

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047489.D
 Acq On : 22 Aug 2025 12:12
 Operator : JC/MD
 Sample : Q2903-07DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12B-081925DL

Quant Time: Aug 25 01:26:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

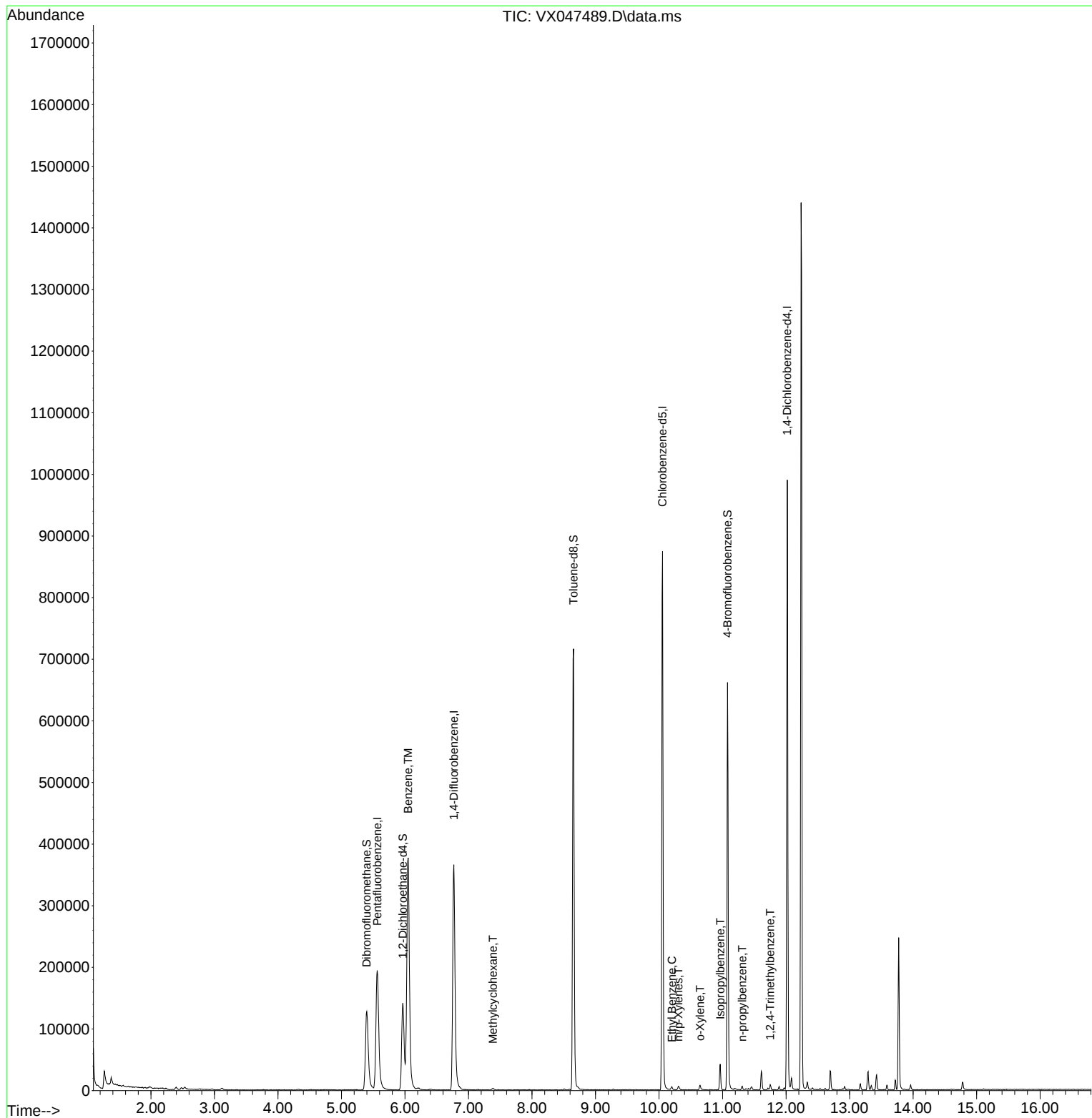
Internal Standards						
1) Pentafluorobenzene	5.562	168	199358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	400754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	390061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	192795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	149806	53.692	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.380%		
35) Dibromofluoromethane	5.397	113	124711	47.949	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.900%		
50) Toluene-d8	8.653	98	439967	47.326	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 94.660%		
62) 4-Bromofluorobenzene	11.079	95	180449	52.600	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.200%		
Target Compounds						
						Qvalue
39) Methylcyclohexane	7.385	83	1108	0.216	ug/l	89
40) Benzene	6.050	78	488406	39.742	ug/l	98
67) Ethyl Benzene	10.201	91	3253	0.204	ug/l	99
68) m/p-Xylenes	10.305	106	1491	0.251	ug/l #	70
69) o-Xylene	10.646	106	1834	0.320	ug/l	93
73) Isopropylbenzene	10.963	105	21502	1.425	ug/l	97
78) n-propylbenzene	11.311	91	4413	0.245	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	3832	0.309	ug/l	95

