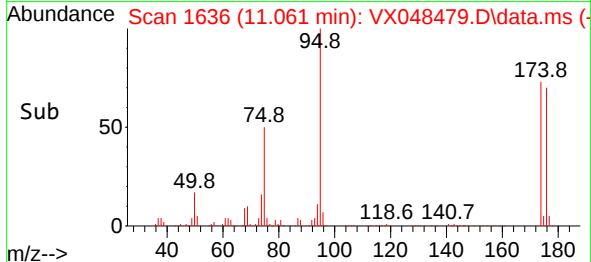
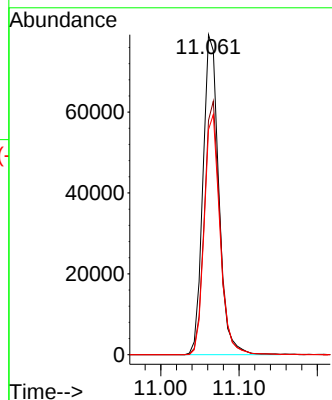
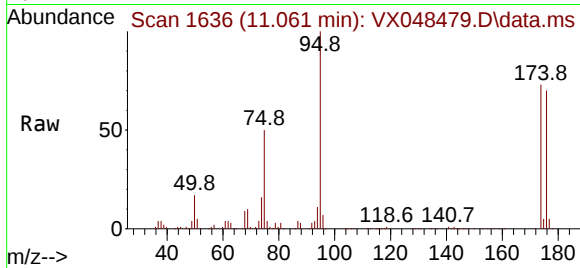




#62
4-Bromofluorobenzene
Concen: 46.931 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048479.D
Acq: 04 Nov 2025 13:21

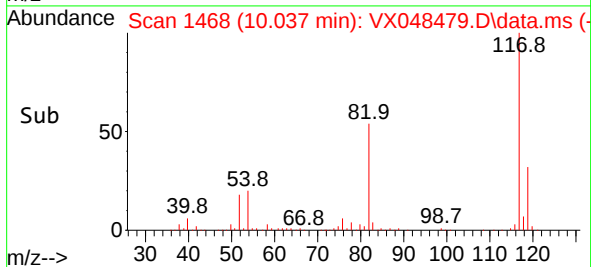
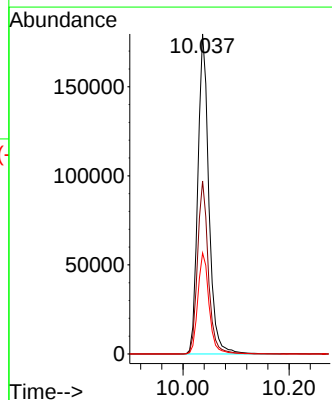
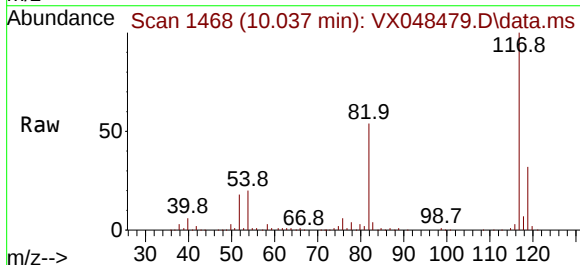
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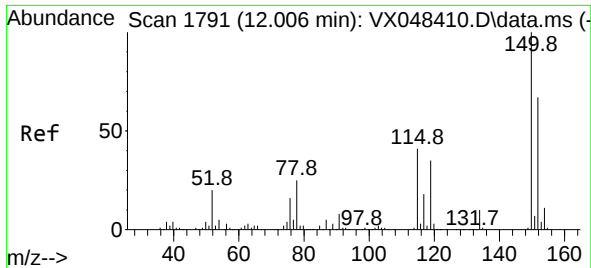
Tgt Ion: 95 Resp: 110971
Ion Ratio Lower Upper
95 100
174 78.9 0.0 147.8
176 74.8 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048479.D
Acq: 04 Nov 2025 13:21

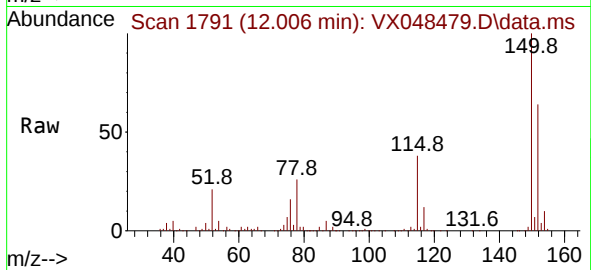
Tgt Ion: 117 Resp: 258836
Ion Ratio Lower Upper
117 100
82 54.1 46.5 69.7
119 31.5 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048479.D
 Acq: 04 Nov 2025 13:21

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



Tgt Ion:152 Resp: 125837
 Ion Ratio Lower Upper
 152 100
 115 61.6 43.1 129.4
 150 157.9 0.0 353.0

