

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110425\
 Data File : VX048478.D
 Acq On : 04 Nov 2025 13:00
 Operator : JC/MD
 Sample : Q3488-02 10X
 Misc : 3.75g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-25-0299

Quant Time: Nov 04 13:32:00 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)

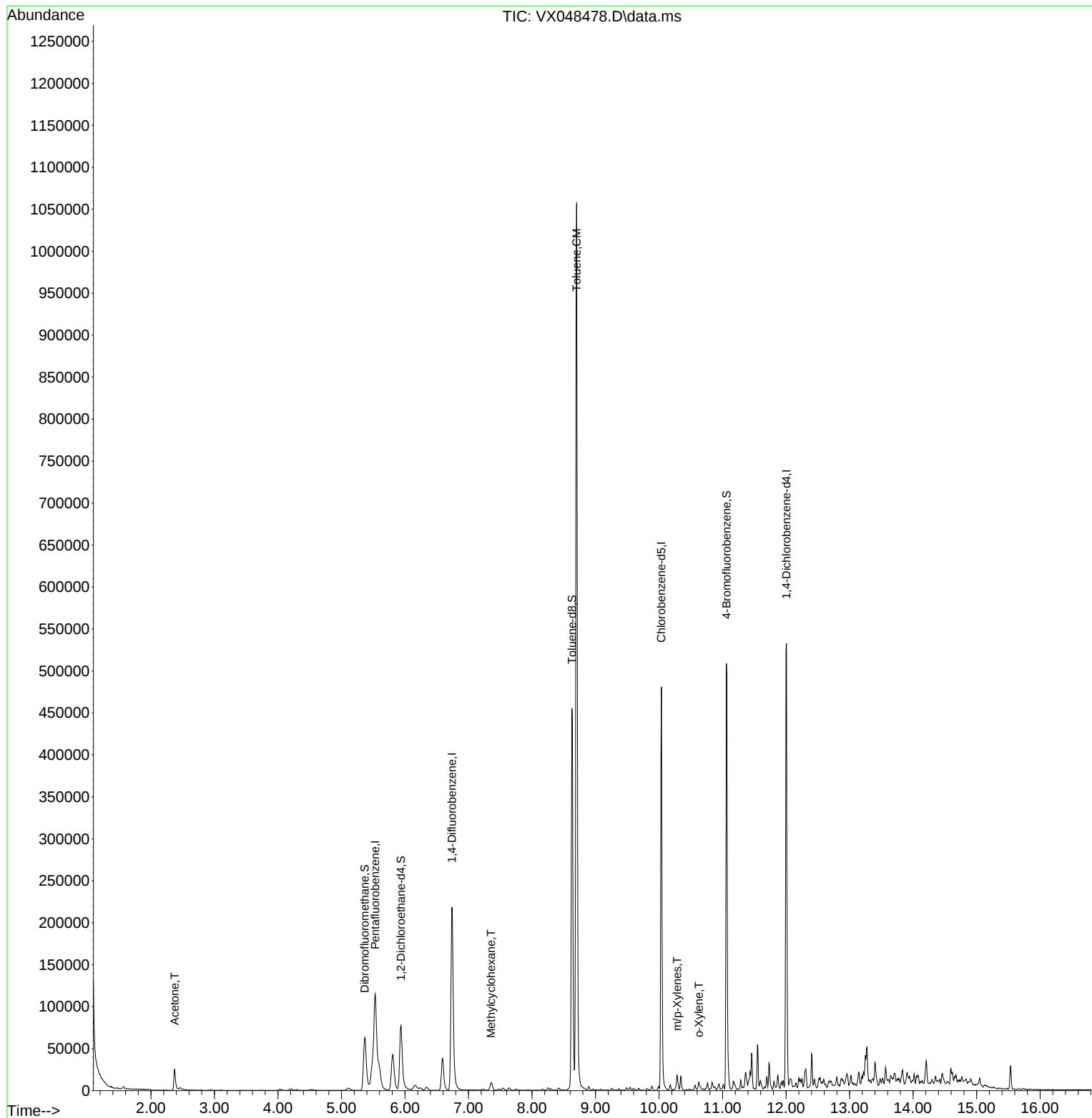
Internal Standards						
1) Pentafluorobenzene	5.532	168	119425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	259252	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	238910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	120572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	87308	50.834	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.660%
35) Dibromofluoromethane	5.367	113	65621	44.396	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.800%
50) Toluene-d8	8.629	98	308920	47.346	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.700%
62) 4-Bromofluorobenzene	11.061	95	145546	59.632	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.260%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	33495	86.047	ug/l	97
39) Methylcyclohexane	7.354	83	4260	1.335	ug/l #	77
52) Toluene	8.702	92	441480	93.172	ug/l	98
68) m/p-Xylenes	10.287	106	4611	1.314	ug/l	95
69) o-Xylene	10.628	106	2367	0.706	ug/l	89