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

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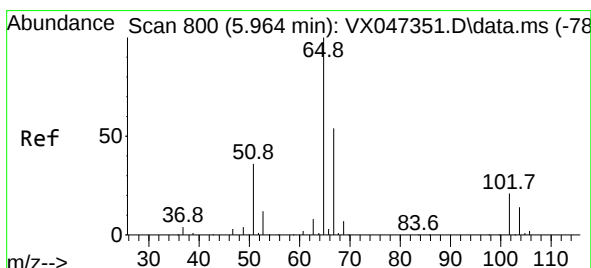
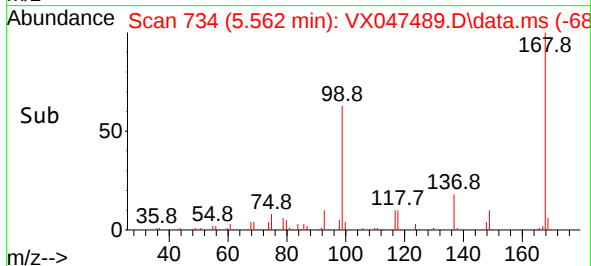
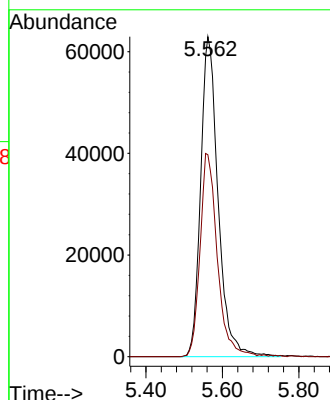
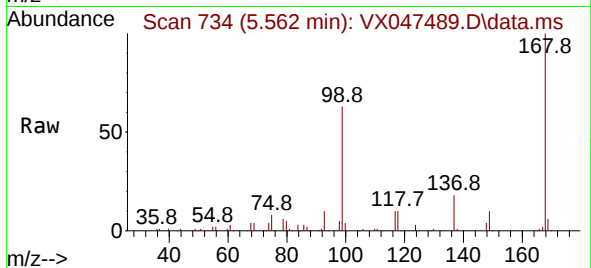




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047489.D
Acq: 22 Aug 2025 12:12

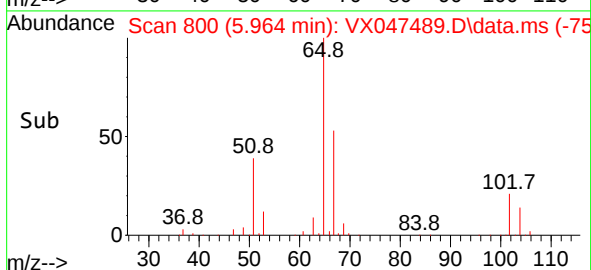
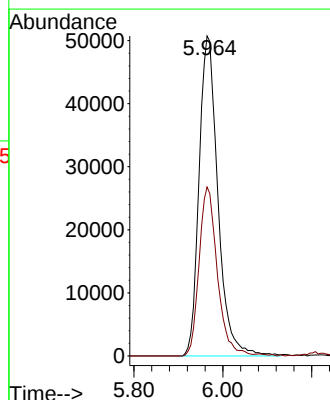
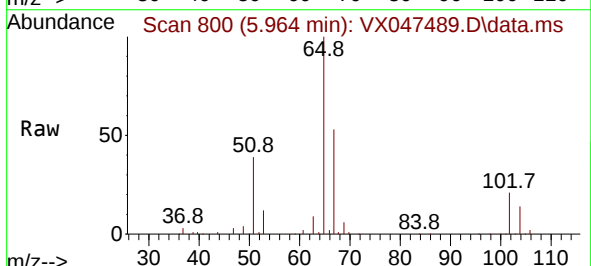
Instrument :
MSVOA_X
ClientSampleId :
MW-12B-081925DL

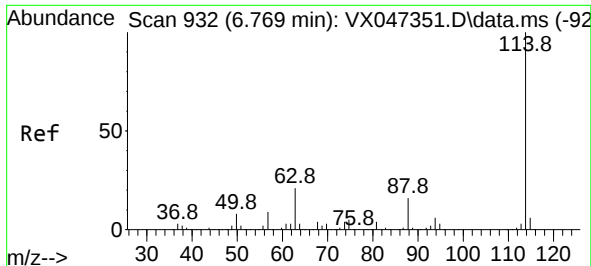
Tgt Ion:168 Resp: 199358
Ion Ratio Lower Upper
168 100
99 63.1 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 53.692 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047489.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 65 Resp: 149806
Ion Ratio Lower Upper
65 100
67 51.0 0.0 106.0

