

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047419.D
 Acq On : 19 Aug 2025 17:39
 Operator : JC/MD
 Sample : Q2815-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-84SB-W

Quant Time: Aug 20 01:30:29 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)

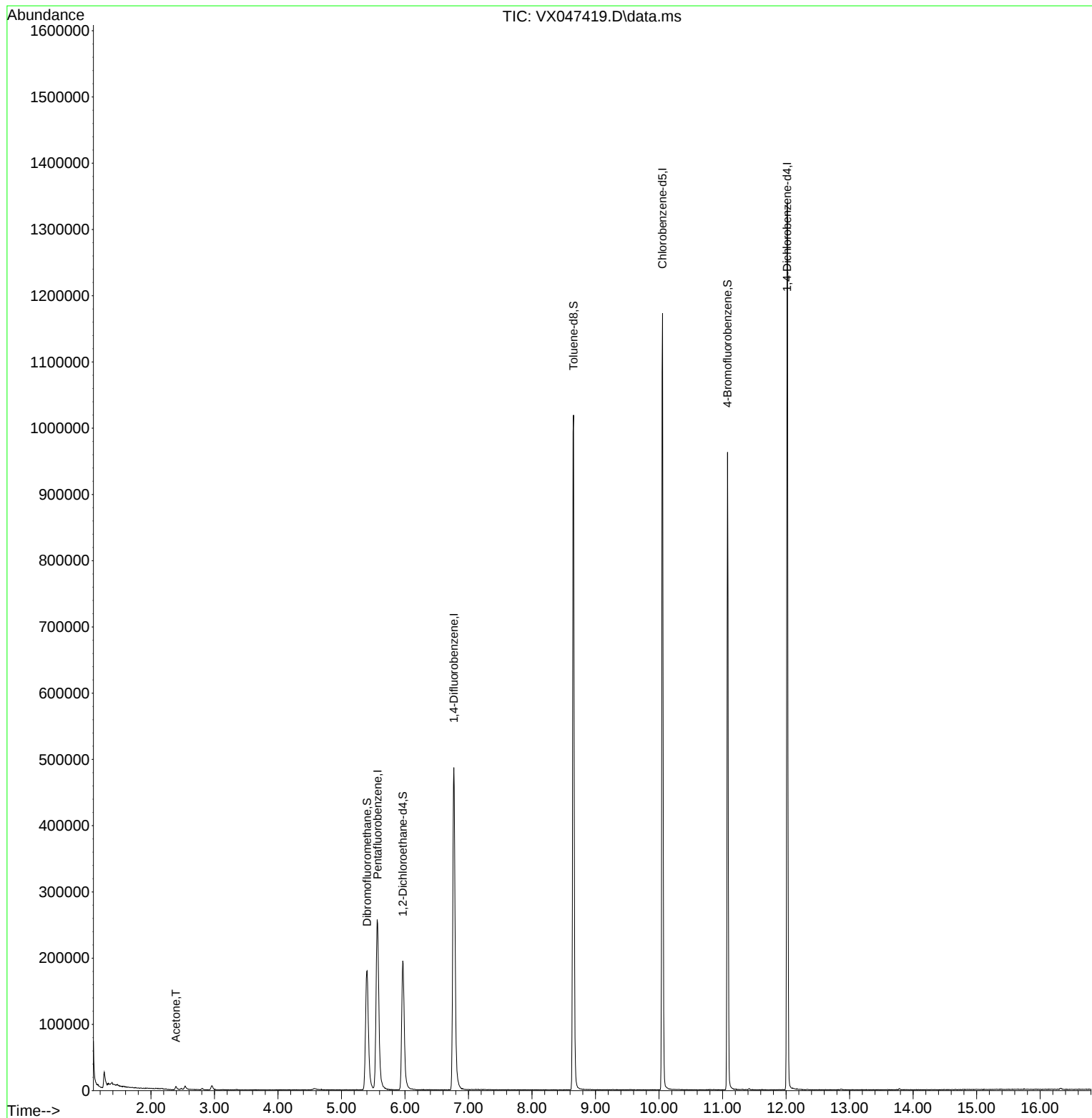
Internal Standards						
1) Pentafluorobenzene	5.568	168	257962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	524123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	526082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	264563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	206988	57.333	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.660%	
35) Dibromofluoromethane	5.404	113	174696	51.357	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.720%	
50) Toluene-d8	8.653	98	621257	51.098	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	11.079	95	251572	56.071	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.140%	
Target Compounds						
16) Acetone	2.392	43	6455	4.757	ug/l	Qvalue 95

