

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
 Data File : VX047035.D
 Acq On : 16 Jul 2025 16:55
 Operator : JC/MD
 Sample : Q2614-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-MCN-COMP-01

Quant Time: Jul 17 03:38:01 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)

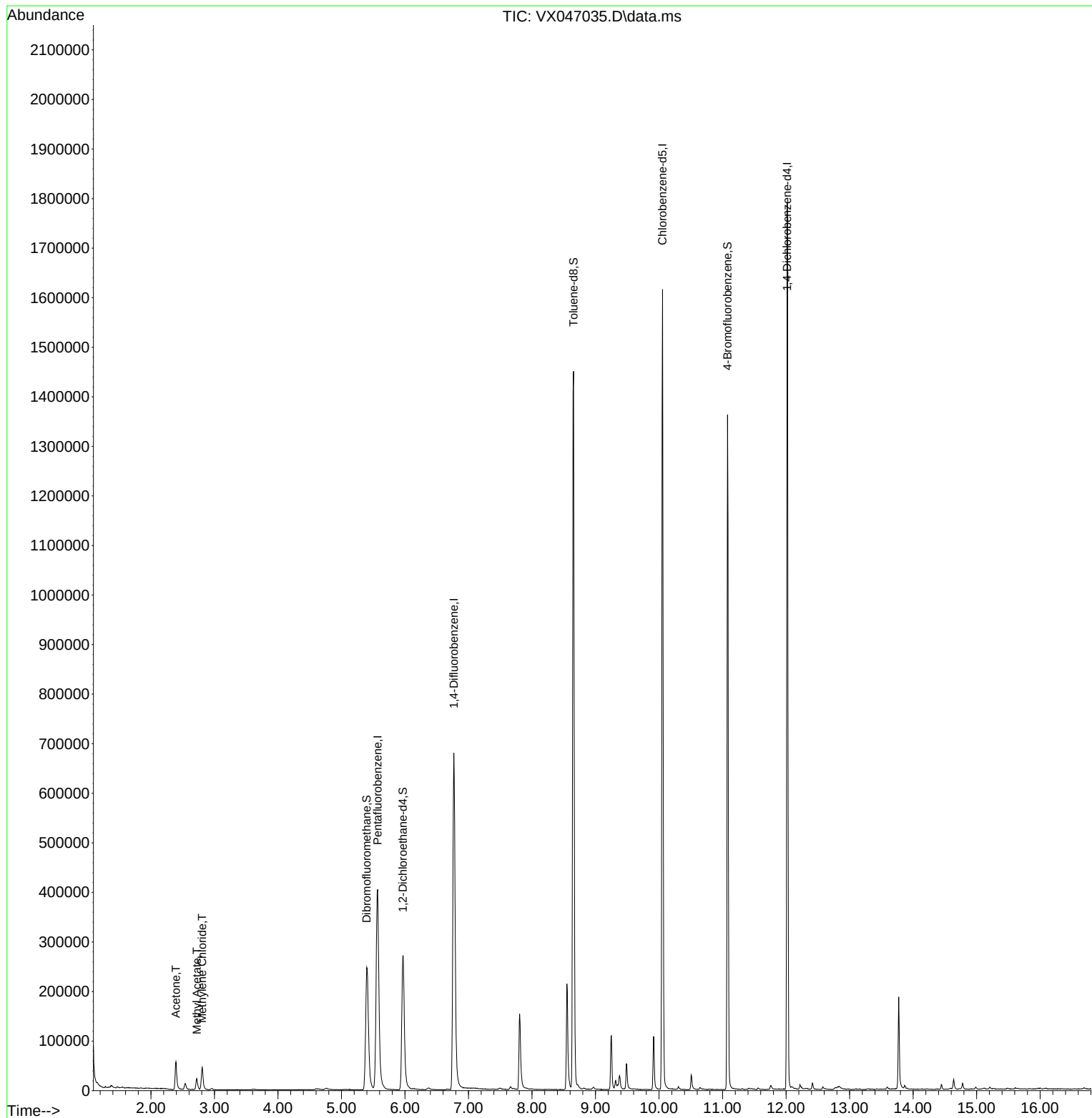
Internal Standards						
1) Pentafluorobenzene	5.568	168	407866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	729605	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	699107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	357335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	283556	52.624	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.240%			
35) Dibromofluoromethane	5.397	113	234914	47.433	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.860%			
50) Toluene-d8	8.653	98	884878	50.640	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.280%			
62) 4-Bromofluorobenzene	11.079	95	372510	56.092	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.180%			
Target Compounds					Qvalue	
16) Acetone	2.392	43	68032	40.647	ug/l	95
18) Methyl Acetate	2.721	43	31401	7.118	ug/l	96
20) Methylene Chloride	2.806	84	22171	4.480	ug/l	94