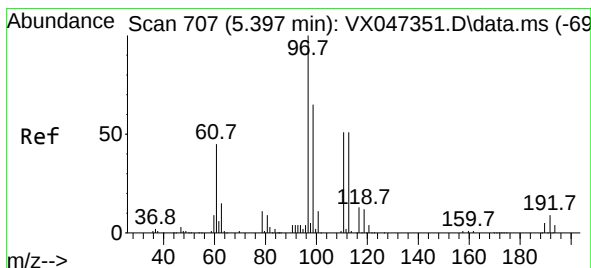
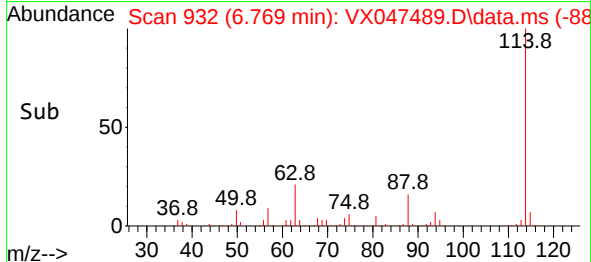
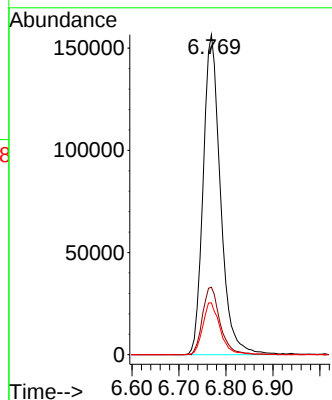
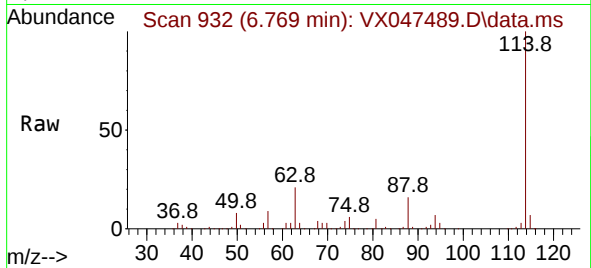




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047489.D
Acq: 22 Aug 2025 12:12

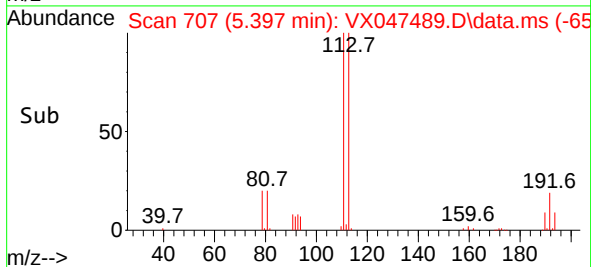
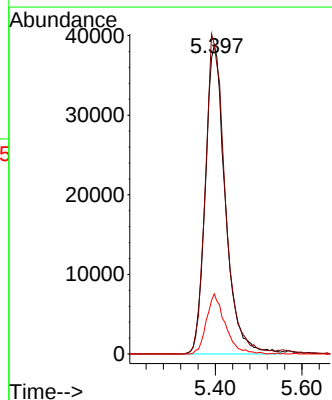
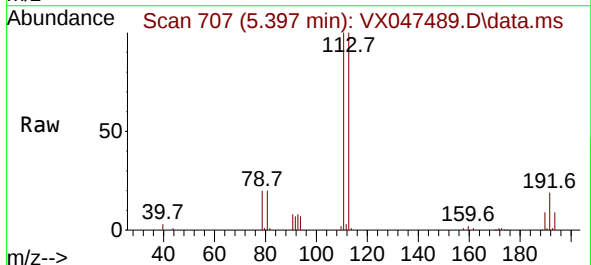
Instrument :
MSVOA_X
ClientSampleId :
MW-12B-081925DL

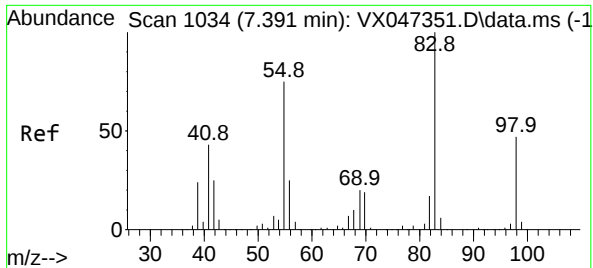
Tgt Ion:114 Resp: 400754
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 16.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.949 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047489.D
Acq: 22 Aug 2025 12:12

Tgt Ion:113 Resp: 124711
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.2
192 18.2 14.1 21.1

