

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
 Data File : VX046886.D
 Acq On : 03 Jul 2025 14:37
 Operator : JC/MD
 Sample : Q2503-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GCAP2W

Quant Time: Jul 04 01:32:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

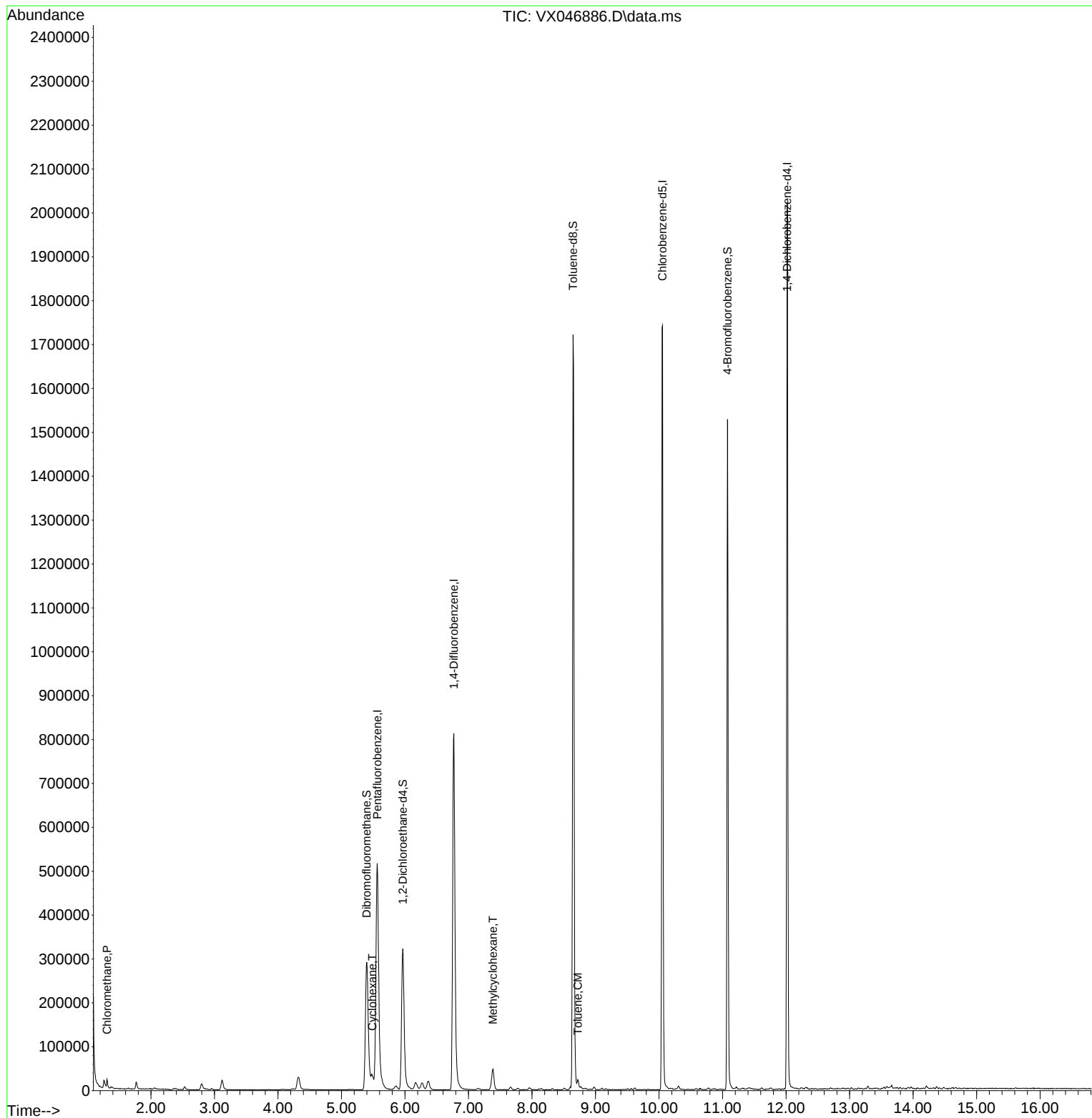
Internal Standards						
1) Pentafluorobenzene	5.562	168	529972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	893199	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	813566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	408234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	335135	47.867	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.740%
35) Dibromofluoromethane	5.397	113	285078	47.019	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.040%
50) Toluene-d8	8.647	98	1067887	49.920	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.840%
62) 4-Bromofluorobenzene	11.079	95	407032	50.065	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.120%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	13721	2.478	ug/l	96
31) Cyclohexane	5.483	56	18536	1.852	ug/l	99
39) Methylcyclohexane	7.385	83	20561	2.009	ug/l	99
52) Toluene	8.720	92	7353	0.480	ug/l	95