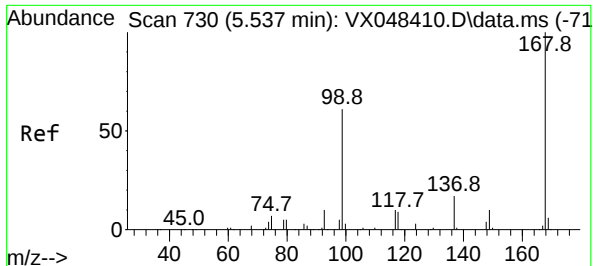
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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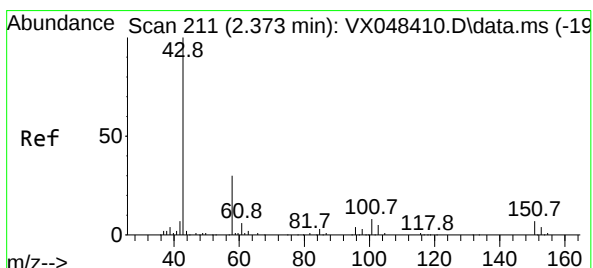
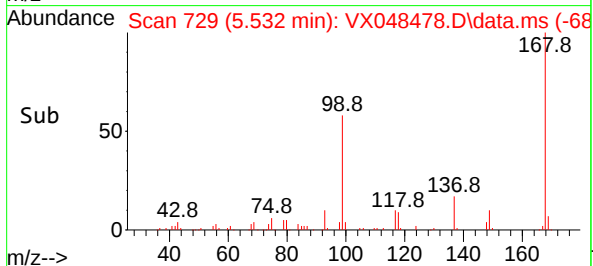
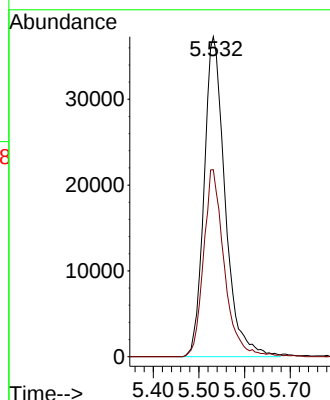
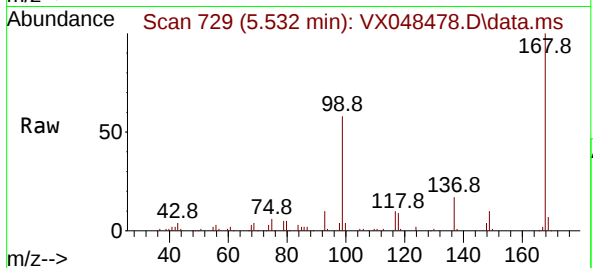




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX048478.D
Acq: 04 Nov 2025 13:00

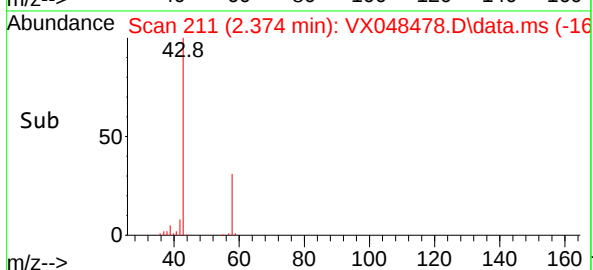
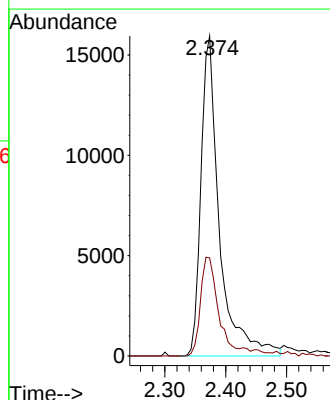
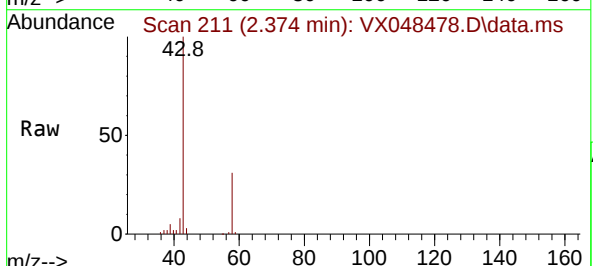
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0299

