

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110425\
 Data File : VX048482.D
 Acq On : 04 Nov 2025 14:28
 Operator : JC/MD
 Sample : Q3488-04ME
 Misc : 5.36g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-25-0302-0310ME

Quant Time: Nov 04 15:40:57 2025
 Quant Title :
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

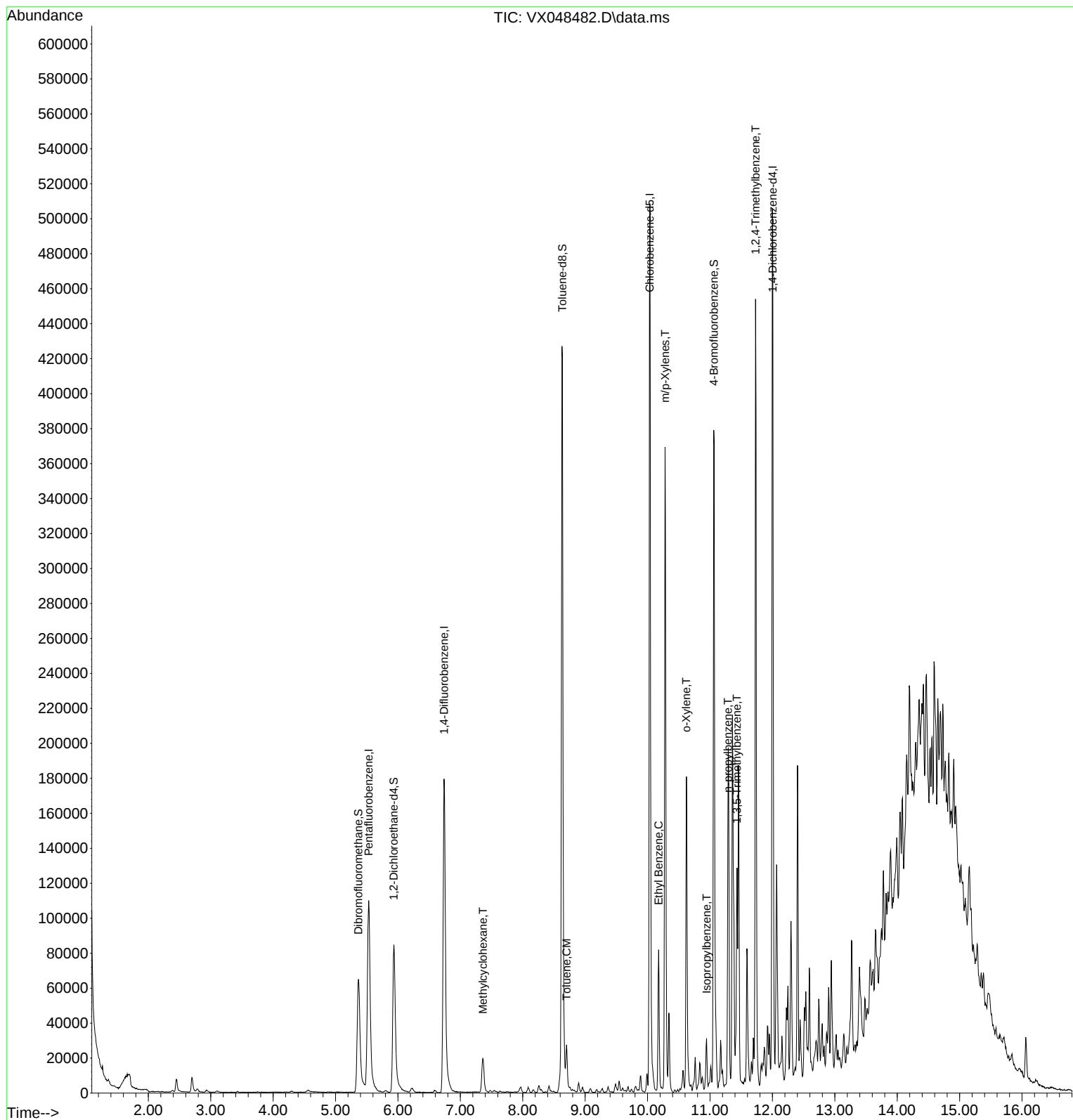
Internal Standards						
1) Pentafluorobenzene	5.531	168	114651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	218795	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	263194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	114618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	99654	60.438	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 120.880%#	
35) Dibromofluoromethane	5.367	113	67963	54.482	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.960%	
50) Toluene-d8	8.634	98	290108	52.685	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.360%	
62) 4-Bromofluorobenzene	11.061	95	110167	53.483	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.960%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.360	83	10503	3.899	ug/l #	86
52) Toluene	8.702	92	10636	2.660	ug/l	94
67) Ethyl Benzene	10.177	91	48866	4.786	ug/l	99
68) m/p-Xylenes	10.281	106	90950	23.528	ug/l	99
69) o-Xylene	10.622	106	42040	11.381	ug/l	97
73) Isopropylbenzene	10.945	105	15087	1.780	ug/l	99
78) n-propylbenzene	11.286	91	28732	2.868	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	51978	7.479	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	201542	29.290	ug/l	98

