

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
 Data File : VX047123.D
 Acq On : 24 Jul 2025 16:15
 Operator : JC/MD
 Sample : Q2481-17 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0267-OXPL

Quant Time: Jul 25 01:25:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

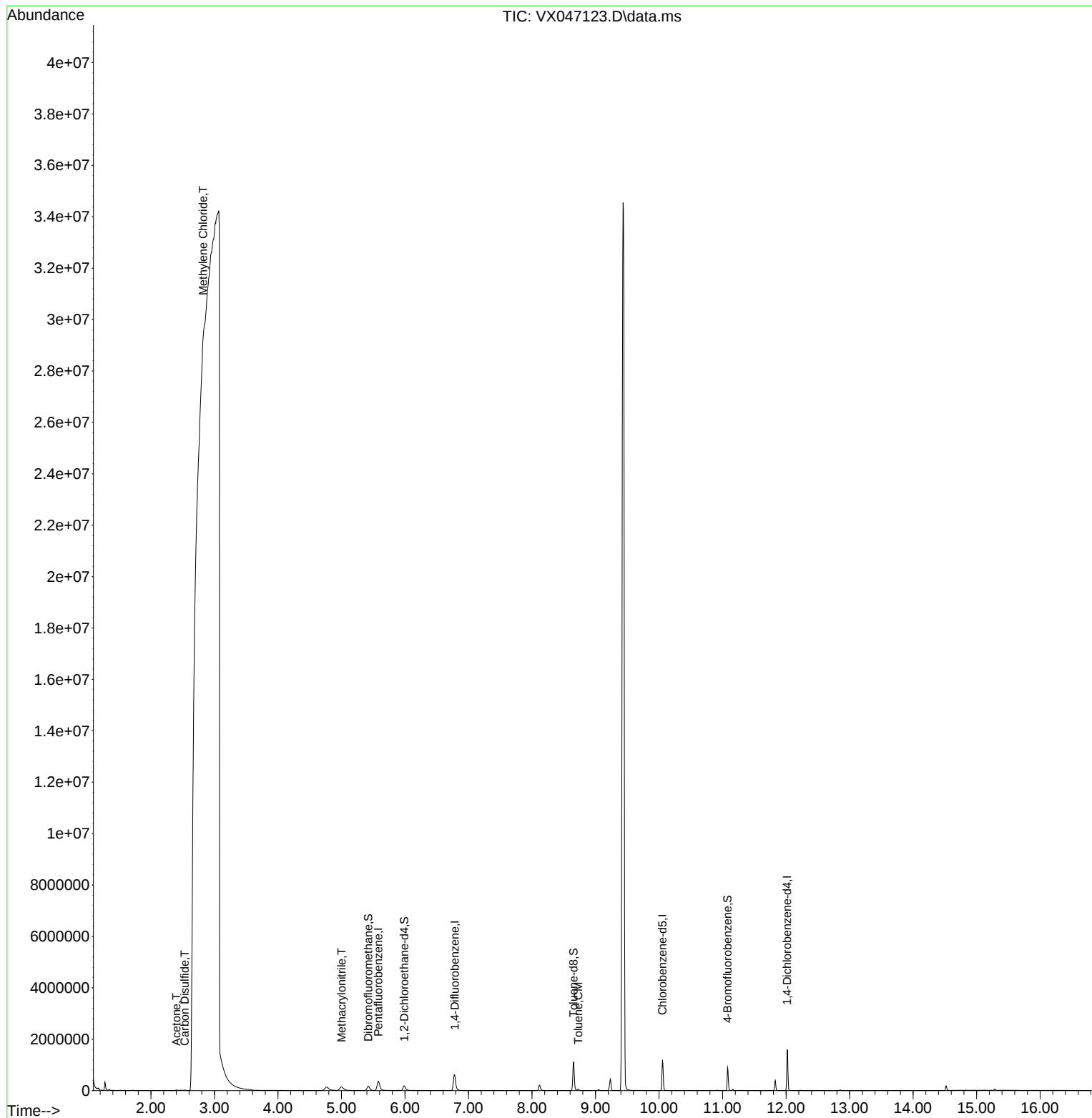
Internal Standards						
1) Pentafluorobenzene	5.580	168	354820	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	6.781	114	677494	50.000	ug/l	0.01
63) Chlorobenzene-d5	10.055	117	521532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	319546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.988	65	197936	44.783	ug/l	0.02
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.560%
35) Dibromofluoromethane	5.421	113	157137	37.565	ug/l	0.02
Spiked Amount	50.000	Range	75 - 124	Recovery	=	75.140%
50) Toluene-d8	8.652	98	660641	48.767	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.540%
62) 4-Bromofluorobenzene	11.079	95	237060	40.607	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.220%#
Target Compounds						
					Qvalue	
16) Acetone	2.397	43	50396	28.462	ug/l	93
17) Carbon Disulfide	2.532	76	34985	2.712	ug/l	100
20) Methylene Chloride	2.818	84	442818	90.905	ug/l	88
41) Methacrylonitrile	5.001	41	157014	45.705	ug/l	97
52) Toluene	8.726	92	23199	1.828	ug/l	96