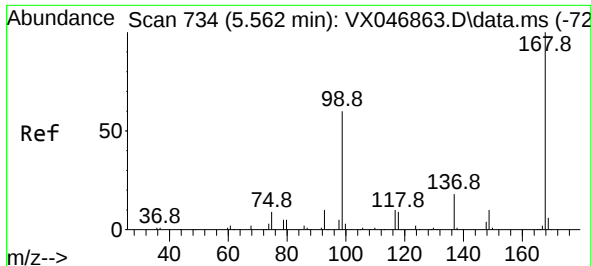
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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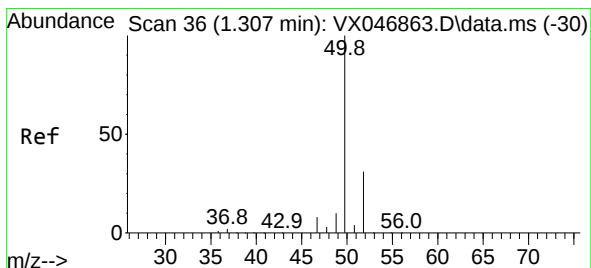
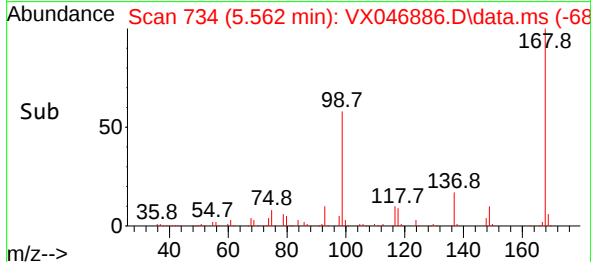
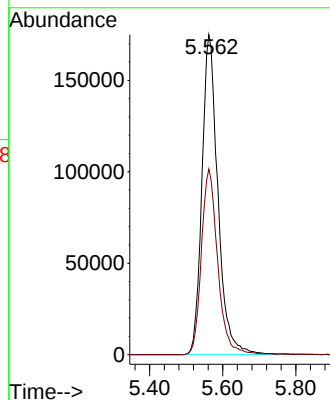
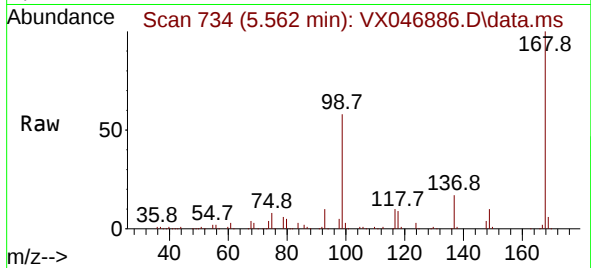




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

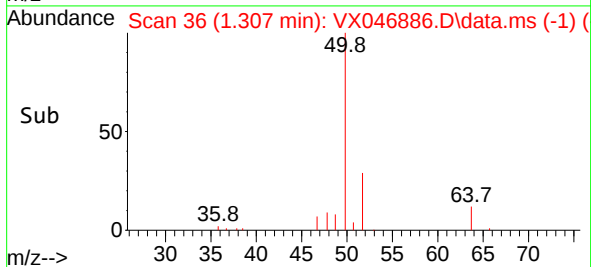
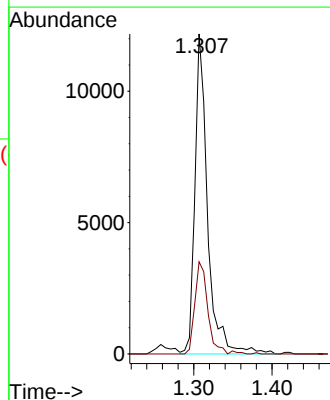
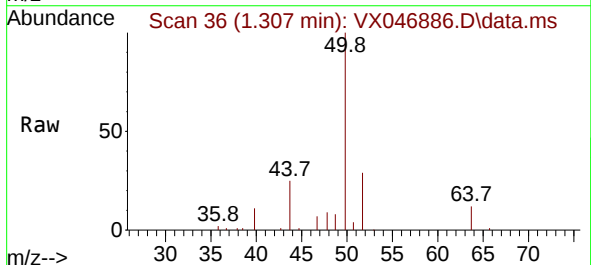
Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