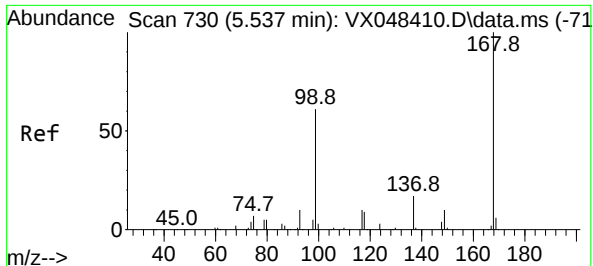
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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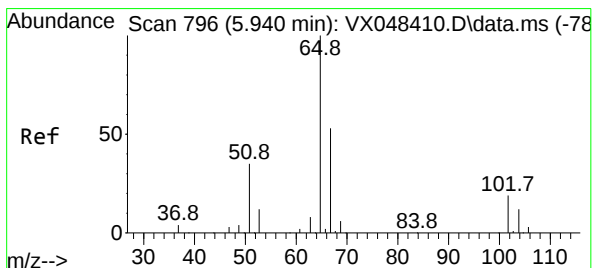
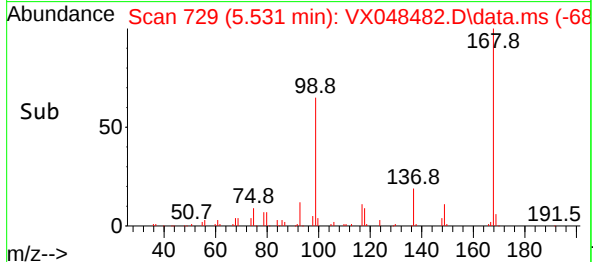
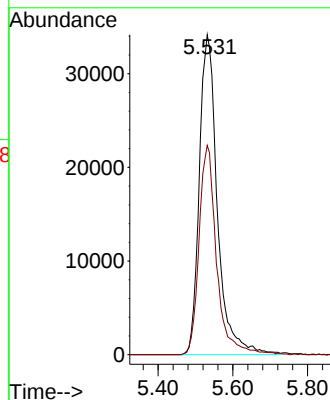
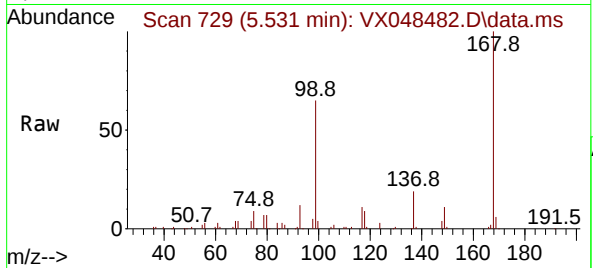




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX048482.D
Acq: 04 Nov 2025 14:28

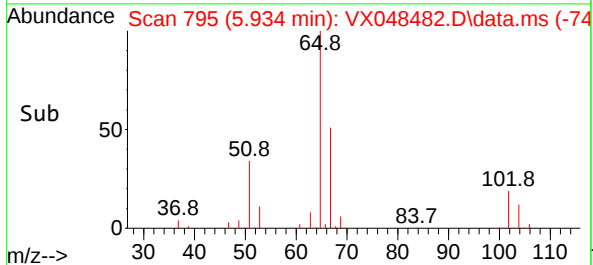
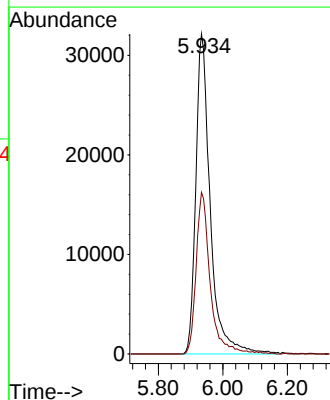
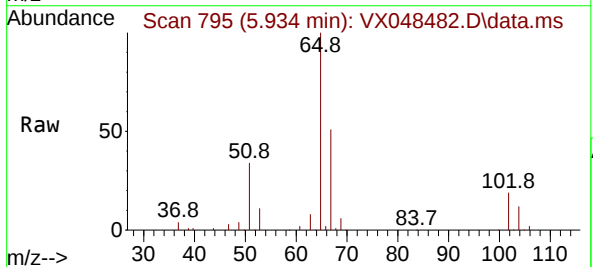
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0302-0310ME

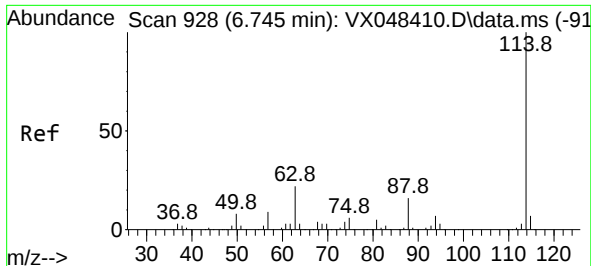
Tgt Ion:168 Resp: 114651
Ion Ratio Lower Upper
168 100
99 65.4 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 60.438 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048482.D
Acq: 04 Nov 2025 14:28