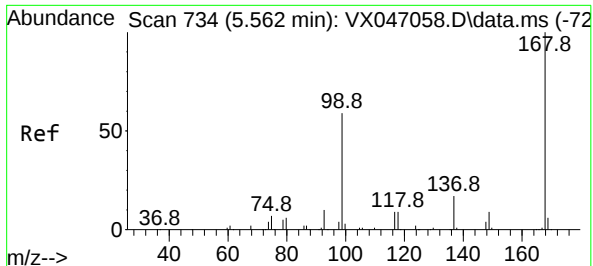
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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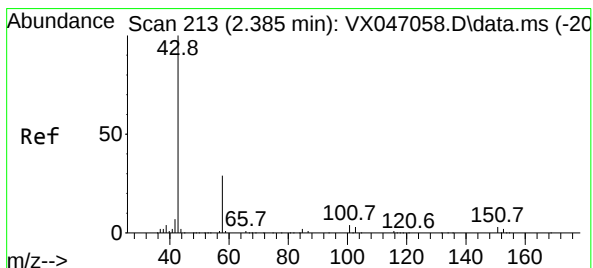
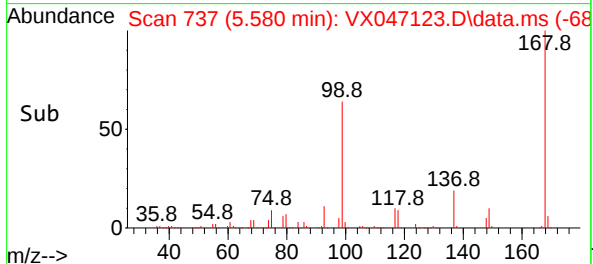
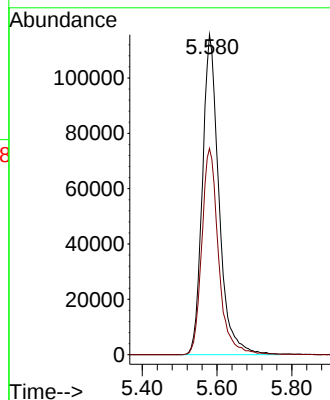
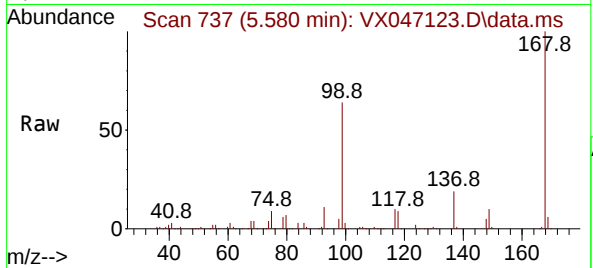




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.580 min Scan# 71
Delta R.T. 0.018 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