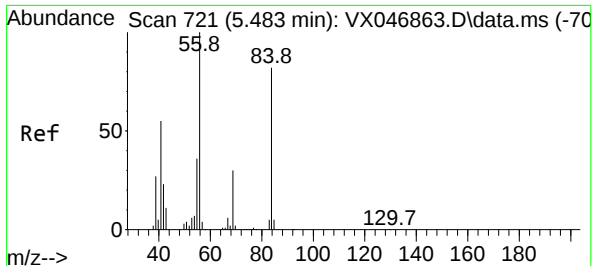
Tgt Ion:168 Resp: 529972
Ion Ratio Lower Upper
168 100
99 58.1 48.8 73.2



#3
Chloromethane
Concen: 2.478 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Tgt Ion: 50 Resp: 13721
Ion Ratio Lower Upper
50 100
52 28.8 25.0 37.4

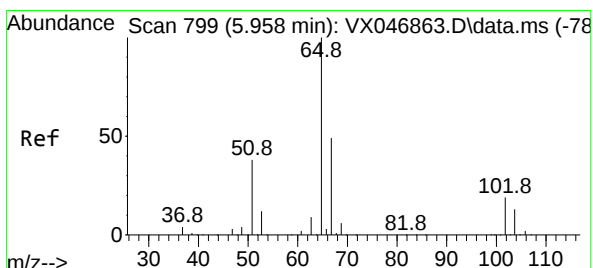
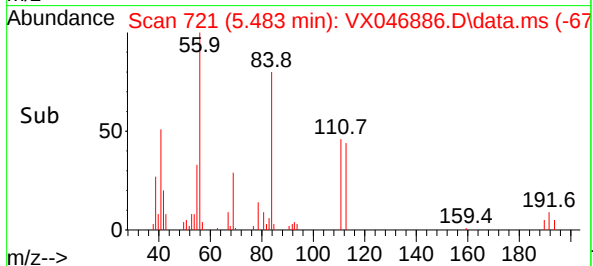
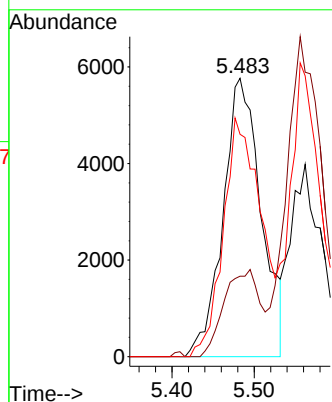
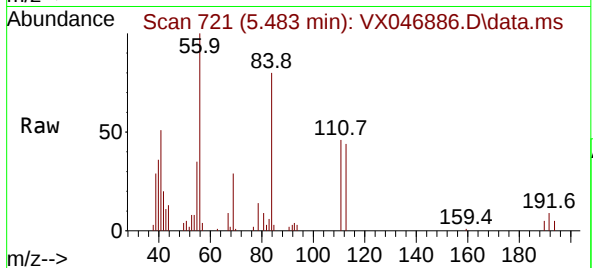




#31
Cyclohexane
Concen: 1.852 ug/l
RT: 5.483 min Scan# 721
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

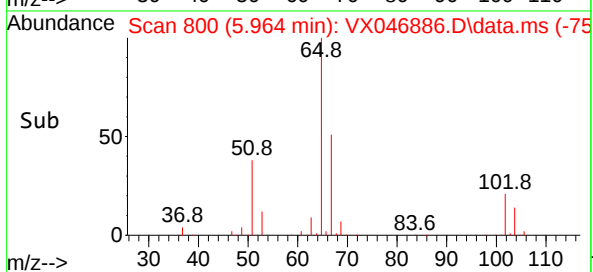
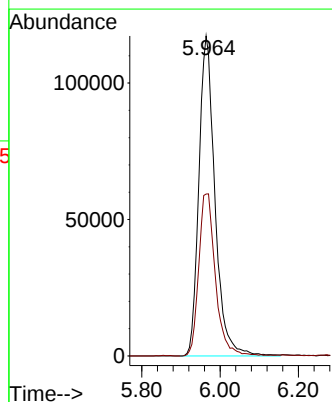
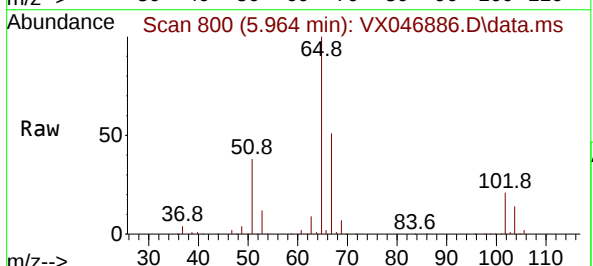
Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