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

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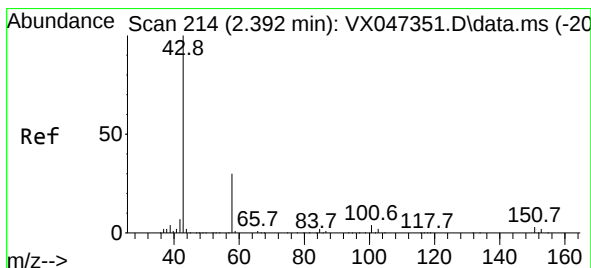
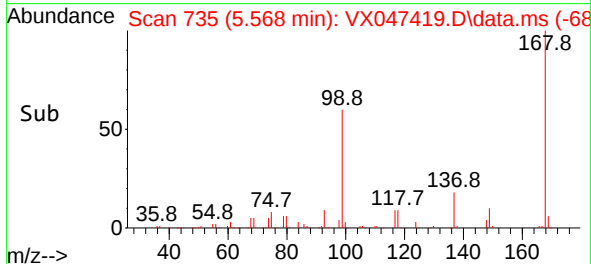
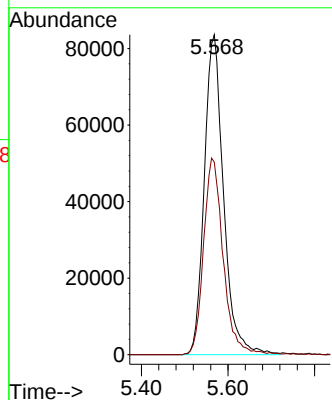
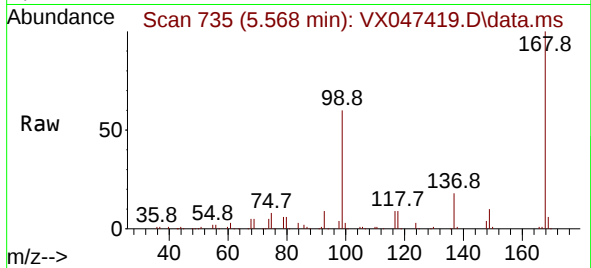




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047419.D
Acq: 19 Aug 2025 17:39

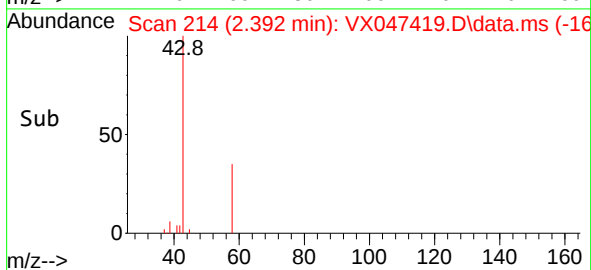
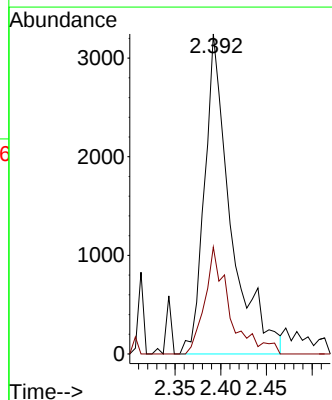
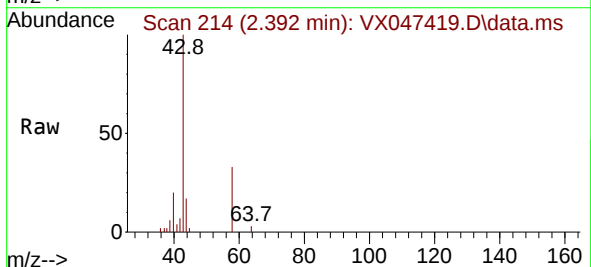
Instrument :
MSVOA_X
ClientSampleId :
TW-84SB-W