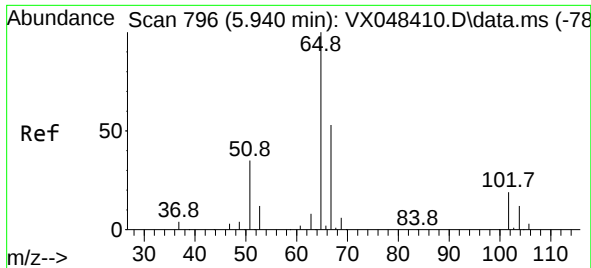
Tgt Ion:168 Resp: 119425
Ion Ratio Lower Upper
168 100
99 58.4 46.4 69.6



#16
Acetone
Concen: 86.047 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048478.D
Acq: 04 Nov 2025 13:00

Tgt Ion: 43 Resp: 33495
Ion Ratio Lower Upper
43 100
58 30.8 23.4 35.2

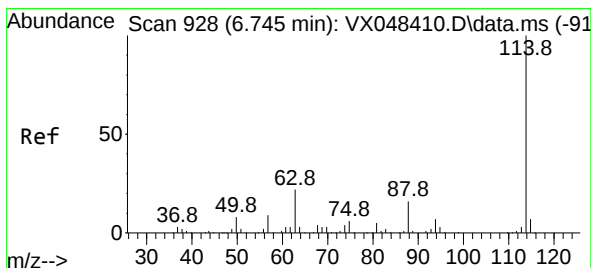
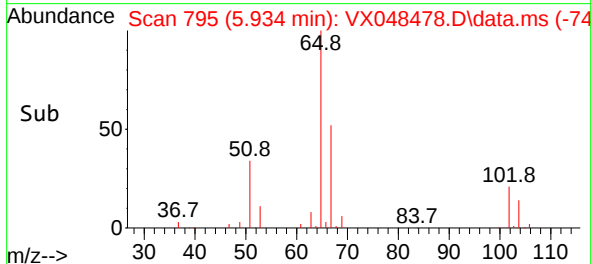
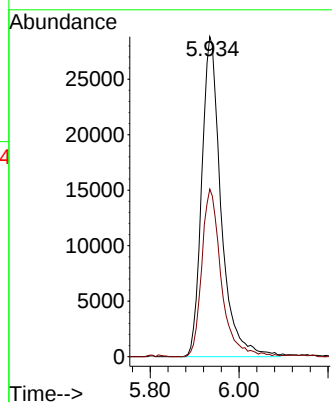
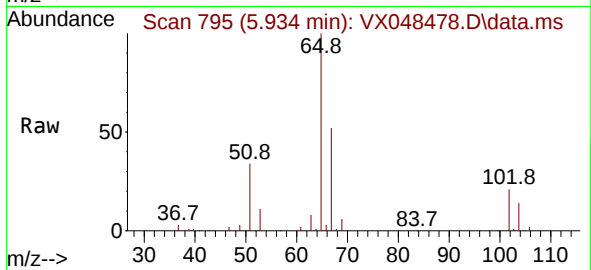




#33
 1,2-Dichloroethane-d4
 Concen: 50.834 ug/l
 RT: 5.934 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: VX048478.D
 Acq: 04 Nov 2025 13:00