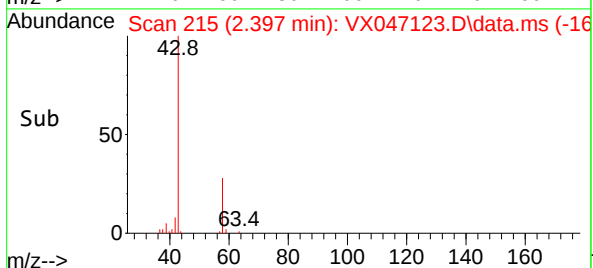
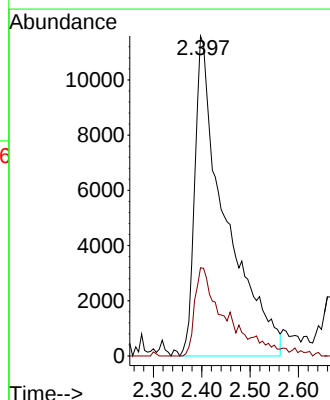
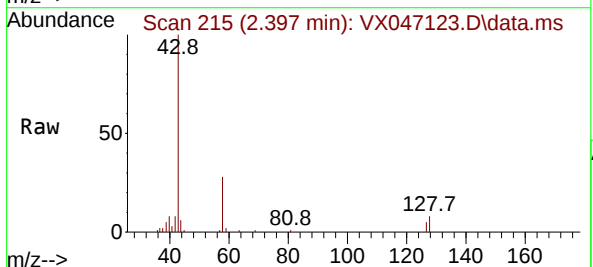
Instrument :
MSVOA_X
ClientSampleId :
CC0267-OXPL

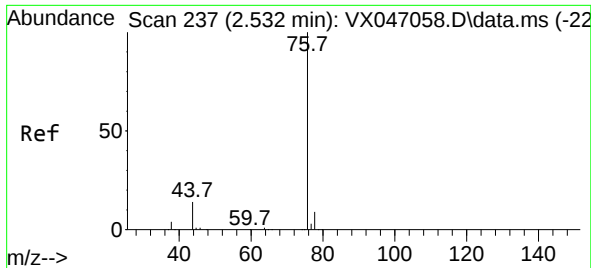
Tgt Ion:168 Resp: 354820
Ion Ratio Lower Upper
168 100
99 64.4 48.0 72.0



#16
Acetone
Concen: 28.462 ug/l
RT: 2.397 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

Tgt Ion: 43 Resp: 50396
Ion Ratio Lower Upper
43 100
58 26.0 24.0 36.0

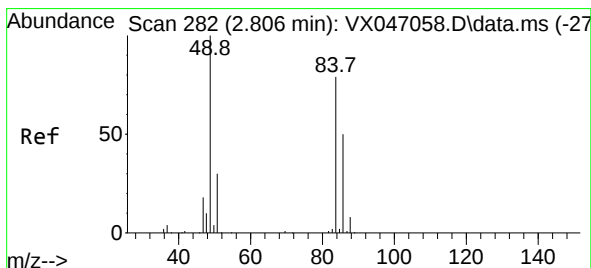
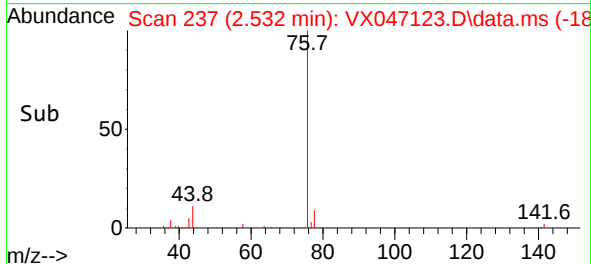
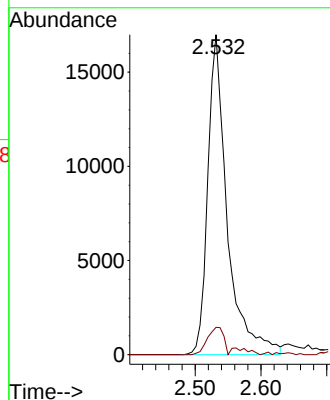
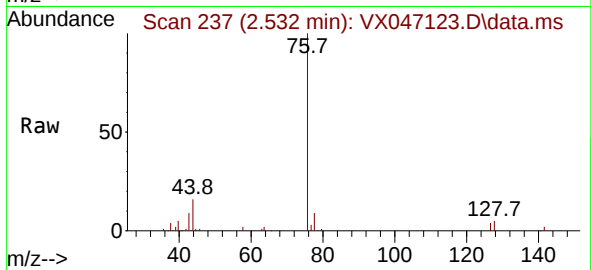




#17
Carbon Disulfide
Concen: 2.712 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