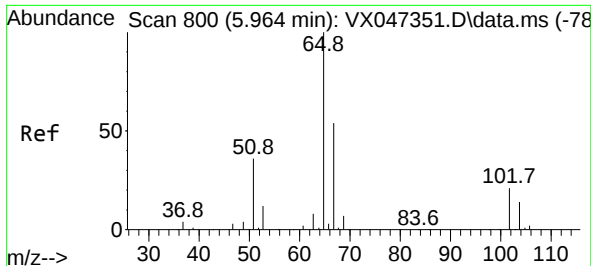
Tgt Ion:168 Resp: 257962
Ion Ratio Lower Upper
168 100
99 60.1 47.9 71.9



#16
Acetone
Concen: 4.757 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047419.D
Acq: 19 Aug 2025 17:39

Tgt Ion: 43 Resp: 6455
Ion Ratio Lower Upper
43 100
58 28.5 24.8 37.2

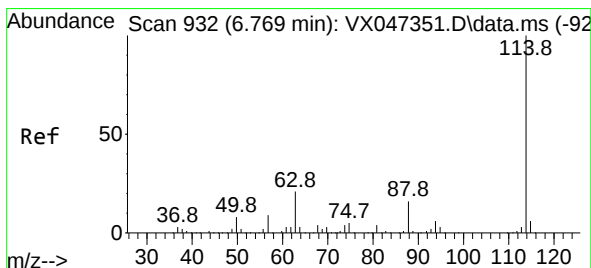
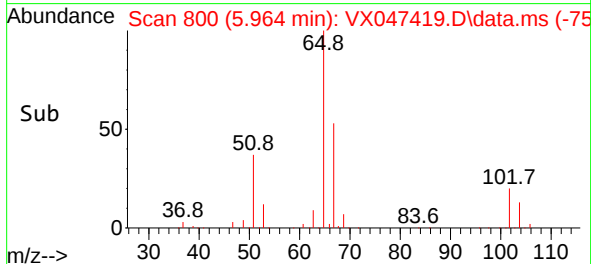
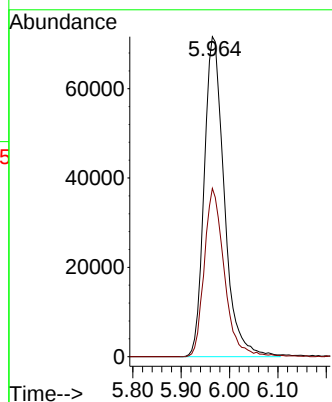
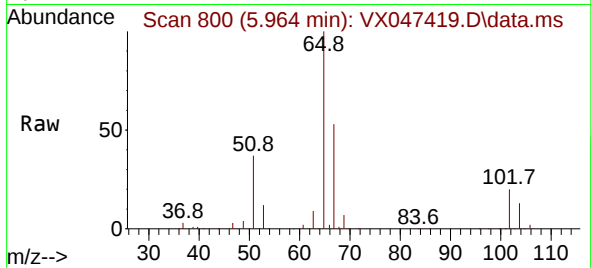




#33
 1,2-Dichloroethane-d4
 Concen: 57.333 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047419.D
 Acq: 19 Aug 2025 17:39

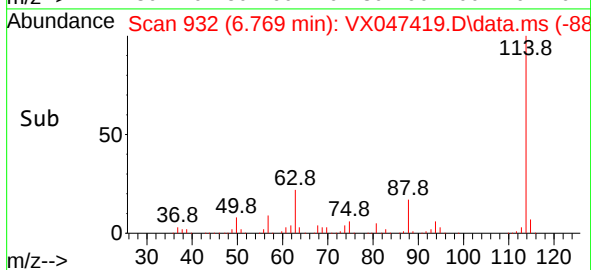
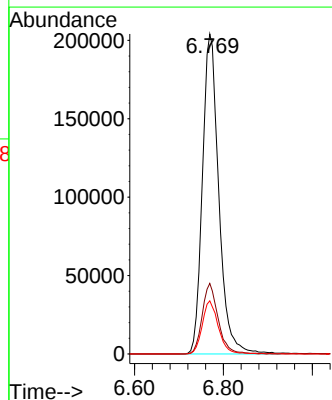
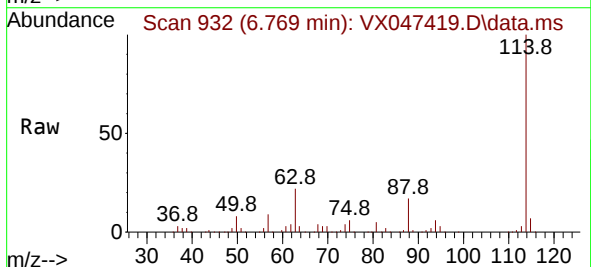
Instrument :
 MSVOA_X
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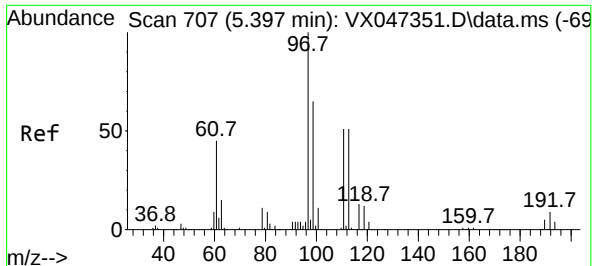
Tgt Ion: 65 Resp: 206988
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047419.D
 Acq: 19 Aug 2025 17:39