Tgt Ion: 65 Resp: 99654
Ion Ratio Lower Upper
65 100
67 49.2 0.0 105.0

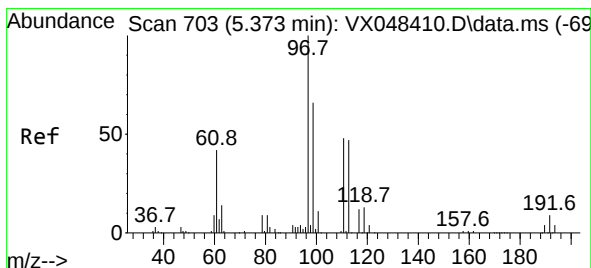
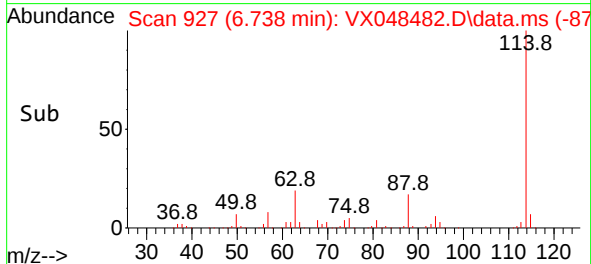
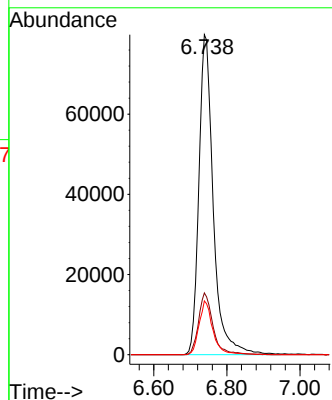
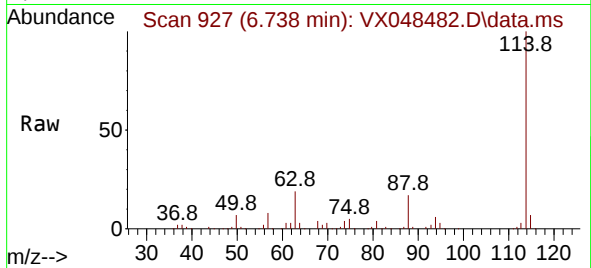




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.738 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048482.D
Acq: 04 Nov 2025 14:28

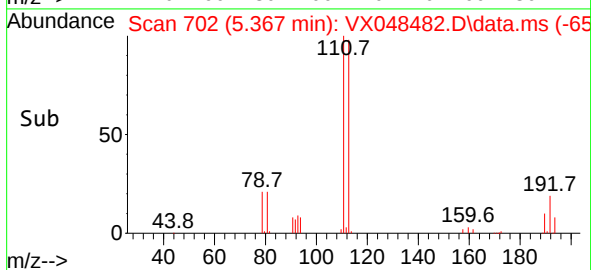
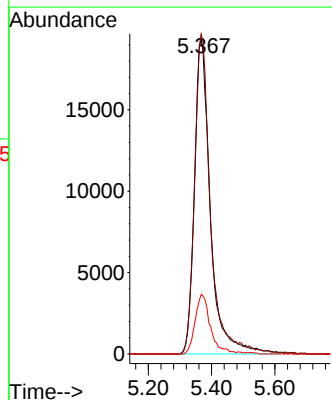
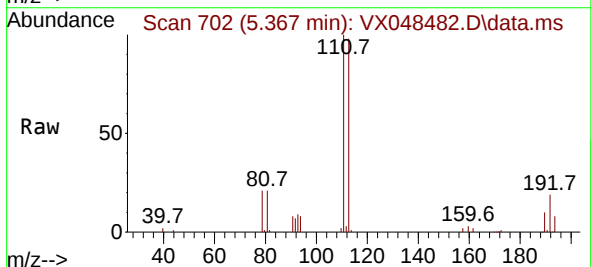
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0302-0310ME

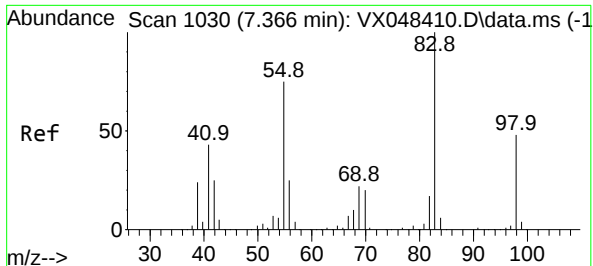
Tgt Ion:114 Resp: 218795
Ion Ratio Lower Upper
114 100
63 19.3 0.0 43.2
88 16.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 54.482 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048482.D
Acq: 04 Nov 2025 14:28

Tgt Ion:113 Resp: 67963
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 18.0 15.1 22.7





#39

Methylcyclohexane

Concen: 3.899 ug/l

RT: 7.360 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VX048482.D

Acq: 04 Nov 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

MOO-25-0302-0310ME

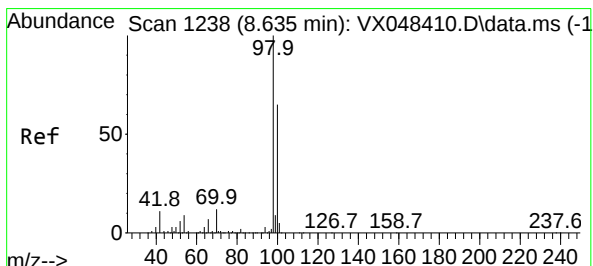
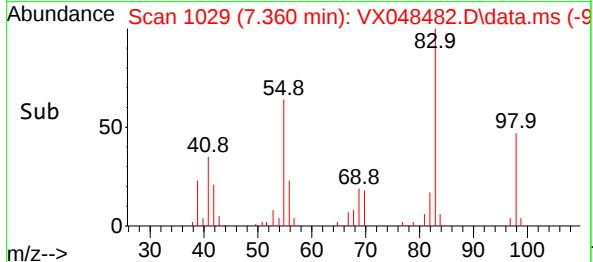
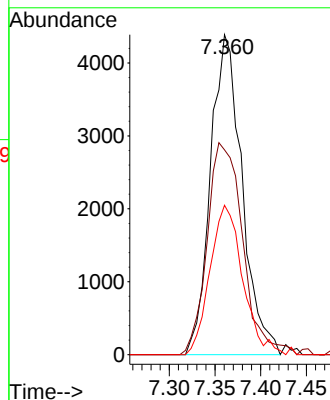
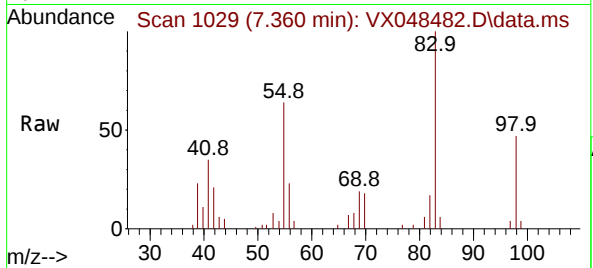
Tgt Ion: 83 Resp: 10503