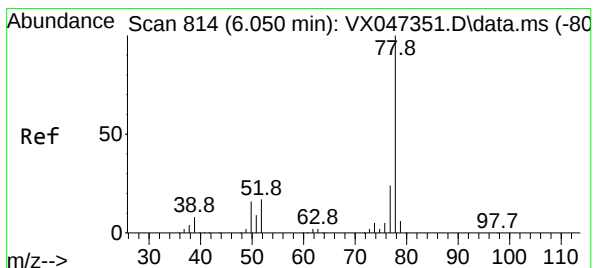
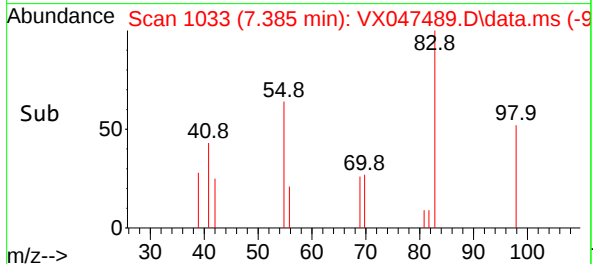
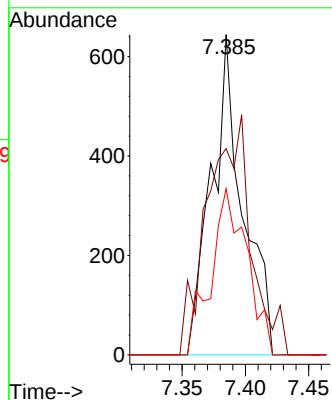
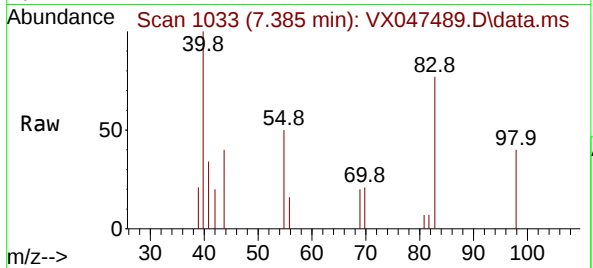




#39
Methylcyclohexane
Concen: 0.216 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX047489.D
Acq: 22 Aug 2025 12:12

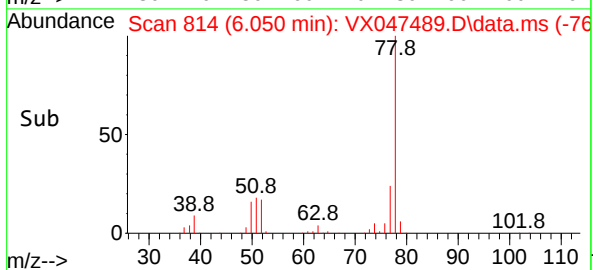
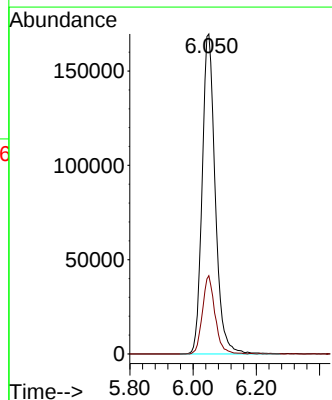
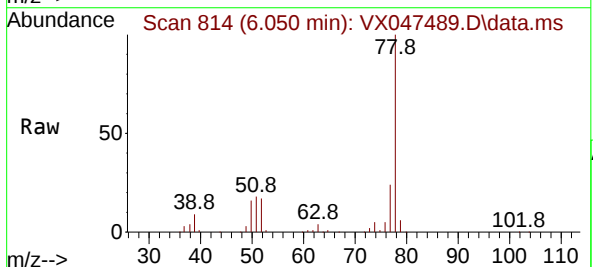
Instrument :
MSVOA_X
ClientSampleId :
MW-12B-081925DL

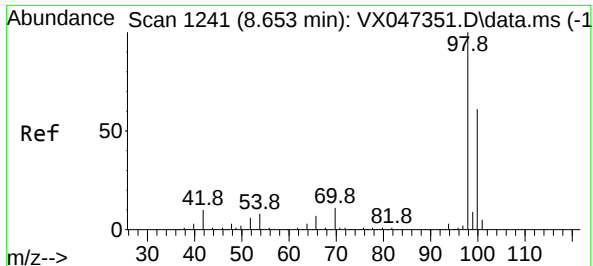
Tgt Ion: 83 Resp: 1108
Ion Ratio Lower Upper
83 100
55 64.4 60.0 90.0
98 51.9 37.2 55.8



#40
Benzene
Concen: 39.742 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047489.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 78 Resp: 488406
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4

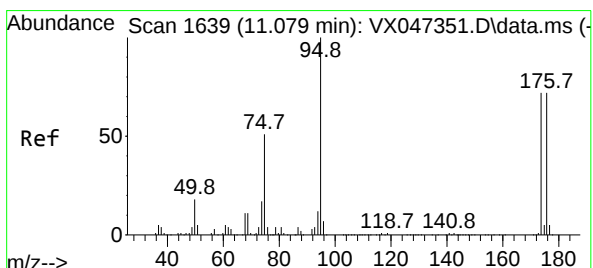
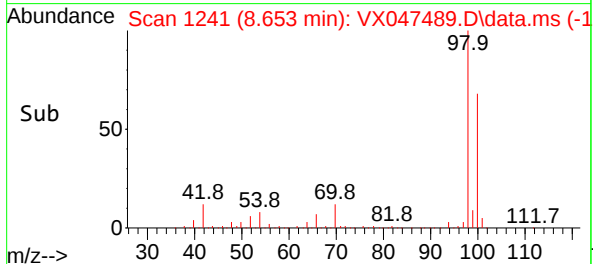
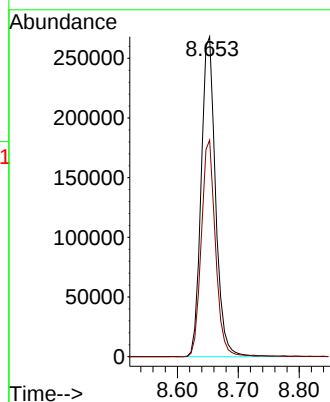
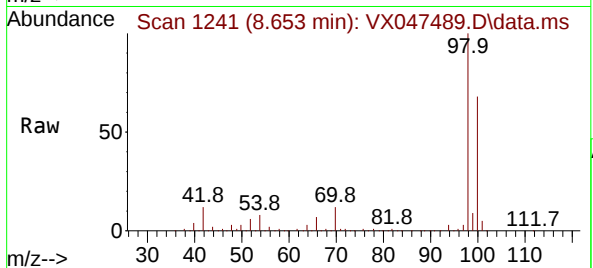