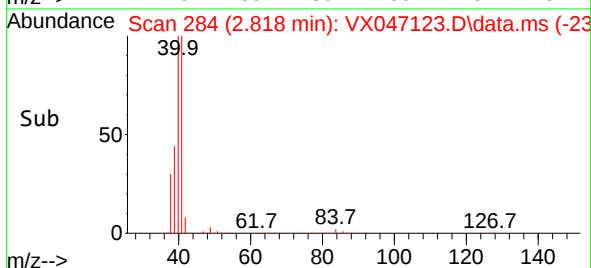
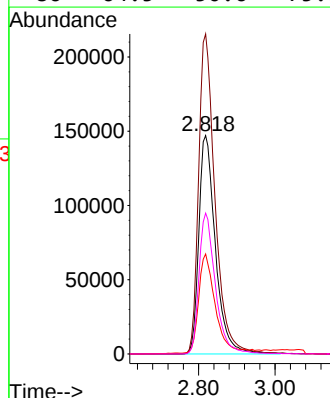
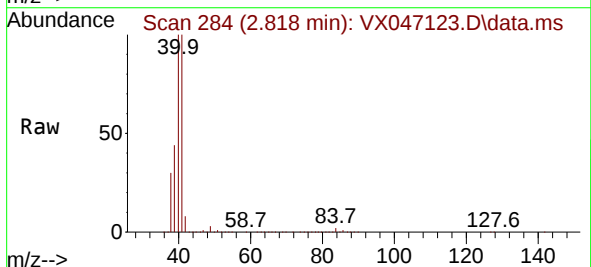
Instrument :
MSVOA_X
ClientSampleId :
CC0267-OXPL

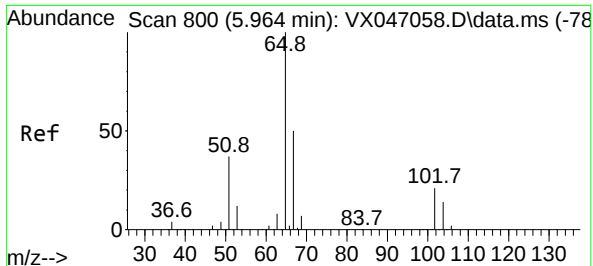
Tgt Ion: 76 Resp: 34985
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4



#20
Methylene Chloride
Concen: 90.905 ug/l
RT: 2.818 min Scan# 284
Delta R.T. 0.012 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

Tgt Ion: 84 Resp: 442818
Ion Ratio Lower Upper
84 100
49 146.5 101.6 152.4
51 45.4 30.3 45.5
86 64.5 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 44.783 ug/l

RT: 5.988 min Scan# 800

Delta R.T. 0.024 min

Lab File: VX047123.D

Acq: 24 Jul 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

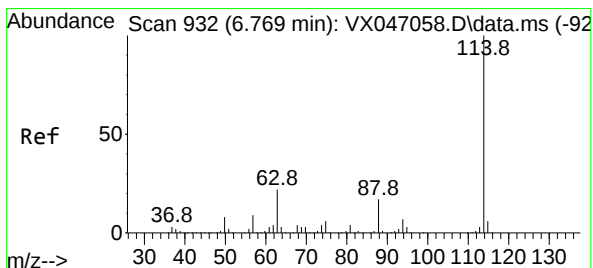
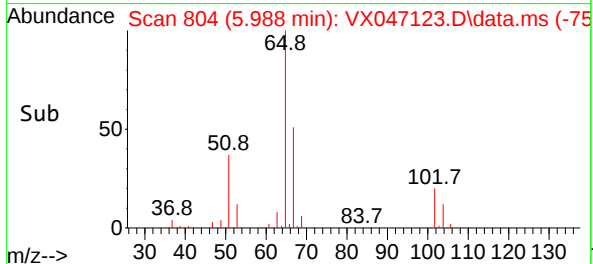
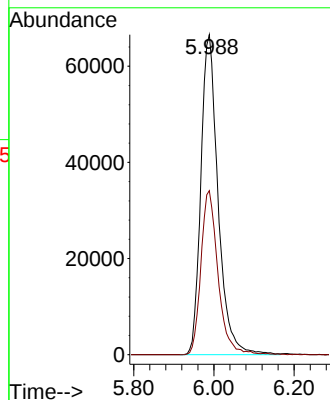
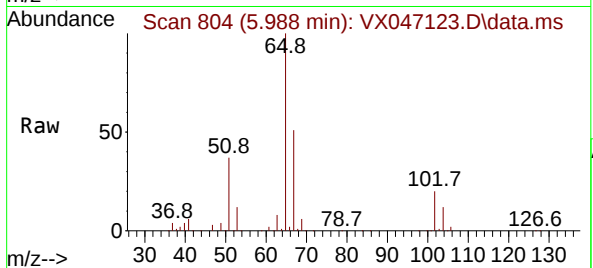
CC0267-OXPL