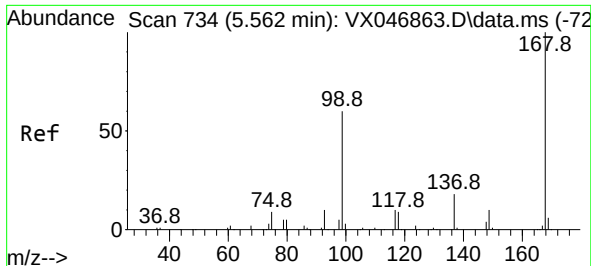
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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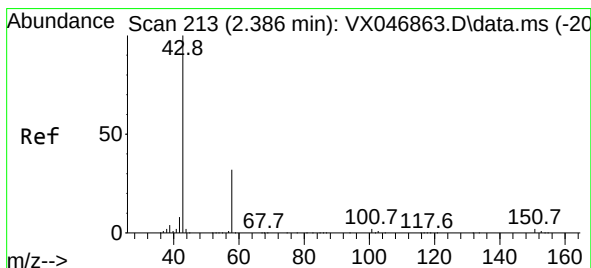
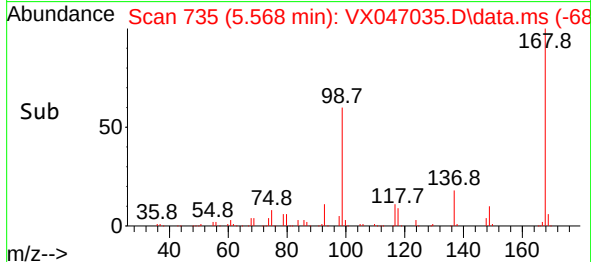
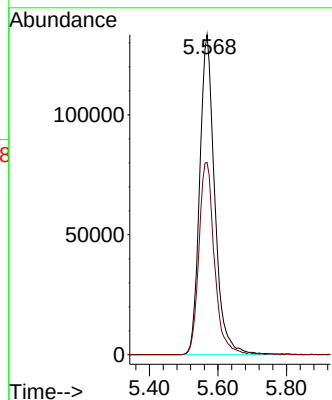
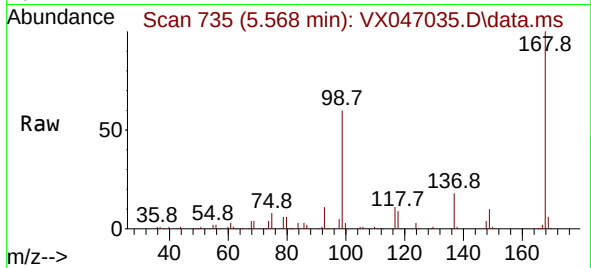




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047035.D
Acq: 16 Jul 2025 16:55

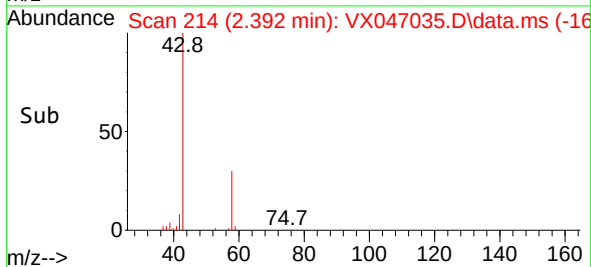
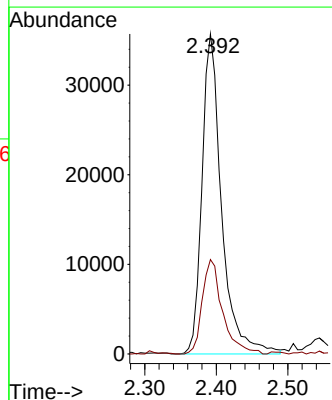
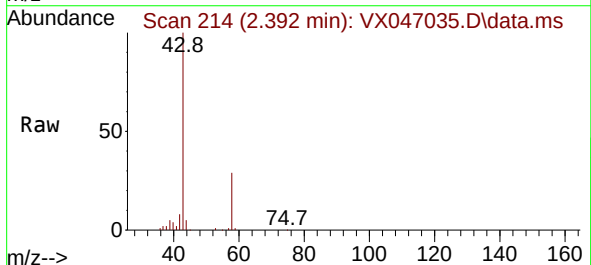
Instrument :
MSVOA_X
ClientSampleId :
HR-MCN-COMP-01