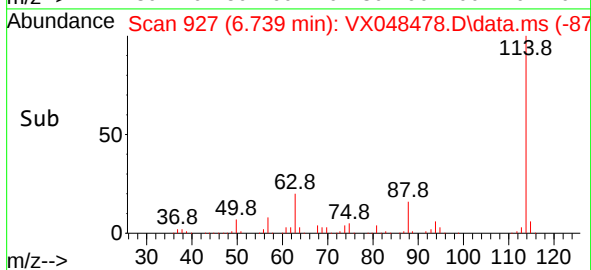
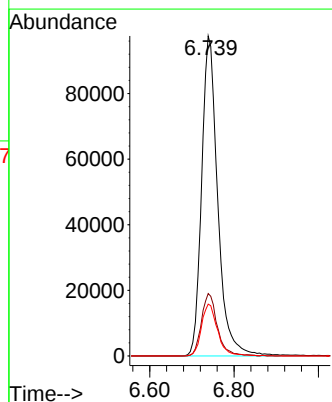
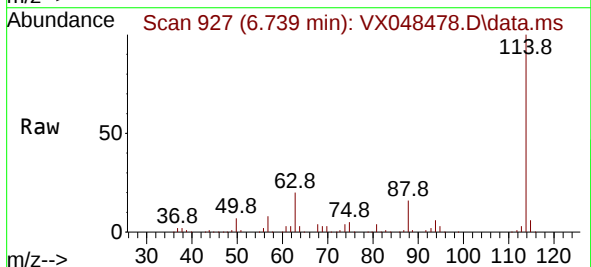
Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-25-0299

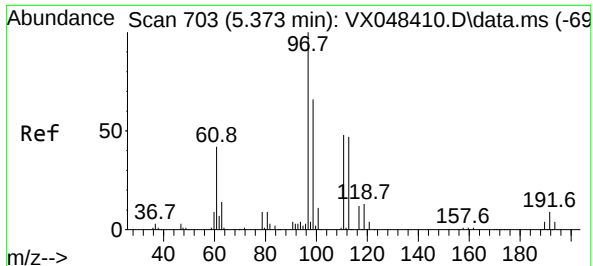
Tgt Ion: 65 Resp: 87308
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.739 min Scan# 927
 Delta R.T. -0.006 min
 Lab File: VX048478.D
 Acq: 04 Nov 2025 13:00

Tgt Ion: 114 Resp: 259252
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.2
 88 16.2 0.0 33.6





#35

Dibromofluoromethane

Concen: 44.396 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX048478.D

Acq: 04 Nov 2025 13:00

Instrument :

MSVOA_X

ClientSampleId :

MOO-25-0299

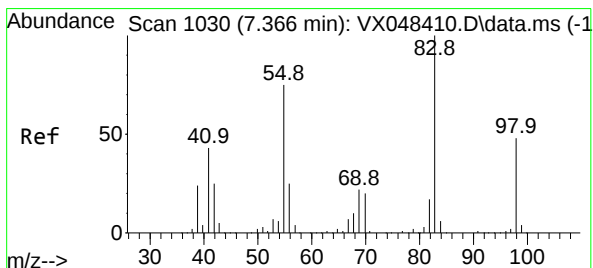
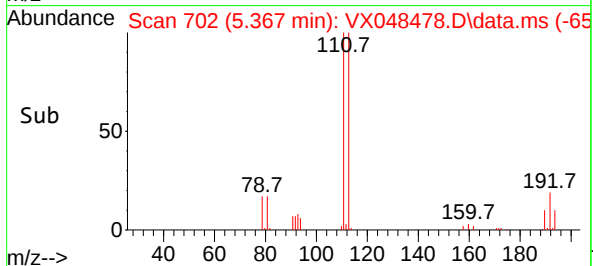
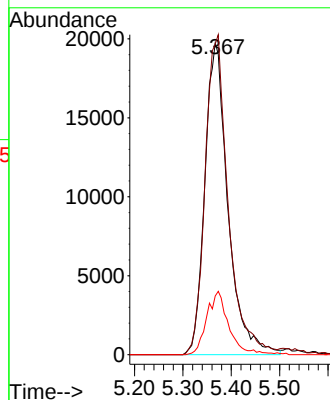
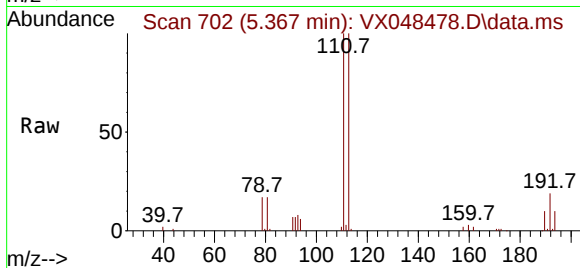
Tgt Ion:113 Resp: 65621