Ion Ratio Lower Upper

83 100

55 64.0 66.2 99.2#

98 46.7 38.9 58.3



#50

Toluene-d8

Concen: 52.685 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048482.D

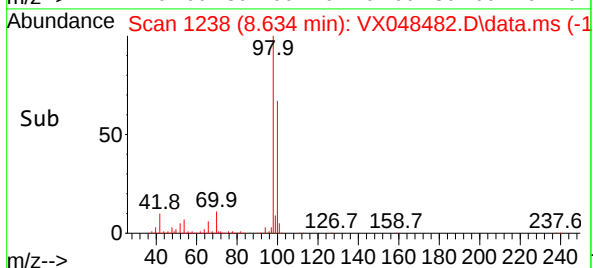
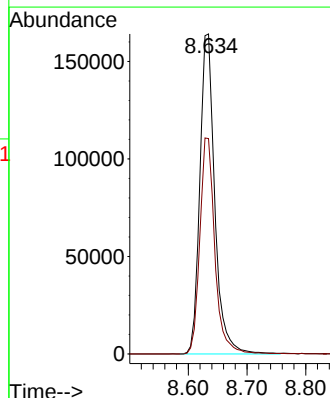
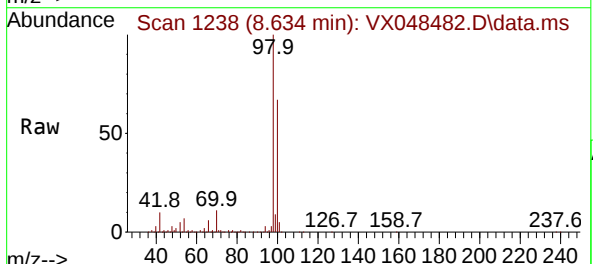
Acq: 04 Nov 2025 14:28

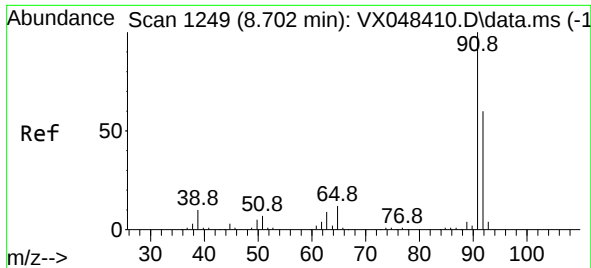
Tgt Ion: 98 Resp: 290108

Ion Ratio Lower Upper

98 100

100 67.8 53.0 79.4

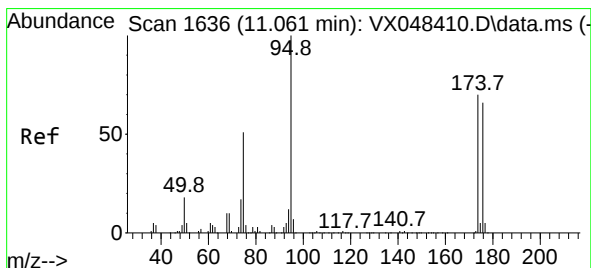
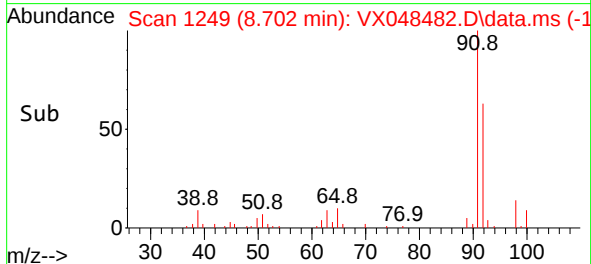
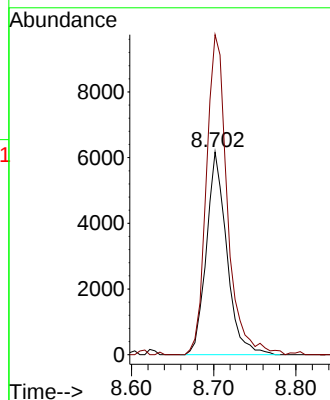
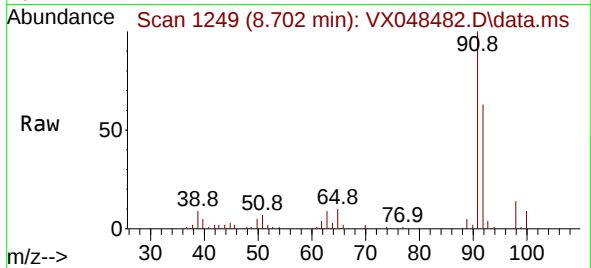