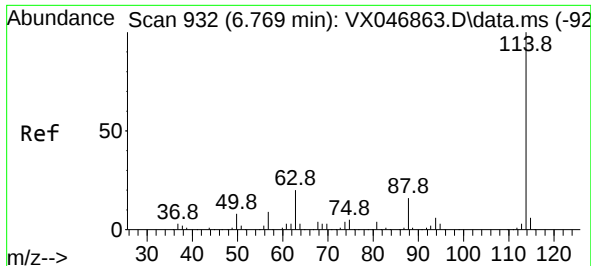
Tgt Ion: 56 Resp: 18536
Ion Ratio Lower Upper
56 100
69 27.2 24.0 36.0
84 83.0 66.5 99.7



#33
1,2-Dichloroethane-d4
Concen: 47.867 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Tgt Ion: 65 Resp: 335135
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.2

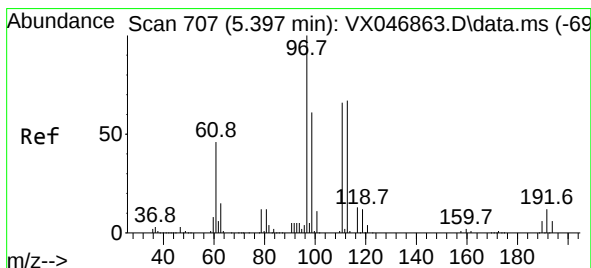
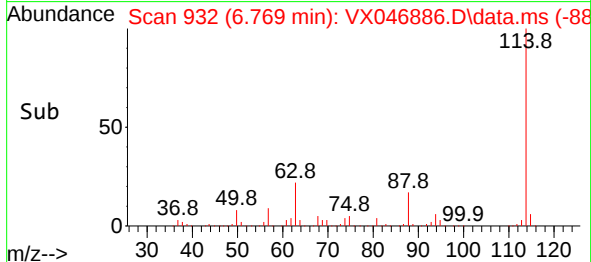
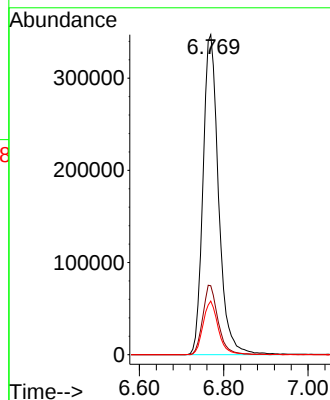
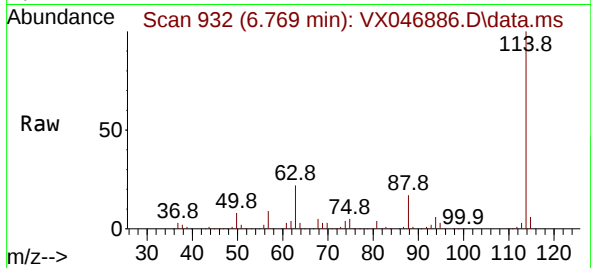




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

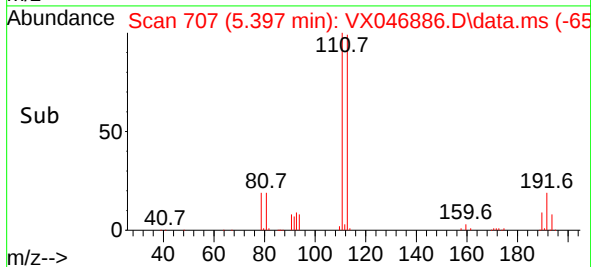
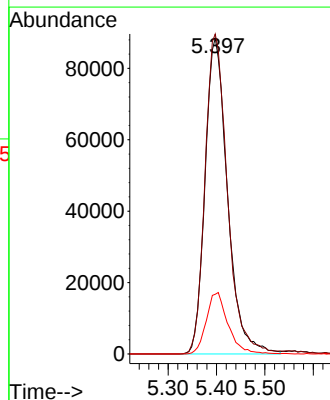
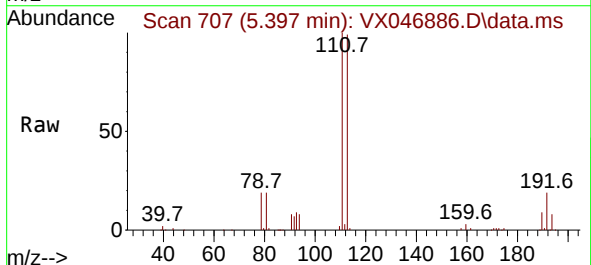
Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