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 19.3 15.1 22.7



#39

Methylcyclohexane

Concen: 1.335 ug/l

RT: 7.354 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VX048478.D

Acq: 04 Nov 2025 13:00

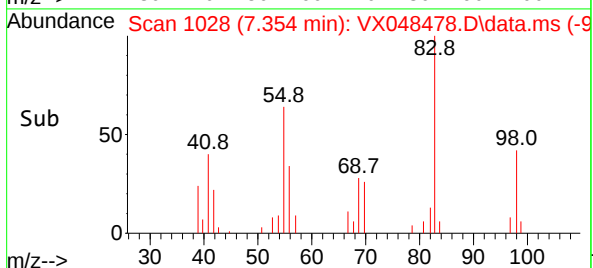
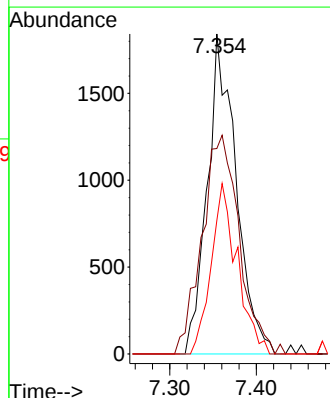
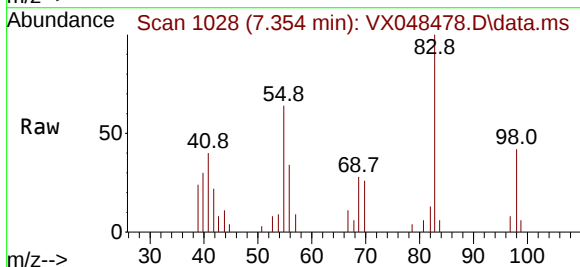
Tgt Ion: 83 Resp: 4260

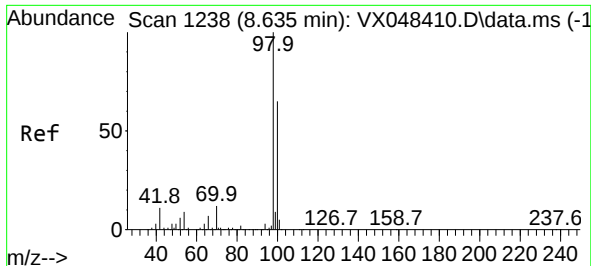
Ion Ratio Lower Upper

83 100

55 57.6 66.2 99.2#

98 39.3 38.9 58.3

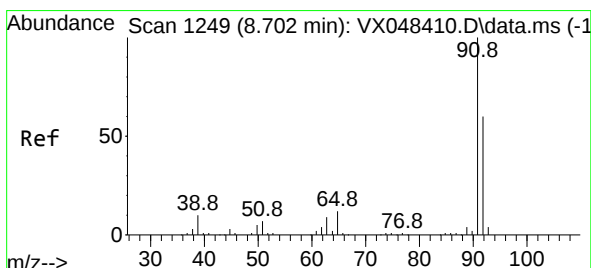
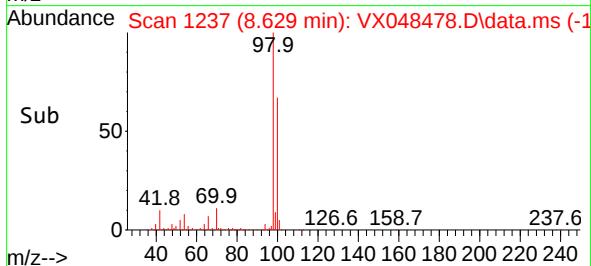
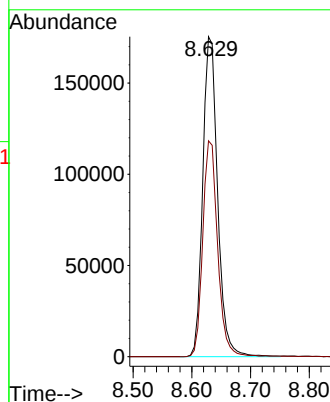
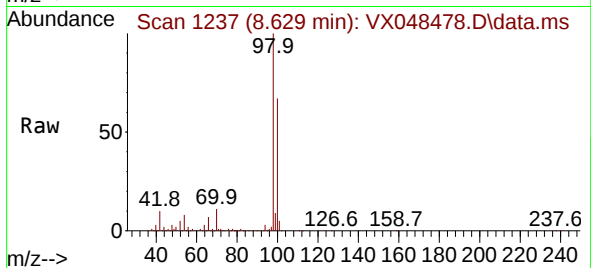