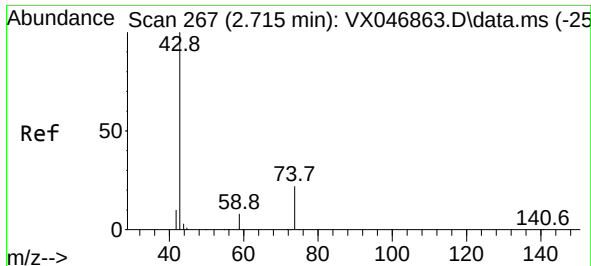
Tgt Ion:168 Resp: 407866
Ion Ratio Lower Upper
168 100
99 60.1 48.8 73.2



#16
Acetone
Concen: 40.647 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047035.D
Acq: 16 Jul 2025 16:55

Tgt Ion: 43 Resp: 68032
Ion Ratio Lower Upper
43 100
58 29.5 25.8 38.6

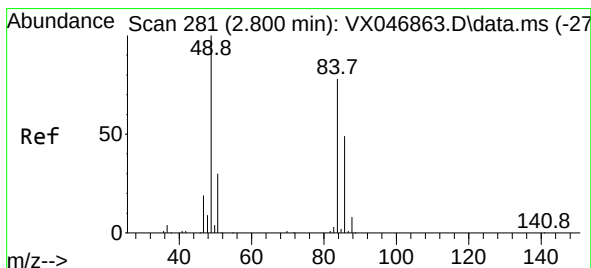
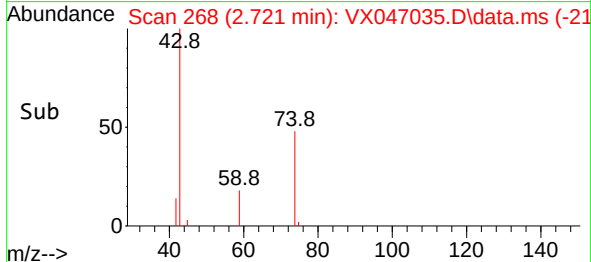
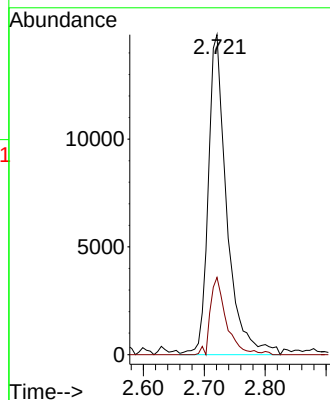
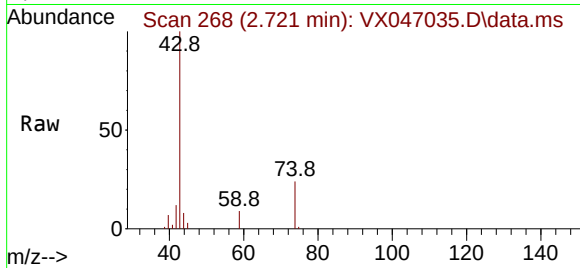




#18
Methyl Acetate
Concen: 7.118 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX047035.D
Acq: 16 Jul 2025 16:55