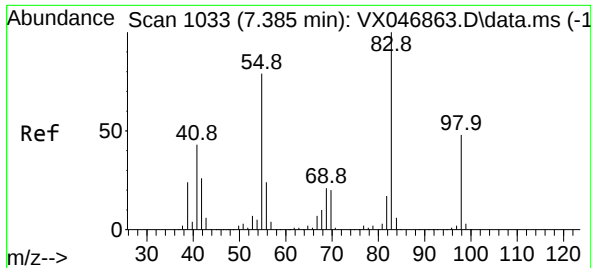
Tgt Ion:114 Resp: 893199
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.4
88 16.7 0.0 31.0



#35
Dibromofluoromethane
Concen: 47.019 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Tgt Ion:113 Resp: 285078
Ion Ratio Lower Upper
113 100
111 101.2 81.2 121.8
192 18.9 15.3 22.9

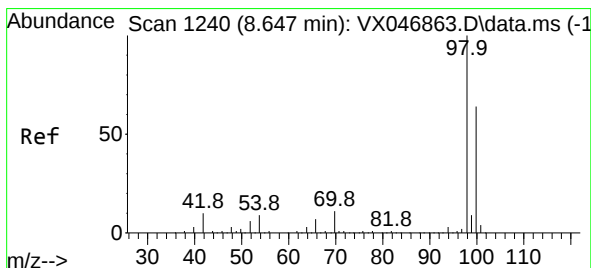
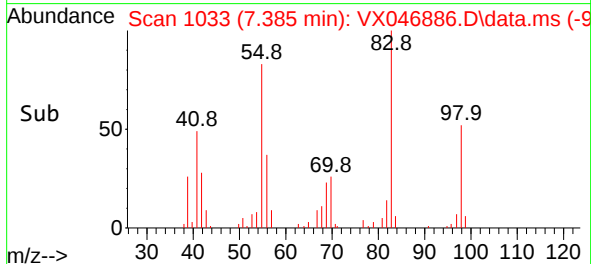
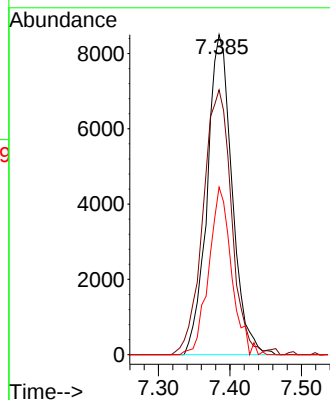
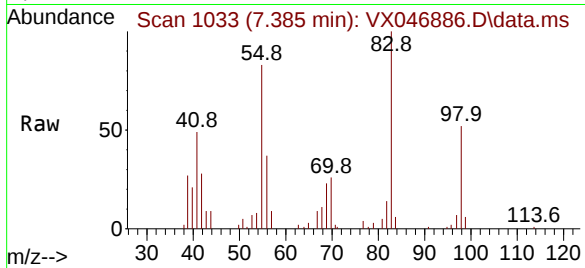




#39
Methylcyclohexane
Concen: 2.009 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