#50
Toluene-d8
Concen: 47.346 ug/l
RT: 8.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048478.D
Acq: 04 Nov 2025 13:00

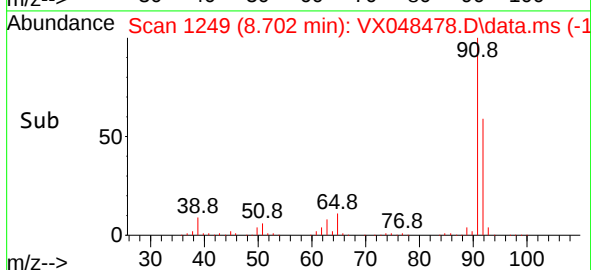
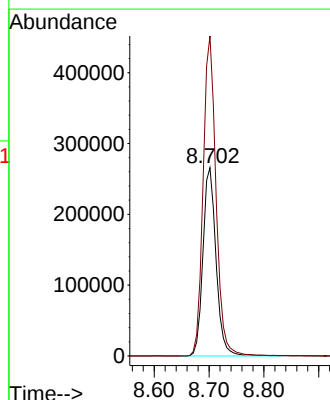
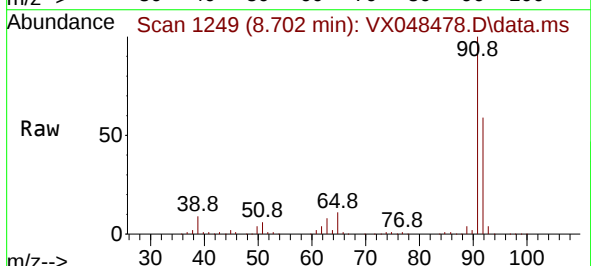
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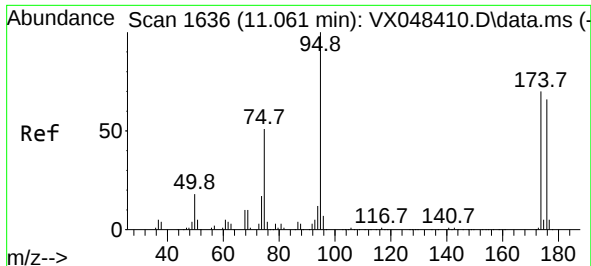
Tgt Ion: 98 Resp: 308920
Ion Ratio Lower Upper
98 100
100 67.7 53.0 79.4



#52
Toluene
Concen: 93.172 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048478.D
Acq: 04 Nov 2025 13:00

Tgt Ion: 92 Resp: 441480
Ion Ratio Lower Upper
92 100
91 167.5 136.1 204.1

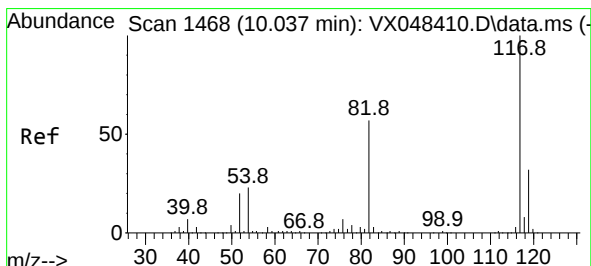
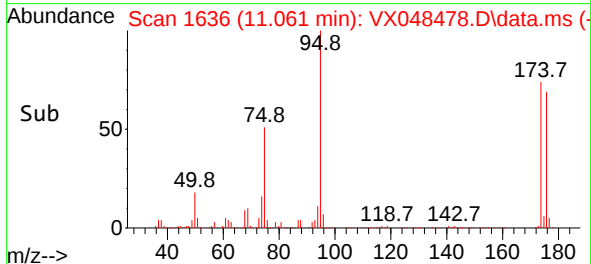
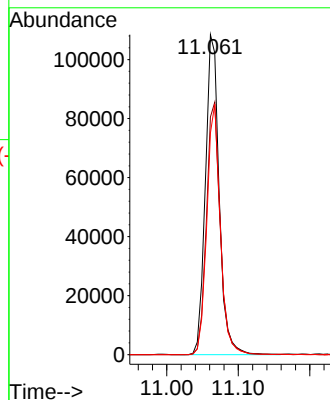
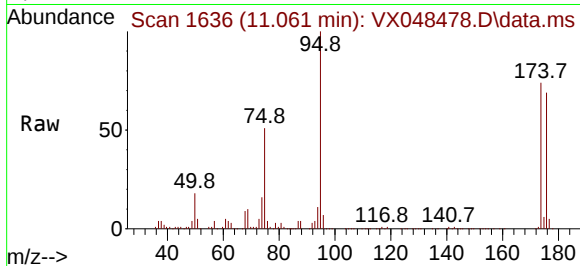