Tgt Ion: 114 Resp: 524123
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 42.4
 88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.357 ug/l

RT: 5.404 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX047419.D

Acq: 19 Aug 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

TW-84SB-W

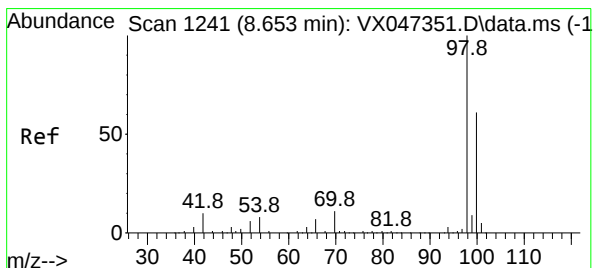
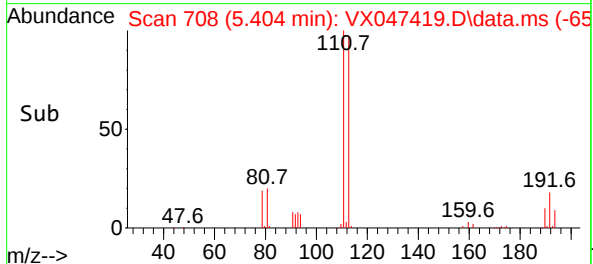
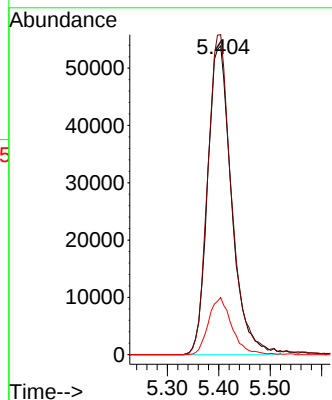
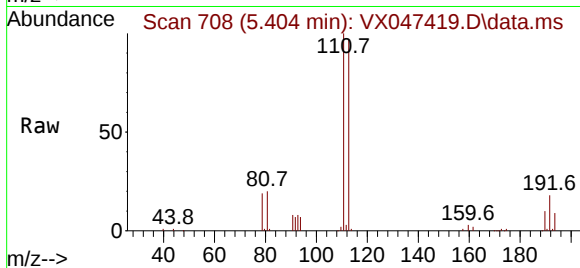
Tgt Ion:113 Resp: 174696

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.2

192 18.0 14.1 21.1



#50

Toluene-d8

Concen: 51.098 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047419.D

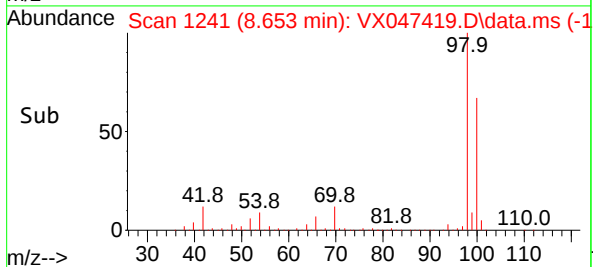
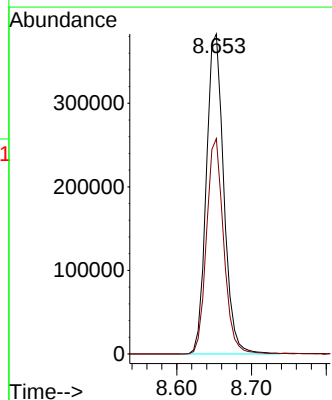
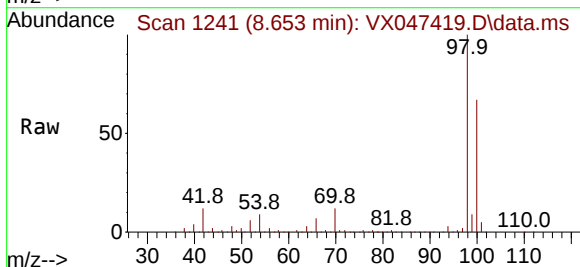
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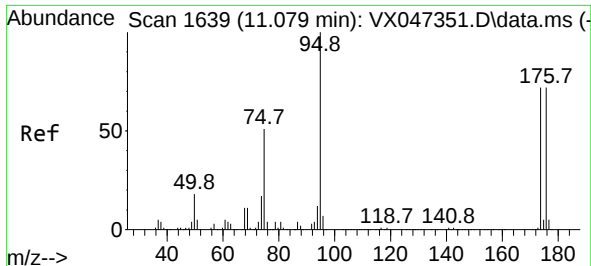
Tgt Ion: 98 Resp: 621257