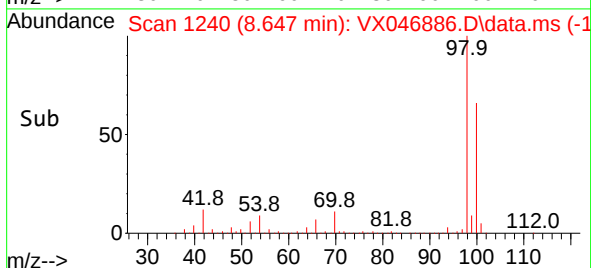
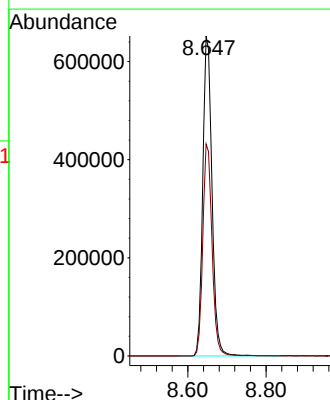
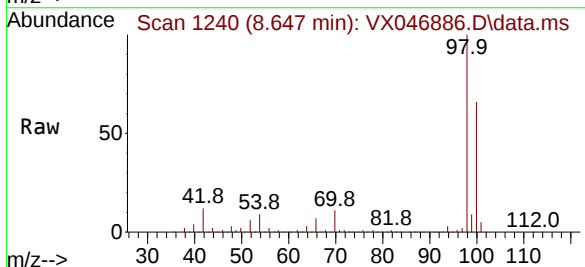
Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

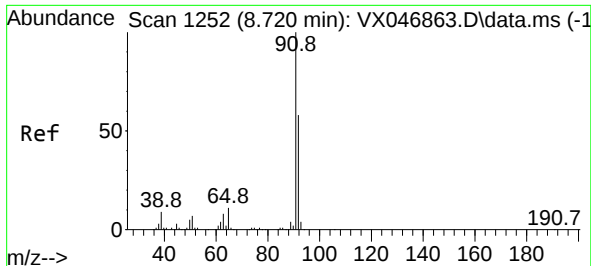
Tgt Ion: 83 Resp: 20561
Ion Ratio Lower Upper
83 100
55 78.1 63.0 94.4
98 49.4 38.5 57.7



#50
Toluene-d8
Concen: 49.920 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Tgt Ion: 98 Resp: 1067887
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6

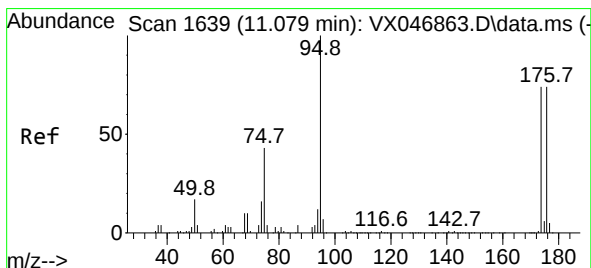
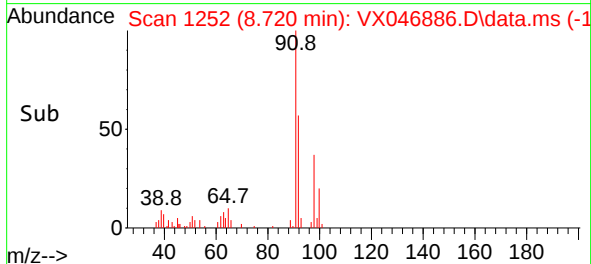
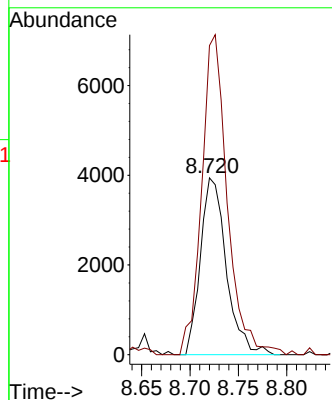
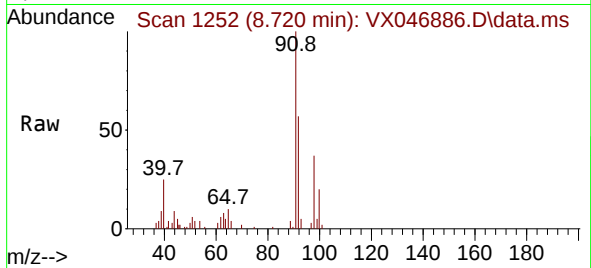