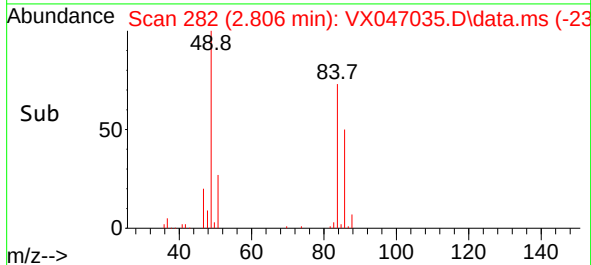
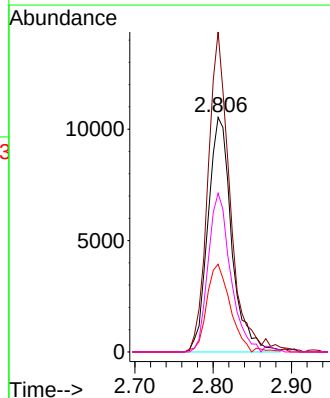
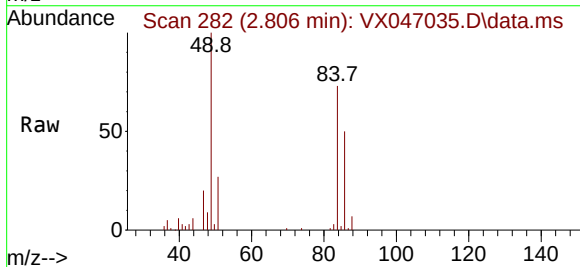
Instrument :
MSVOA_X
ClientSampleId :
HR-MCN-COMP-01

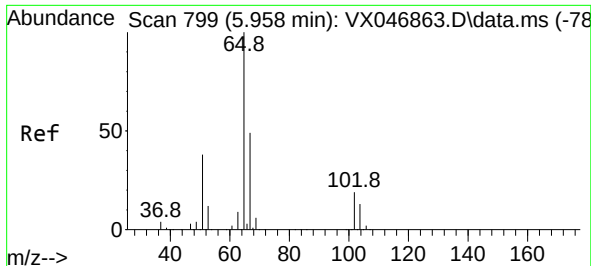
Tgt Ion: 43 Resp: 31401
Ion Ratio Lower Upper
43 100
74 21.0 18.3 27.5



#20
Methylene Chloride
Concen: 4.480 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX047035.D
Acq: 16 Jul 2025 16:55

Tgt Ion: 84 Resp: 22171
Ion Ratio Lower Upper
84 100
49 136.4 102.8 154.2
51 37.4 31.1 46.7
86 67.7 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 52.624 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX047035.D

Acq: 16 Jul 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

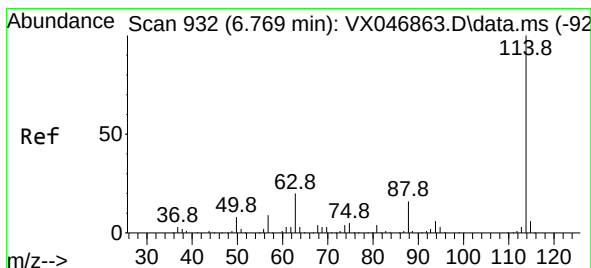
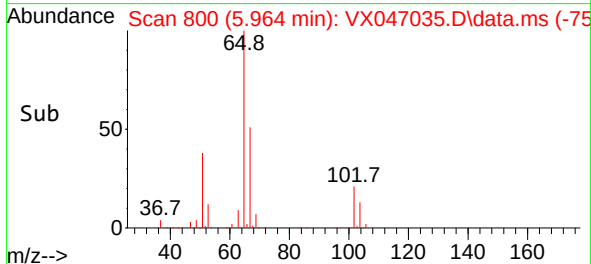
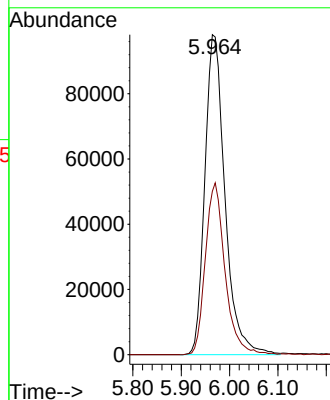
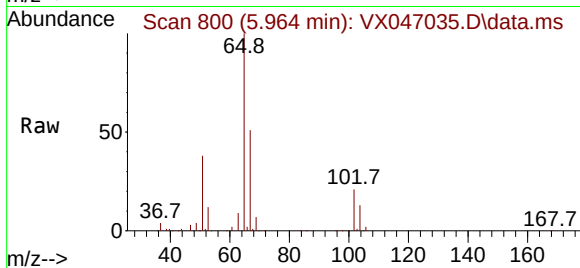
HR-MCN-COMP-01