Tgt Ion: 65 Resp: 197936

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.781 min Scan# 934

Delta R.T. 0.012 min

Lab File: VX047123.D

Acq: 24 Jul 2025 16:15

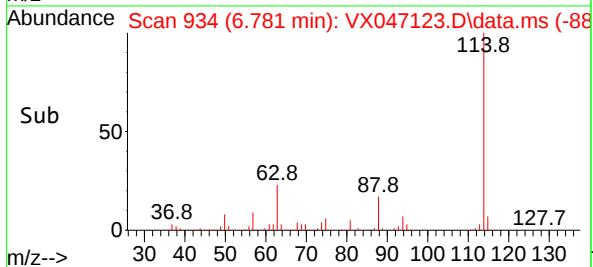
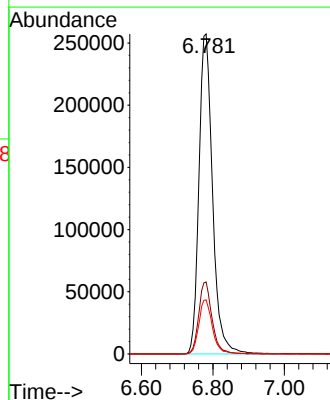
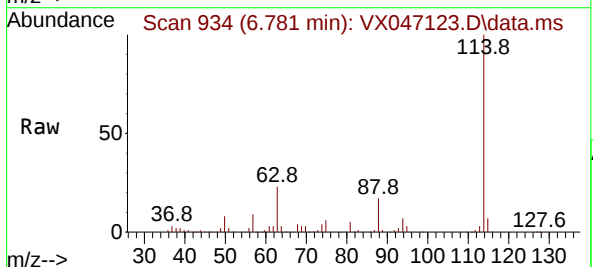
Tgt Ion: 114 Resp: 677494

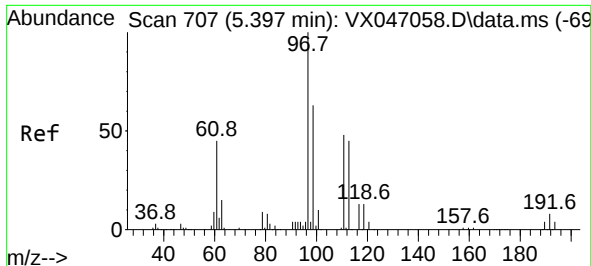
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.2

88 16.9 0.0 33.8

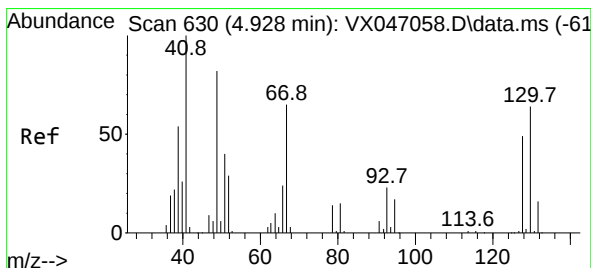
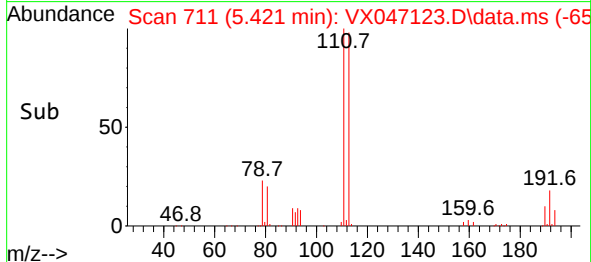
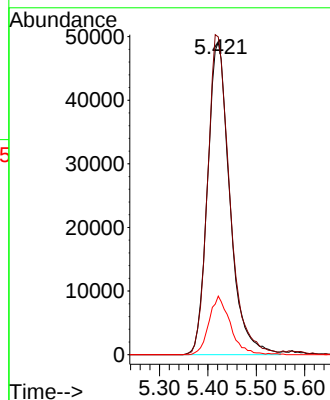
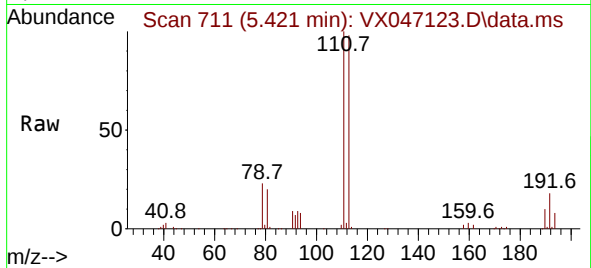