#50
Toluene-d8
Concen: 47.326 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047489.D
Acq: 22 Aug 2025 12:12

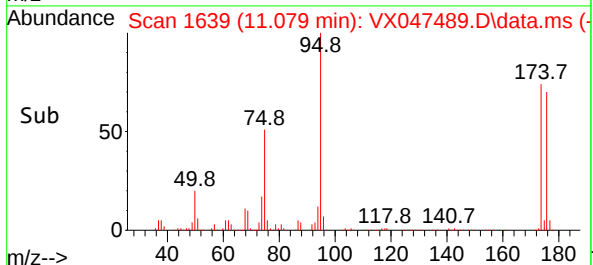
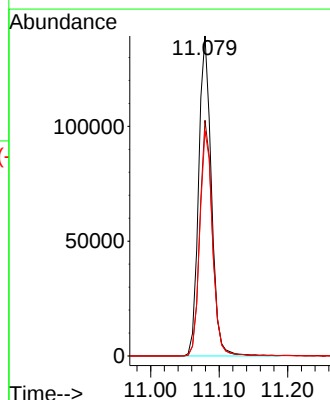
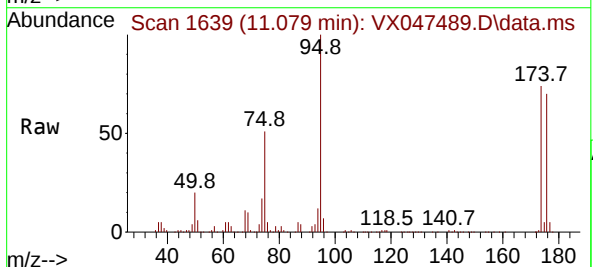
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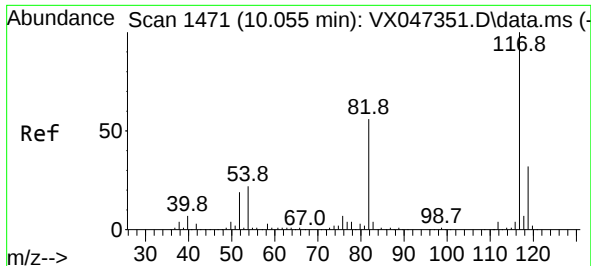
Tgt Ion: 98 Resp: 439967
Ion Ratio Lower Upper
98 100
100 66.4 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 52.600 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047489.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 95 Resp: 180449
Ion Ratio Lower Upper
95 100
174 72.7 0.0 148.0
176 70.6 0.0 145.4

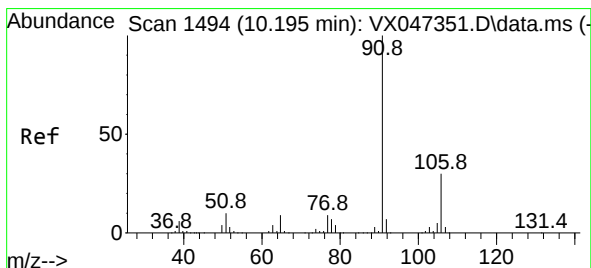
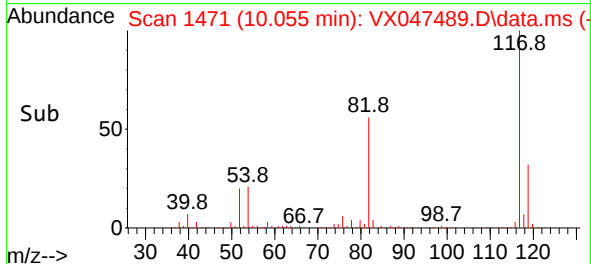
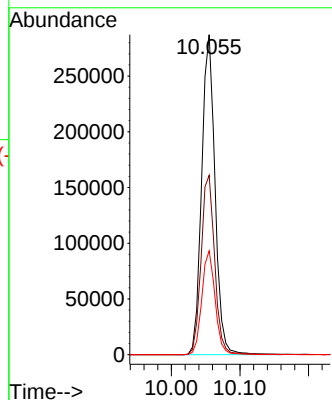
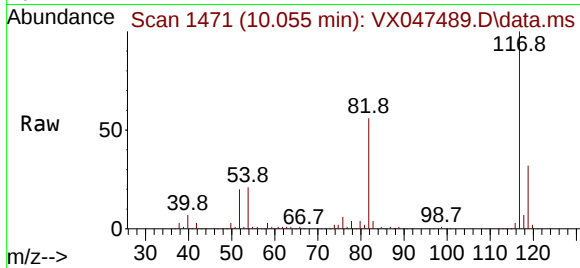