#52
Toluene
Concen: 0.480 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

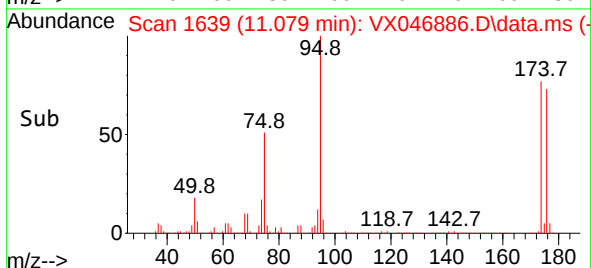
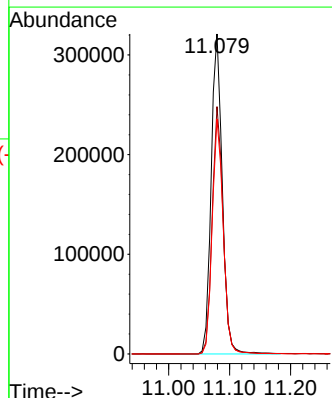
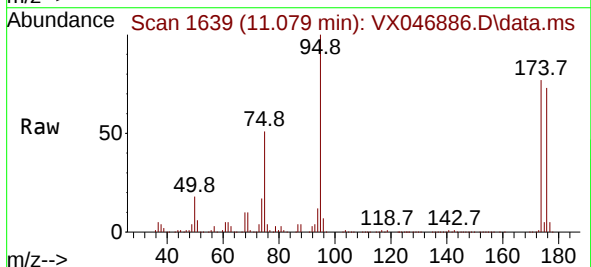
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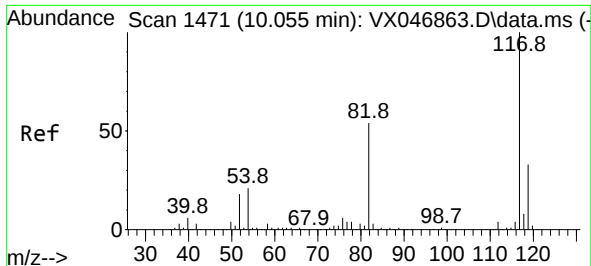
Tgt Ion: 92 Resp: 7353
Ion Ratio Lower Upper
92 100
91 179.5 137.9 206.9



#62
4-Bromofluorobenzene
Concen: 50.065 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Tgt Ion: 95 Resp: 407032
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.0
176 72.8 0.0 145.2

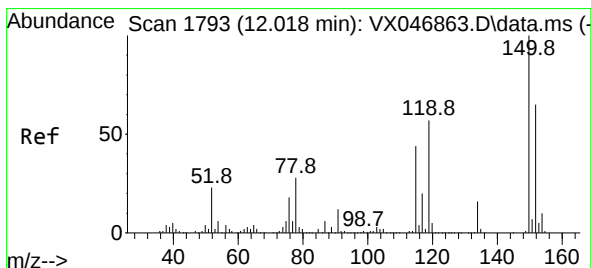
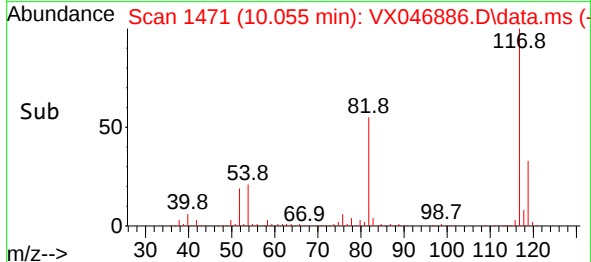
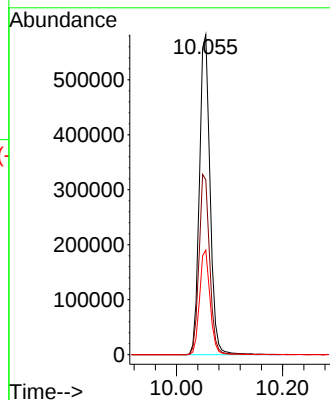
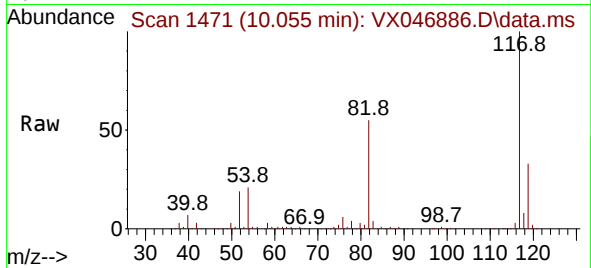




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Tgt Ion:117 Resp: 813566
Ion Ratio Lower Upper
117 100
82 54.7 43.3 64.9
119 32.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Tgt Ion:152 Resp: 408234
Ion Ratio Lower Upper
152 100
115 60.1 42.4 127.1
150 156.3 0.0 349.2