#35
Dibromofluoromethane
Concen: 37.565 ug/l
RT: 5.421 min Scan# 711
Delta R.T. 0.024 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

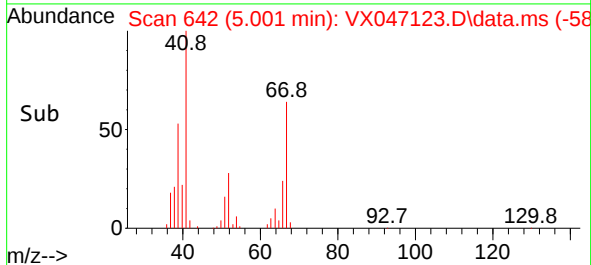
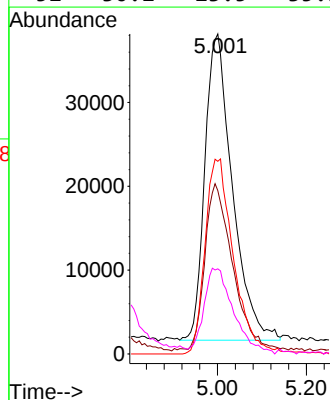
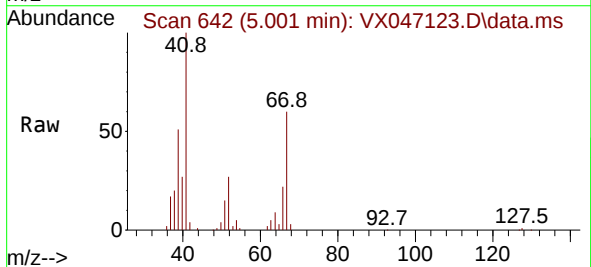
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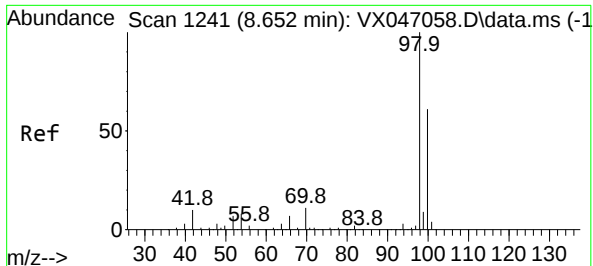
Tgt Ion:113 Resp: 157137
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 17.9 14.9 22.3



#41
Methacrylonitrile
Concen: 45.705 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.073 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

Tgt Ion: 41 Resp: 157014
Ion Ratio Lower Upper
41 100
39 55.7 44.2 66.2
67 65.7 56.4 84.6
52 30.2 23.5 35.3

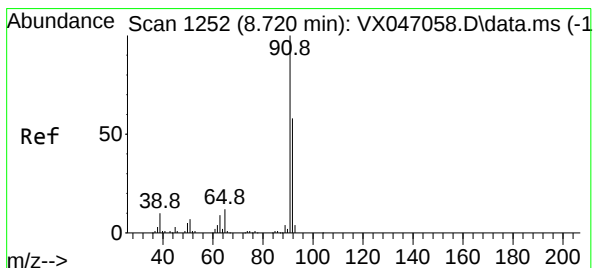
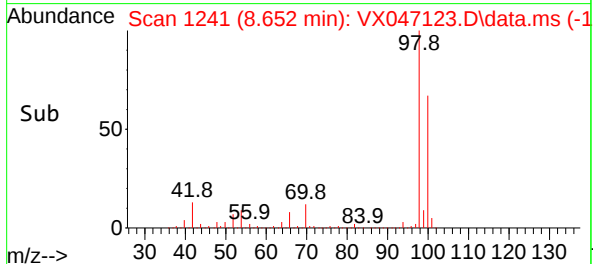
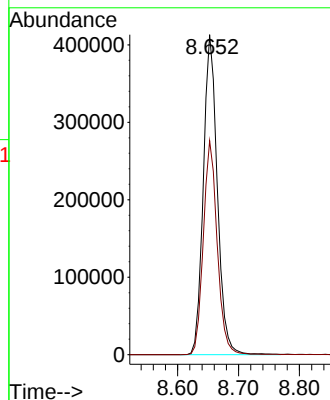
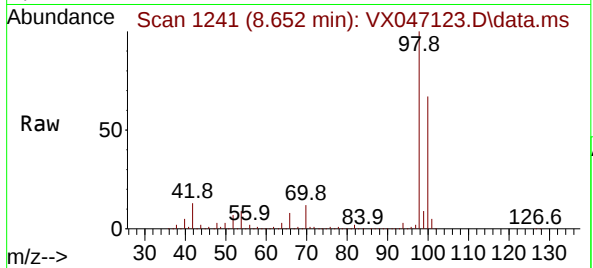