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047489.D
Acq: 22 Aug 2025 12:12

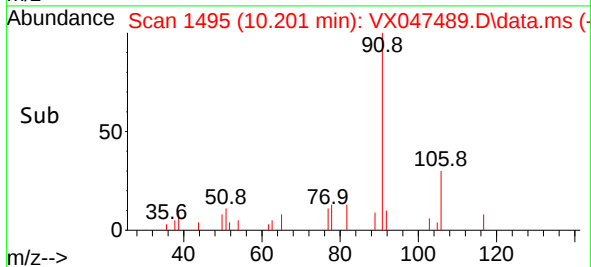
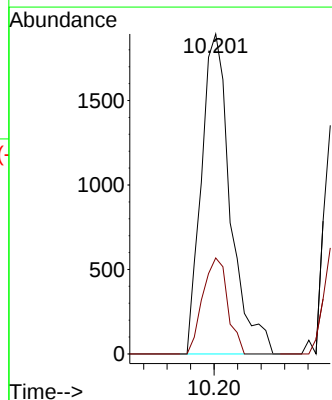
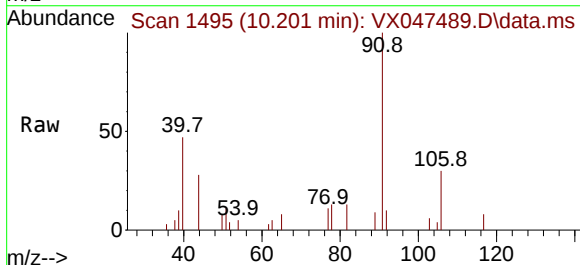
Instrument :
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ClientSampleId :
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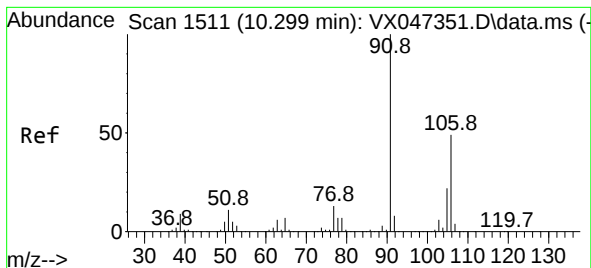
Tgt Ion:117 Resp: 390061
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 32.4 25.8 38.8



#67
Ethyl Benzene
Concen: 0.204 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX047489.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 91 Resp: 3253
Ion Ratio Lower Upper
91 100
106 30.0 24.4 36.6

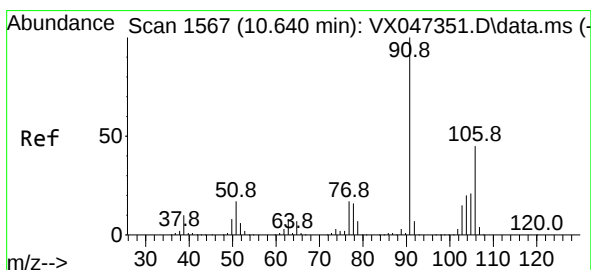
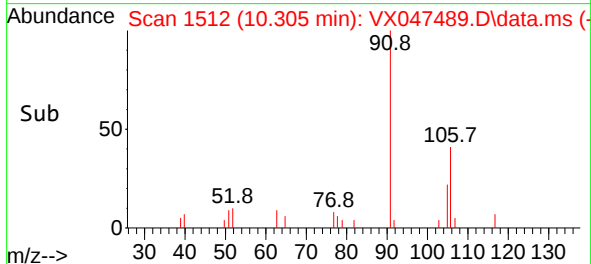
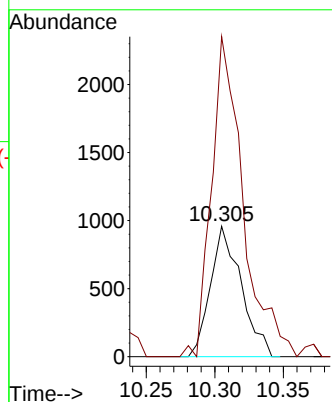
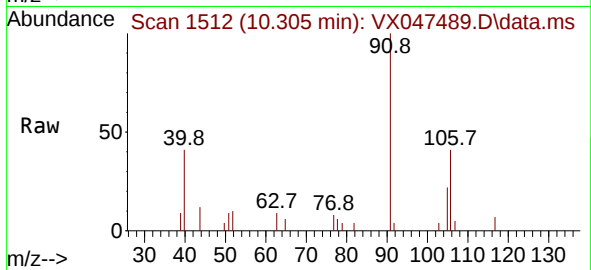