#52
Toluene
Concen: 2.660 ug/l
RT: 8.702 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048482.D
Acq: 04 Nov 2025 14:28

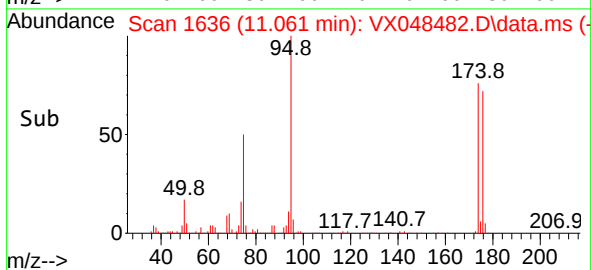
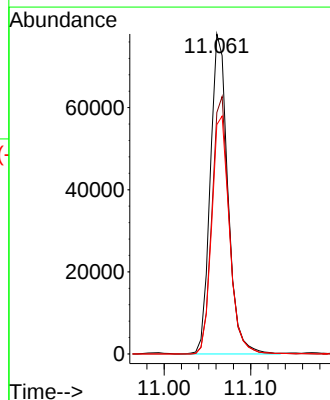
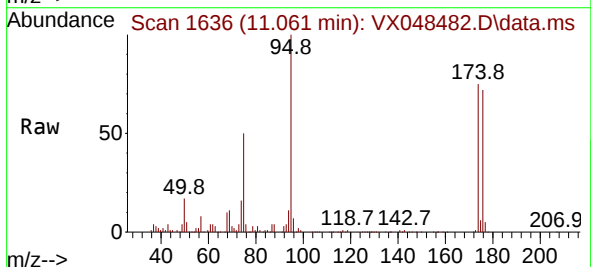
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0302-0310ME

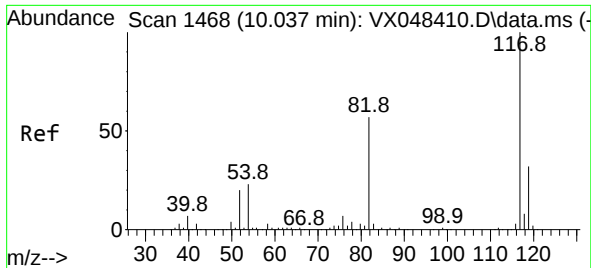
Tgt Ion: 92 Resp: 10636
Ion Ratio Lower Upper
92 100
91 162.4 136.1 204.1



#62
4-Bromofluorobenzene
Concen: 53.483 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048482.D
Acq: 04 Nov 2025 14:28

Tgt Ion: 95 Resp: 110167
Ion Ratio Lower Upper
95 100
174 78.9 0.0 147.8
176 75.3 0.0 142.8

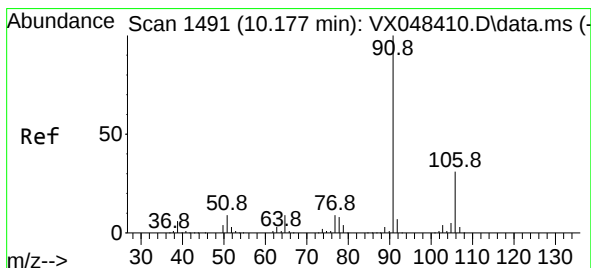
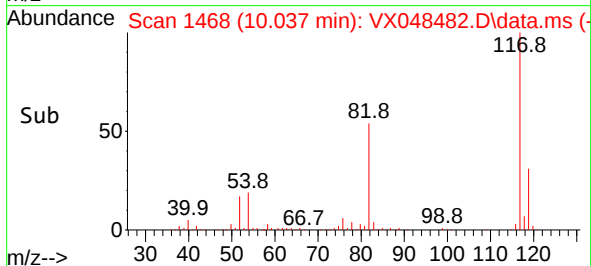
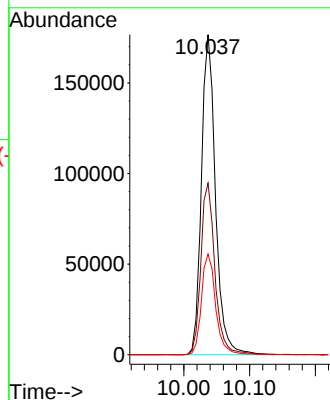
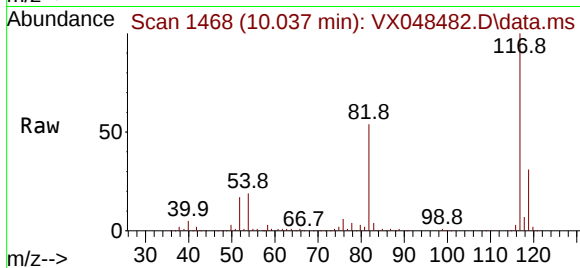




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048482.D
Acq: 04 Nov 2025 14:28