#50
Toluene-d8
Concen: 48.767 ug/l
RT: 8.652 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

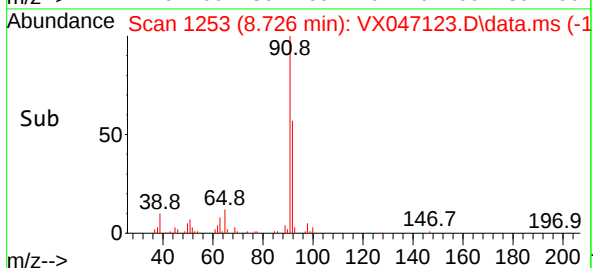
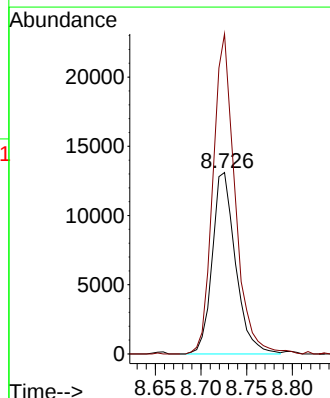
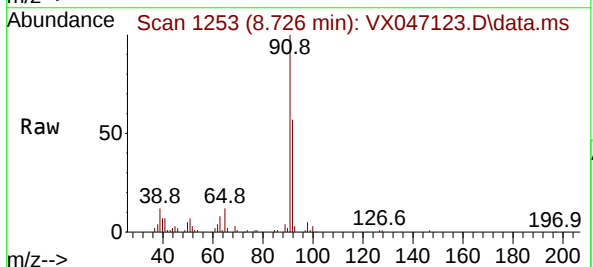
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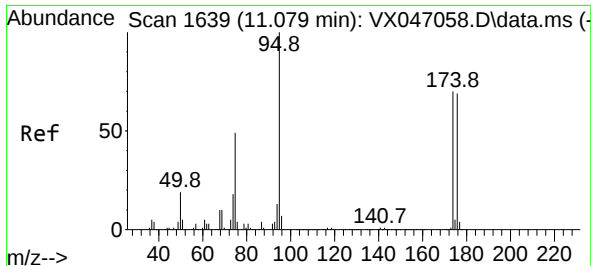
Tgt Ion: 98 Resp: 660641
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



#52
Toluene
Concen: 1.828 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

Tgt Ion: 92 Resp: 23199
Ion Ratio Lower Upper
92 100
91 167.2 137.9 206.9

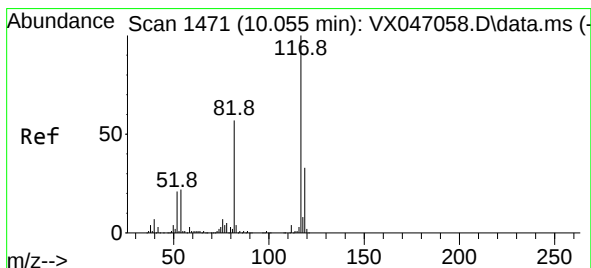
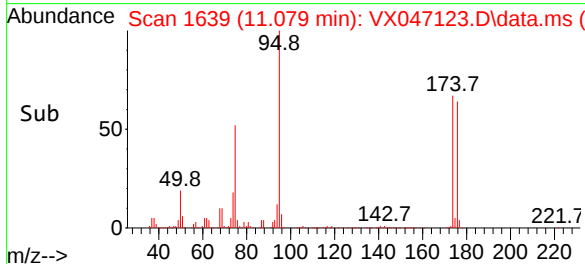
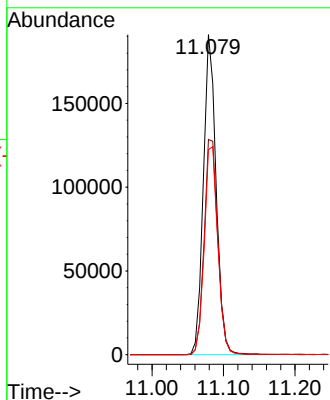
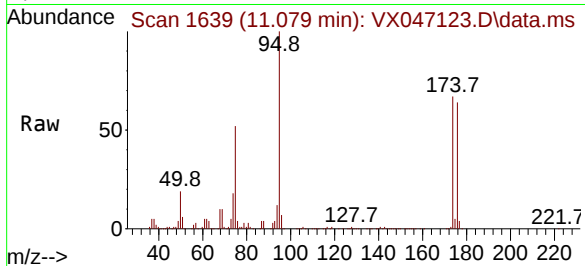