#68
m/p-Xylenes
Concen: 0.251 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX047489.D
Acq: 22 Aug 2025 12:12

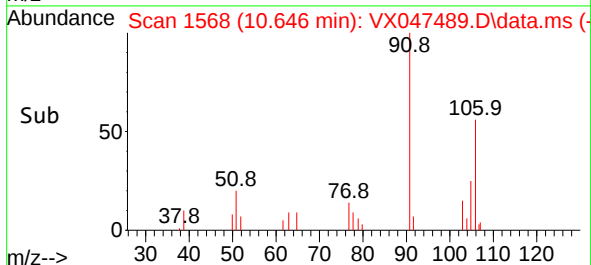
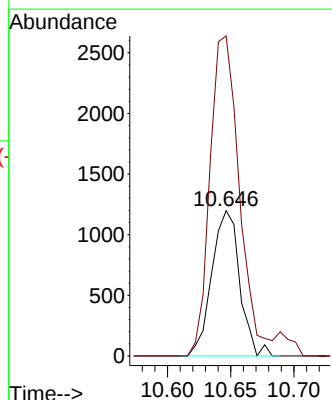
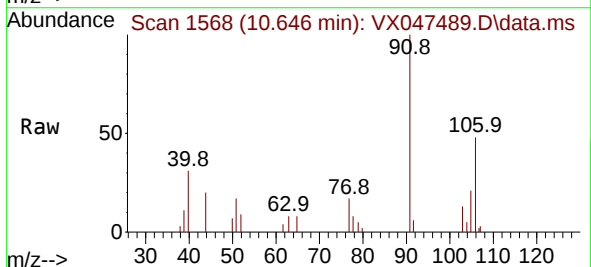
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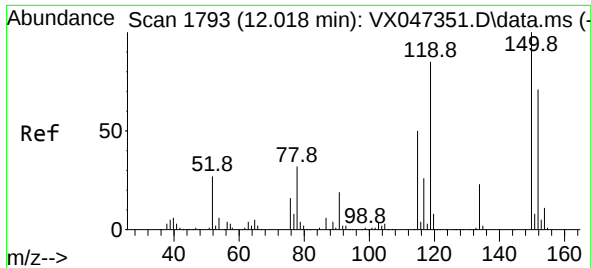
Tgt Ion:106 Resp: 1491
Ion Ratio Lower Upper
106 100
91 252.6 164.7 247.1#



#69
o-Xylene
Concen: 0.320 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX047489.D
Acq: 22 Aug 2025 12:12

Tgt Ion:106 Resp: 1834
Ion Ratio Lower Upper
106 100
91 232.9 110.6 331.8

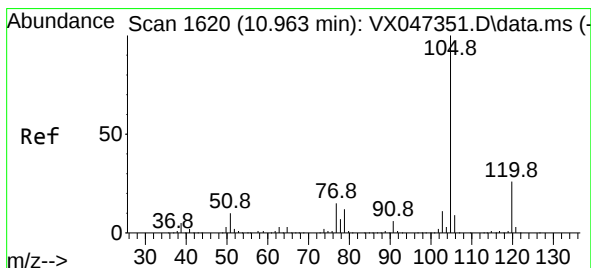
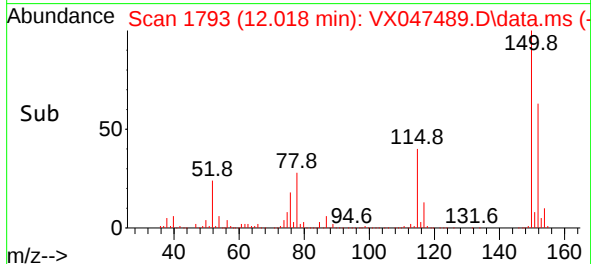
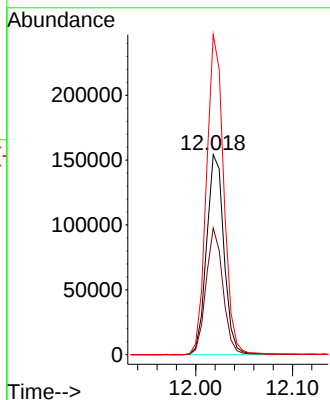
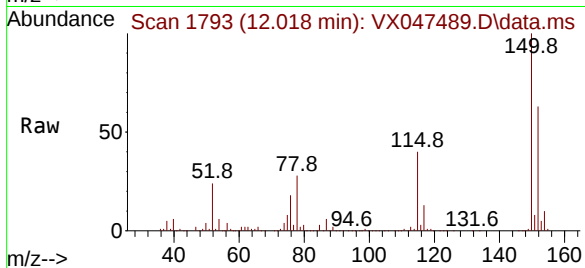




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047489.D
Acq: 22 Aug 2025 12:12