#62
4-Bromofluorobenzene
Concen: 59.632 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048478.D
Acq: 04 Nov 2025 13:00

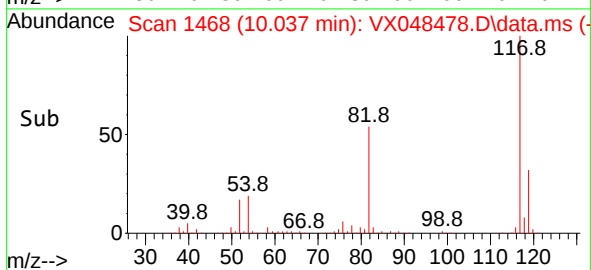
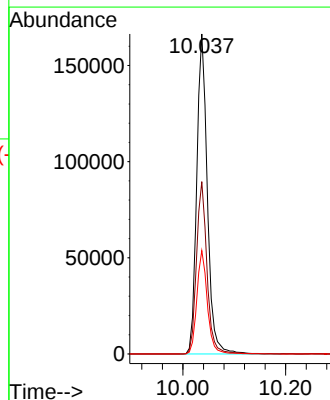
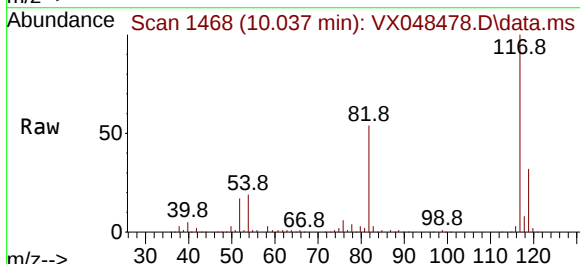
Instrument :
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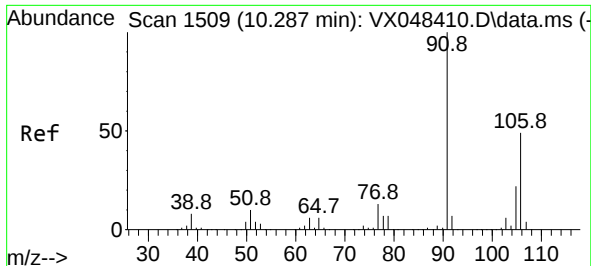
Tgt Ion: 95 Resp: 145546
Ion Ratio Lower Upper
95 100
174 79.3 0.0 147.8
176 76.3 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048478.D
Acq: 04 Nov 2025 13:00

Tgt Ion: 117 Resp: 238910
Ion Ratio Lower Upper
117 100
82 53.8 46.5 69.7
119 32.3 25.9 38.9

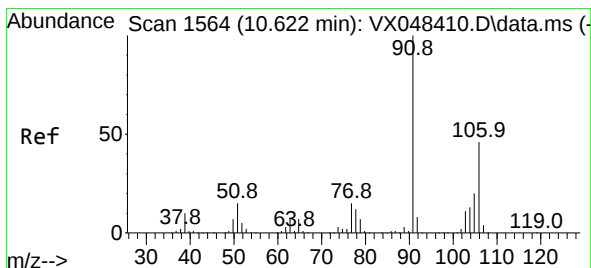
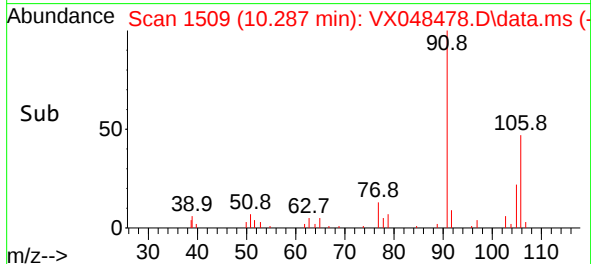
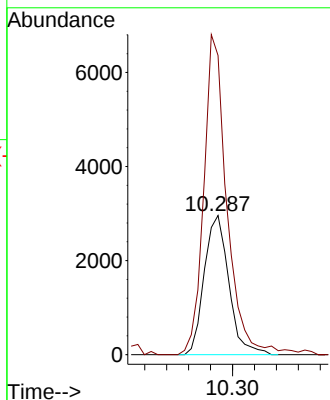
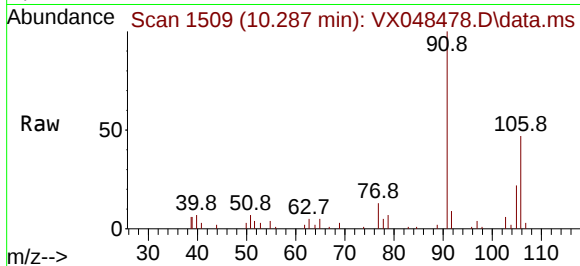