Tgt Ion: 65 Resp: 283556

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX047035.D

Acq: 16 Jul 2025 16:55

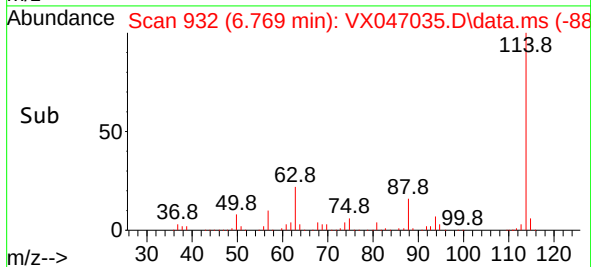
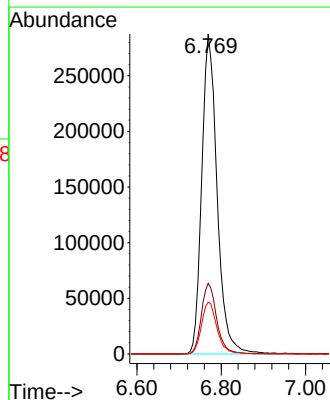
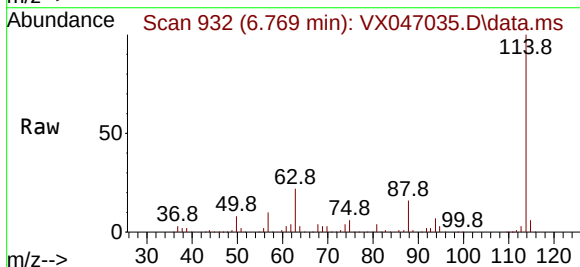
Tgt Ion: 114 Resp: 729605

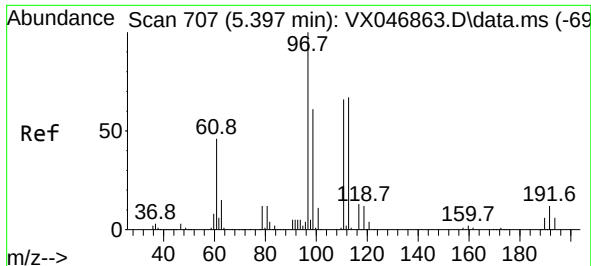
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.4

88 16.2 0.0 31.0

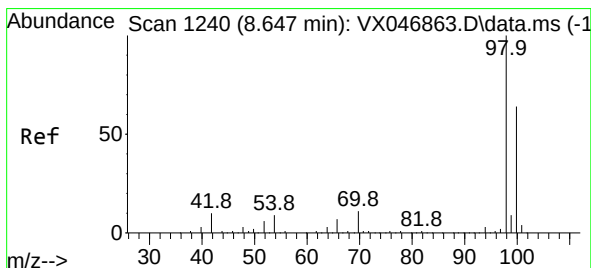
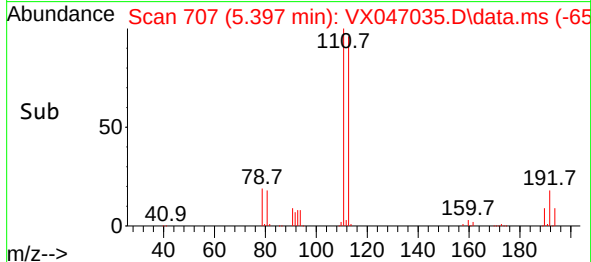
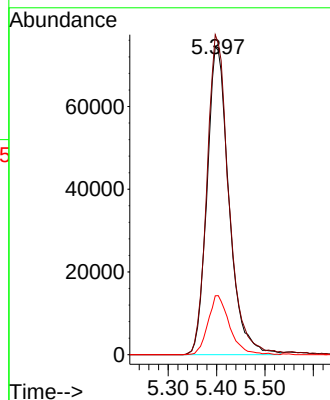
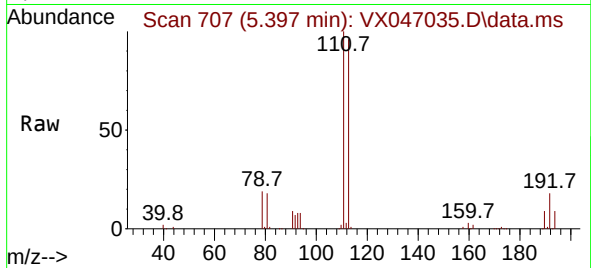