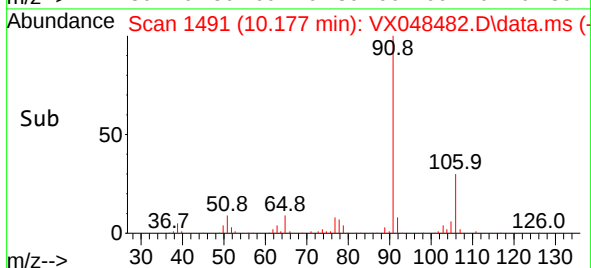
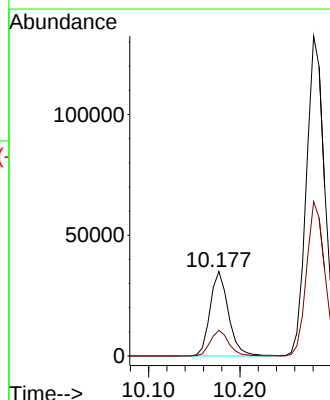
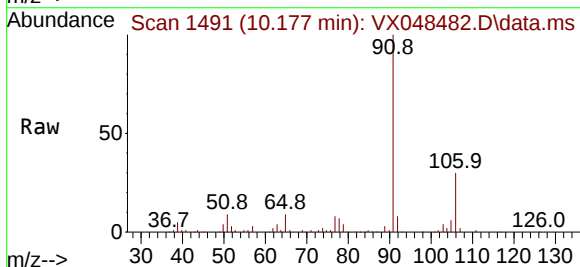
Instrument :
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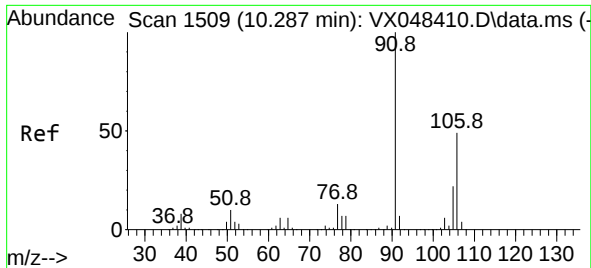
Tgt Ion:117 Resp: 263194
Ion Ratio Lower Upper
117 100
82 53.6 46.5 69.7
119 31.5 25.9 38.9



#67
Ethyl Benzene
Concen: 4.786 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048482.D
Acq: 04 Nov 2025 14:28

Tgt Ion: 91 Resp: 48866
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6

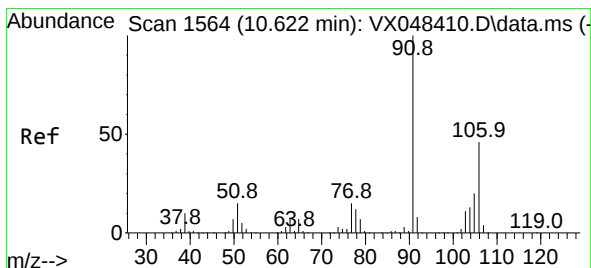
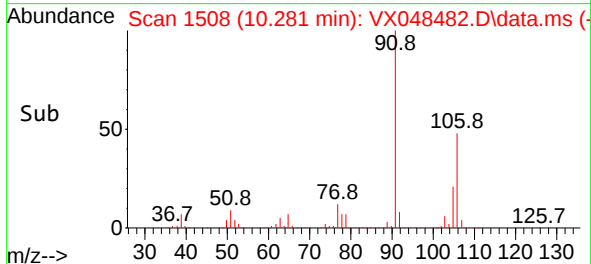
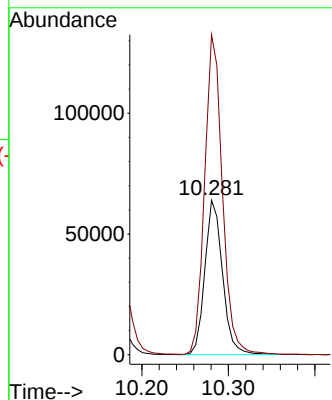
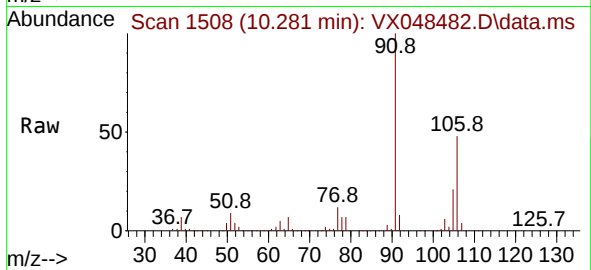




#68
m/p-Xylenes
Concen: 23.528 ug/l
RT: 10.281 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VX048482.D
Acq: 04 Nov 2025 14:28

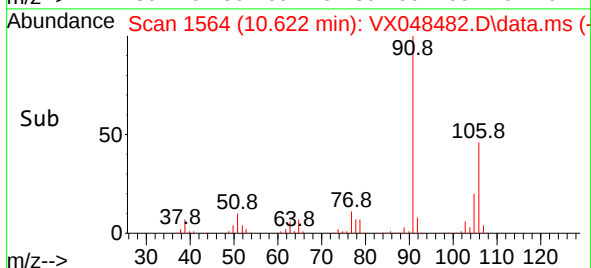
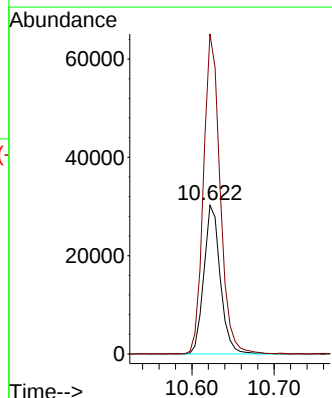
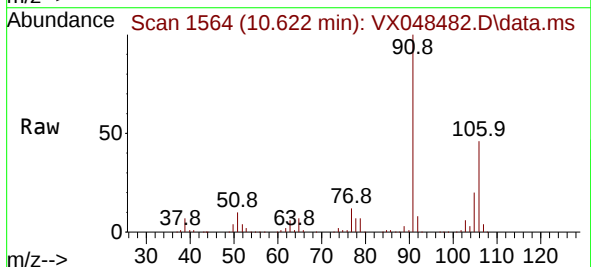
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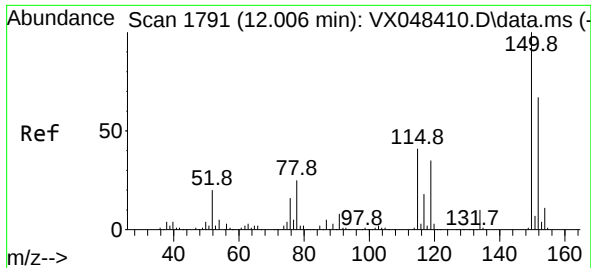
Tgt Ion:106 Resp: 90950
Ion Ratio Lower Upper
106 100
91 208.1 167.9 251.9