#68
m/p-Xylenes
Concen: 1.314 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048478.D
Acq: 04 Nov 2025 13:00

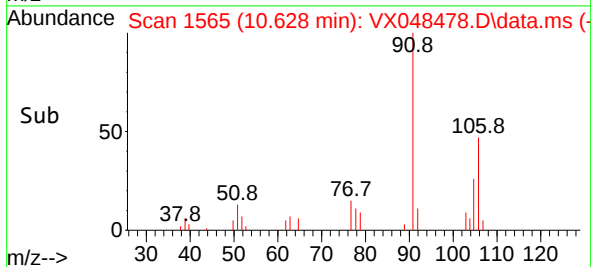
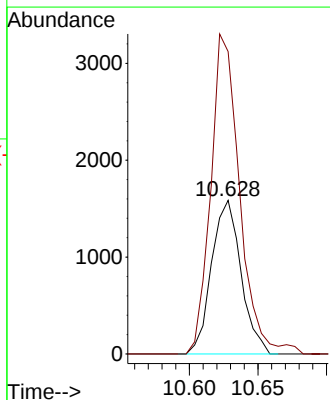
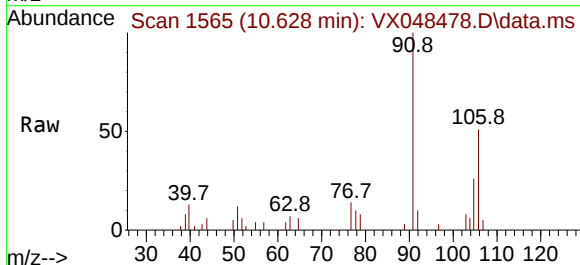
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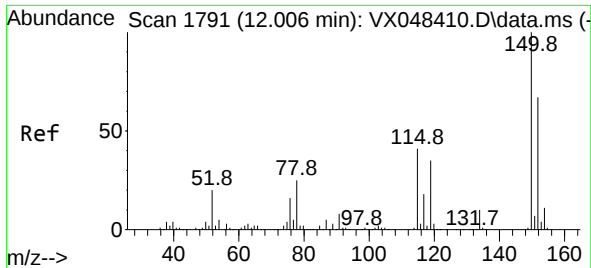
Tgt Ion:106 Resp: 4611
Ion Ratio Lower Upper
106 100
91 217.6 167.9 251.9



#69
o-Xylene
Concen: 0.706 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048478.D
Acq: 04 Nov 2025 13:00

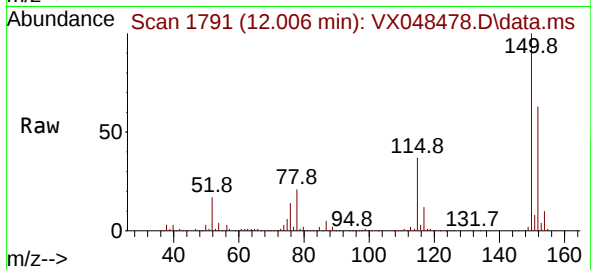
Tgt Ion:106 Resp: 2367
Ion Ratio Lower Upper
106 100
91 204.5 111.3 333.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048478.D
 Acq: 04 Nov 2025 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-25-0299



Tgt Ion:152 Resp: 120572
 Ion Ratio Lower Upper
 152 100
 115 60.2 43.1 129.4
 150 157.1 0.0 353.0