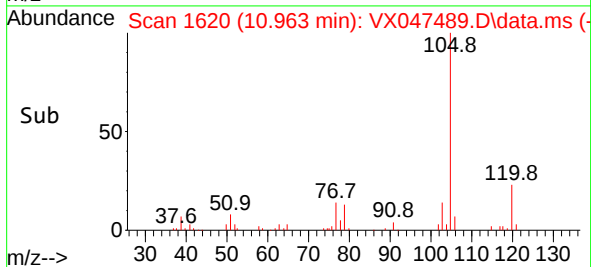
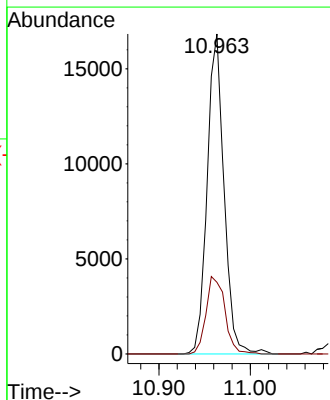
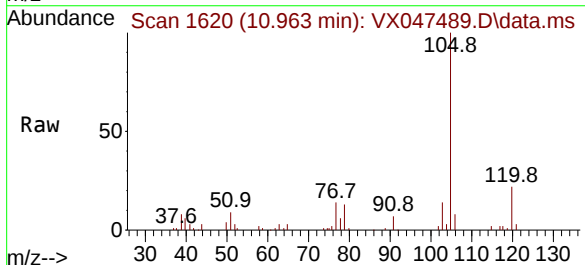
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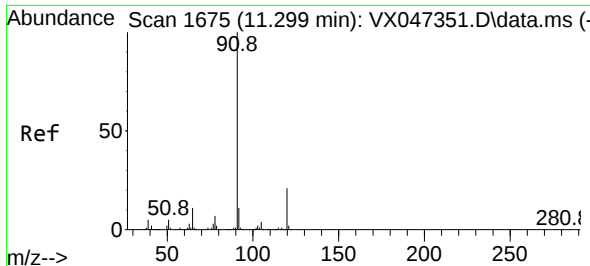
Tgt Ion:152 Resp: 192795
Ion Ratio Lower Upper
152 100
115 61.9 44.6 133.8
150 159.3 0.0 349.8



#73
Isopropylbenzene
Concen: 1.425 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047489.D
Acq: 22 Aug 2025 12:12

Tgt Ion:105 Resp: 21502
Ion Ratio Lower Upper
105 100
120 27.1 12.9 38.6

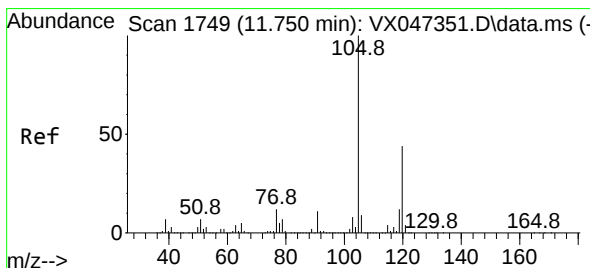
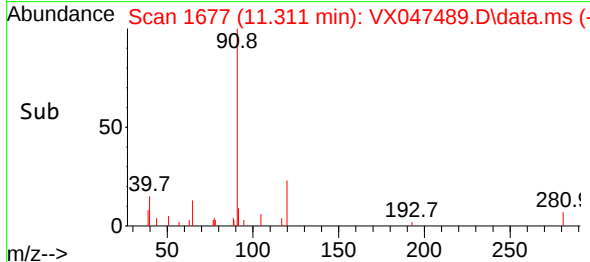
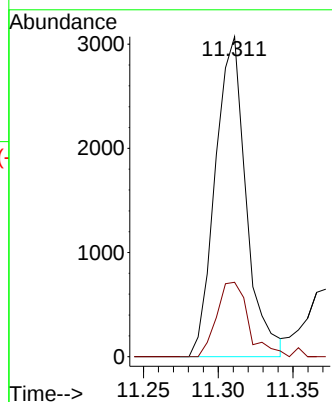
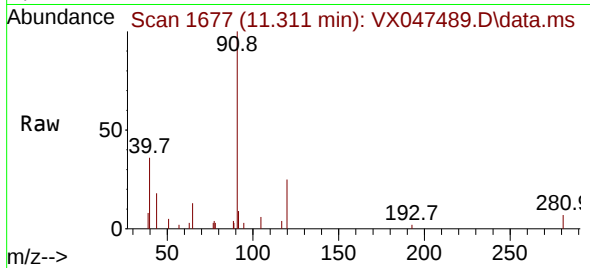




#78
n-propylbenzene
Concen: 0.245 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.012 min
Lab File: VX047489.D
Acq: 22 Aug 2025 12:12

Instrument :
MSVOA_X
ClientSampleId :
MW-12B-081925DL

Tgt Ion: 91 Resp: 4413
Ion Ratio Lower Upper
91 100
120 23.9 11.0 33.0



#84
1,2,4-Trimethylbenzene
Concen: 0.309 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047489.D
Acq: 22 Aug 2025 12:12

Tgt Ion: 105 Resp: 3832
Ion Ratio Lower Upper
105 100
120 47.0 21.9 65.7