#62
4-Bromofluorobenzene
Concen: 40.607 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

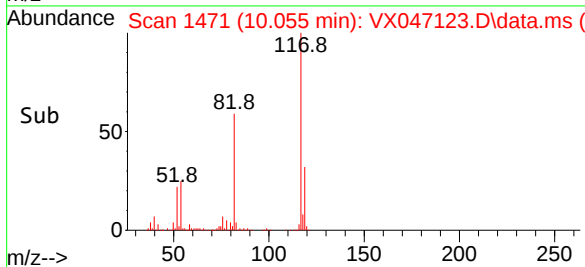
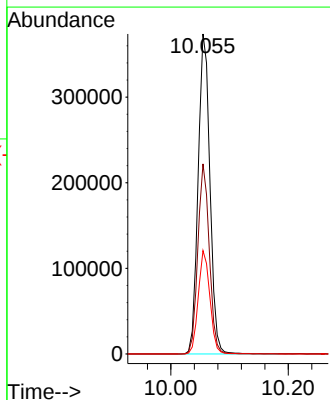
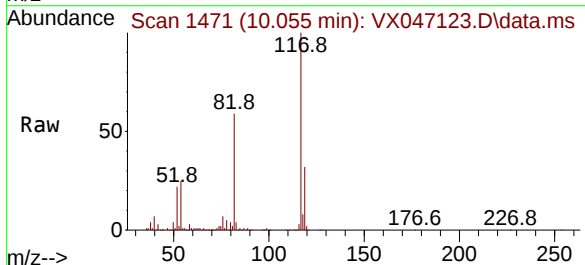
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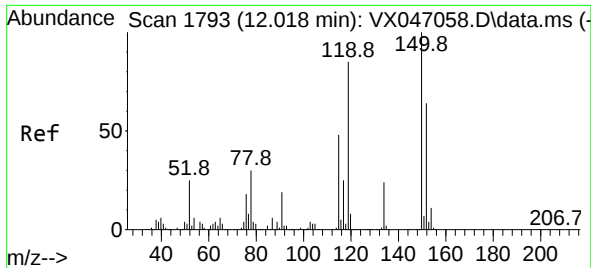
Tgt Ion: 95 Resp: 237060
Ion Ratio Lower Upper
95 100
174 72.4 0.0 144.6
176 69.2 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047123.D
Acq: 24 Jul 2025 16:15

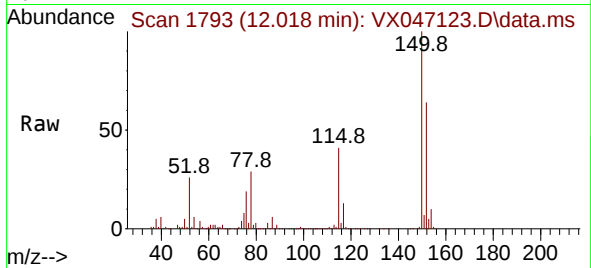
Tgt Ion: 117 Resp: 521532
Ion Ratio Lower Upper
117 100
82 59.4 45.4 68.2
119 32.3 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047123.D
 Acq: 24 Jul 2025 16:15

Instrument :
 MSVOA_X
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Tgt Ion:152 Resp: 319546
 Ion Ratio Lower Upper
 152 100
 115 61.3 45.6 136.7
 150 156.0 0.0 354.6