#35
Dibromofluoromethane
Concen: 47.433 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047035.D
Acq: 16 Jul 2025 16:55

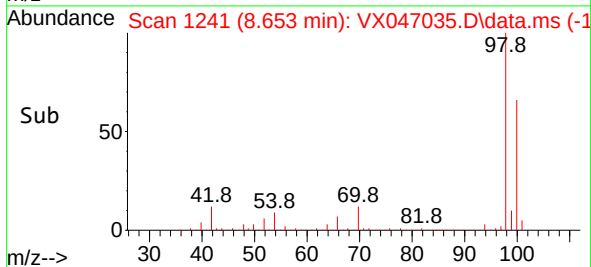
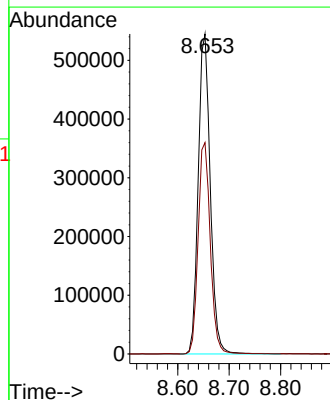
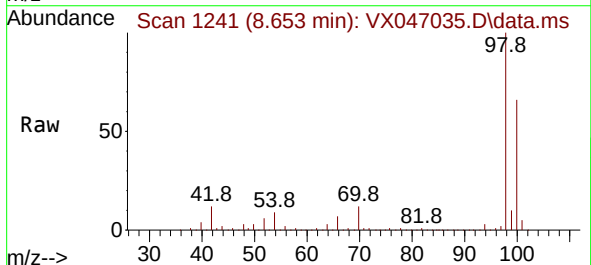
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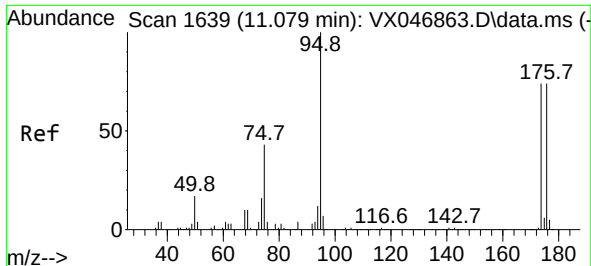
Tgt Ion:113 Resp: 234914
Ion Ratio Lower Upper
113 100
111 103.6 81.2 121.8
192 18.9 15.3 22.9



#50
Toluene-d8
Concen: 50.640 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX047035.D
Acq: 16 Jul 2025 16:55

Tgt Ion: 98 Resp: 884878
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6

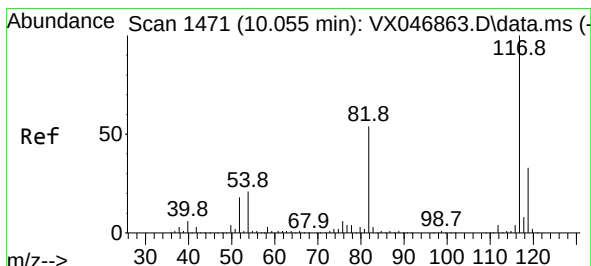
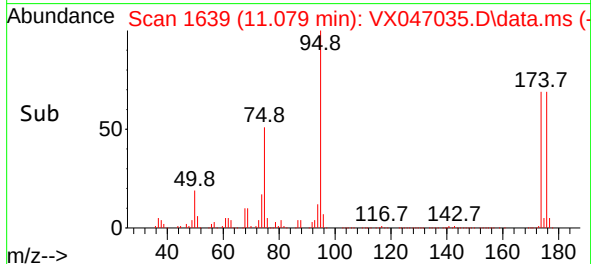
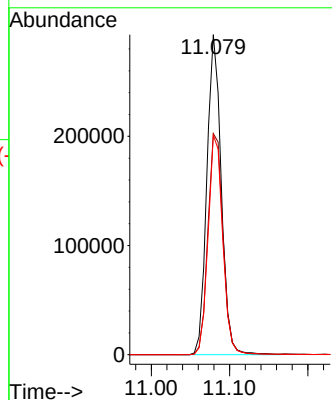
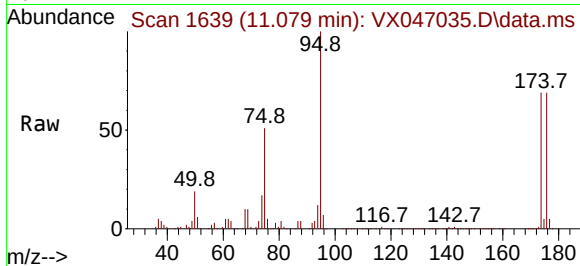