#69
o-Xylene
Concen: 11.381 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048482.D
Acq: 04 Nov 2025 14:28

Tgt Ion:106 Resp: 42040
Ion Ratio Lower Upper
106 100
91 218.0 111.3 333.9

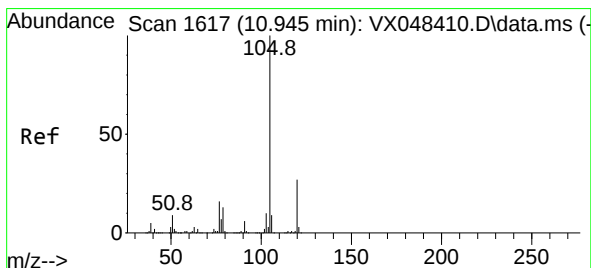
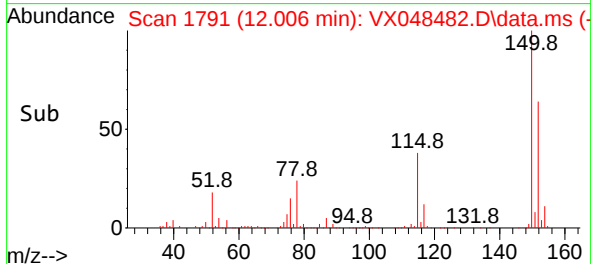
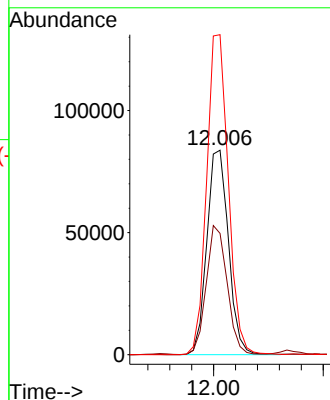
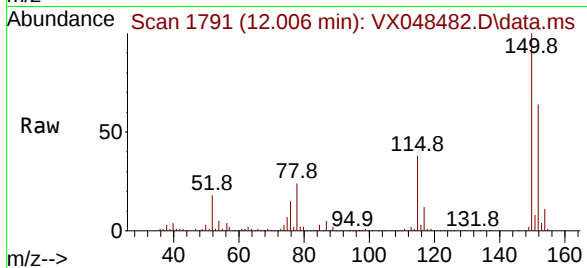




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048482.D
Acq: 04 Nov 2025 14:28

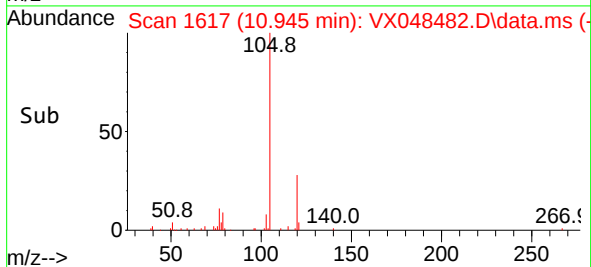
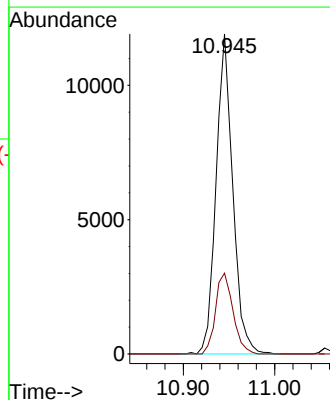
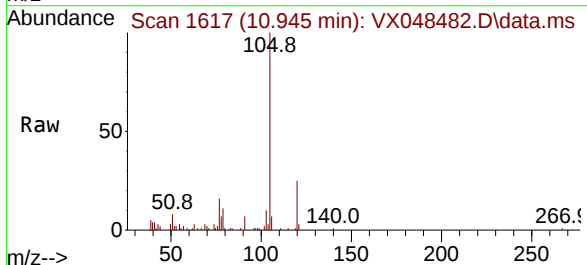
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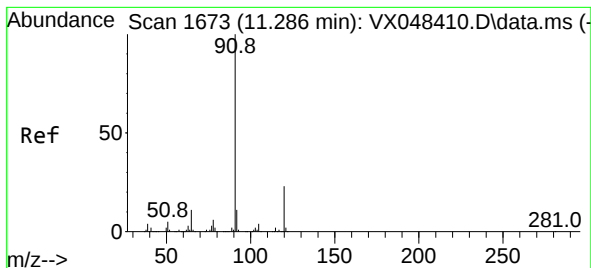
Tgt Ion:152 Resp: 114618
Ion Ratio Lower Upper
152 100
115 60.9 43.1 129.4
150 156.5 0.0 353.0



#73
Isopropylbenzene
Concen: 1.780 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048482.D
Acq: 04 Nov 2025 14:28

Tgt Ion:105 Resp: 15087
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9





#78

n-propylbenzene

Concen: 2.868 ug/l

RT: 11.286 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048482.D

Acq: 04 Nov 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

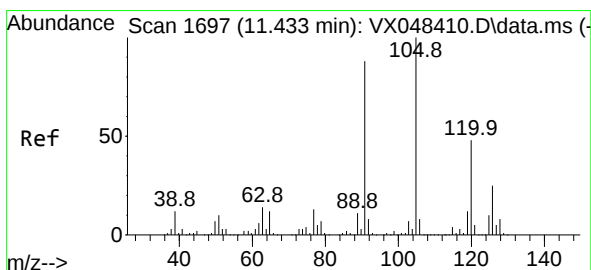
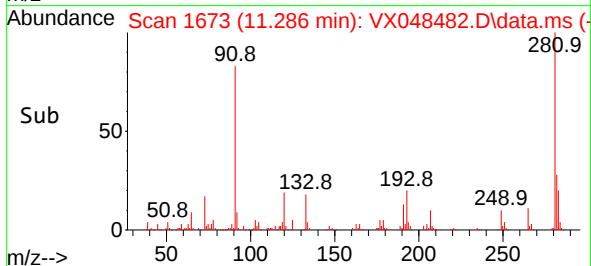
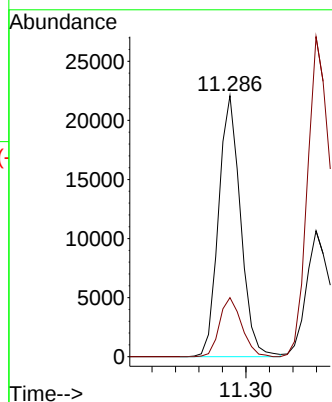
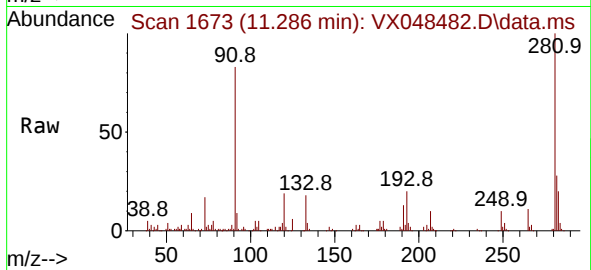
MOO-25-0302-0310ME

Tgt Ion: 91 Resp: 28732

Ion Ratio Lower Upper

91 100

120 22.7 11.1 33.1



#80

1,3,5-Trimethylbenzene

Concen: 7.479 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048482.D

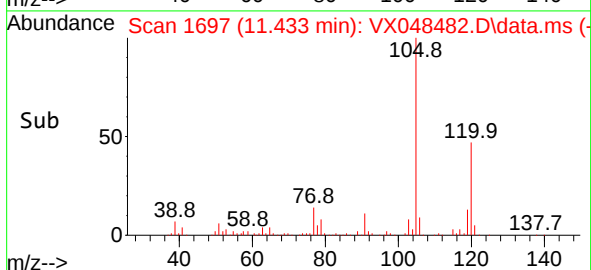
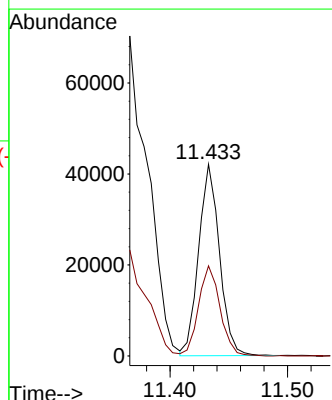
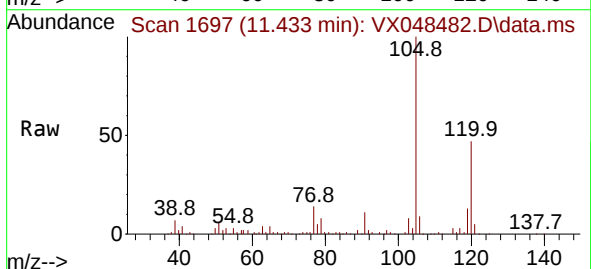
Acq: 04 Nov 2025 14:28

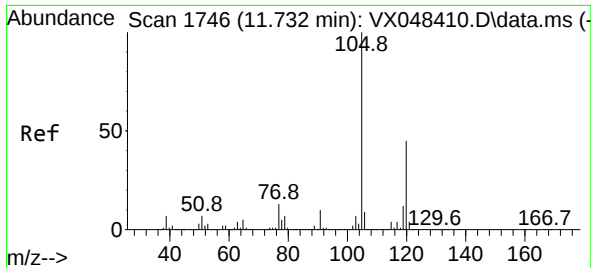
Tgt Ion:105 Resp: 51978

Ion Ratio Lower Upper

105 100

120 48.5 24.0 72.0





#84
 1,2,4-Trimethylbenzene
 Concen: 29.290 ug/l
 RT: 11.731 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048482.D
 Acq: 04 Nov 2025 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-25-0302-0310ME

Tgt Ion:105 Resp: 201542
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.1 66.5