#62
4-Bromofluorobenzene
Concen: 56.092 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047035.D
Acq: 16 Jul 2025 16:55

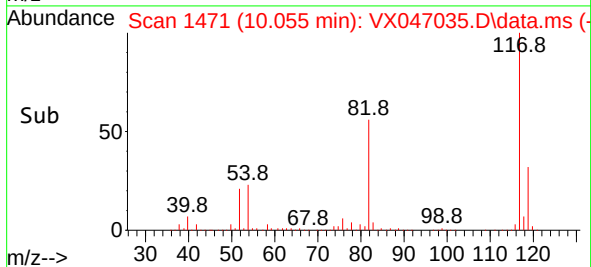
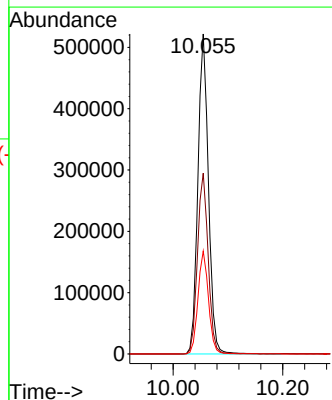
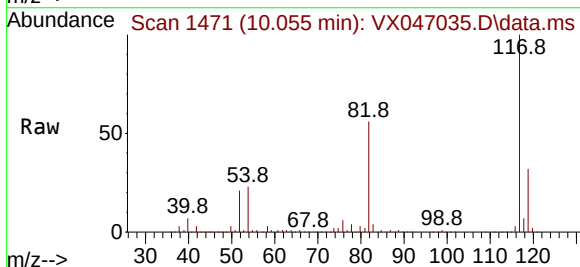
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MSVOA_X
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HR-MCN-COMP-01

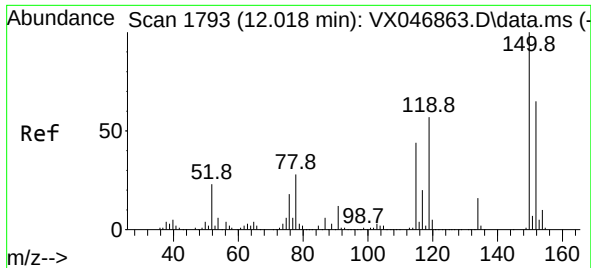
Tgt Ion: 95 Resp: 372510
Ion Ratio Lower Upper
95 100
174 72.7 0.0 152.0
176 70.1 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047035.D
Acq: 16 Jul 2025 16:55

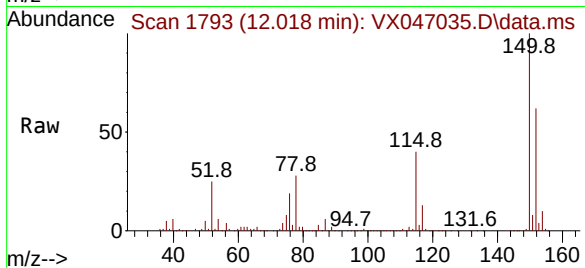
Tgt Ion: 117 Resp: 699107
Ion Ratio Lower Upper
117 100
82 56.5 43.3 64.9
119 32.2 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047035.D
 Acq: 16 Jul 2025 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-MCN-COMP-01



Tgt Ion:152 Resp: 357335
 Ion Ratio Lower Upper
 152 100
 115 61.9 42.4 127.1
 150 156.7 0.0 349.2