Ion Ratio Lower Upper

98 100

100 66.2 53.9 80.9

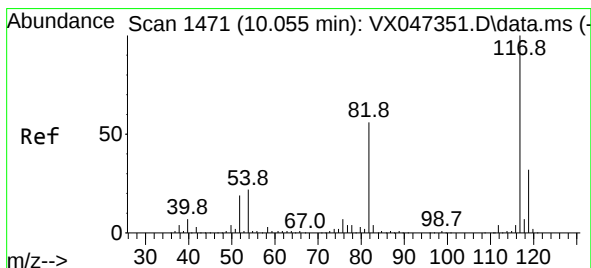
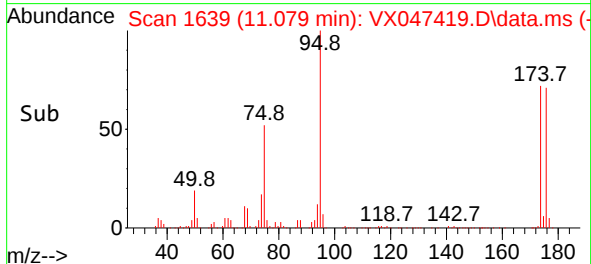
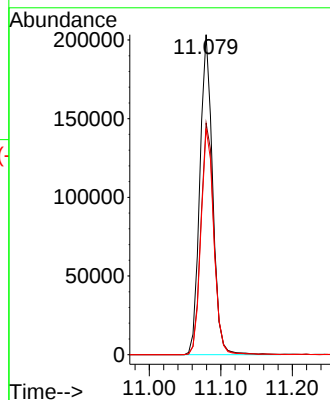
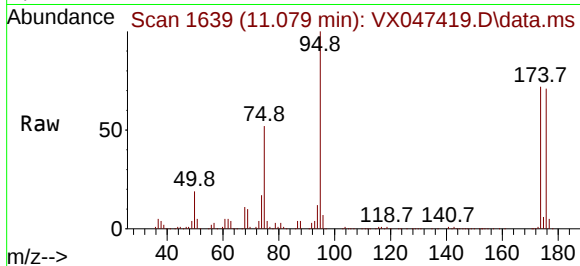




#62
4-Bromofluorobenzene
Concen: 56.071 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047419.D
Acq: 19 Aug 2025 17:39

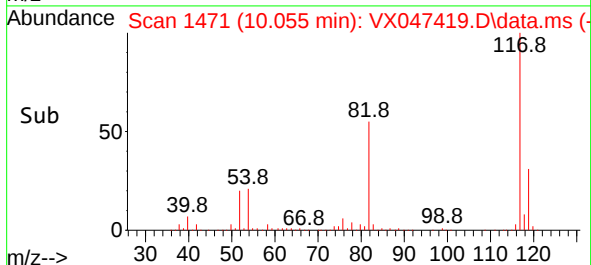
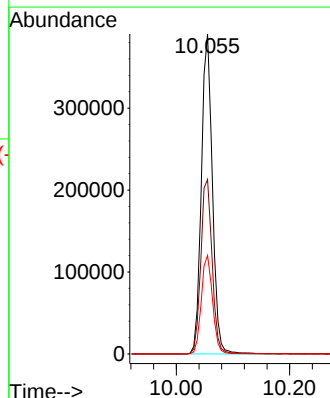
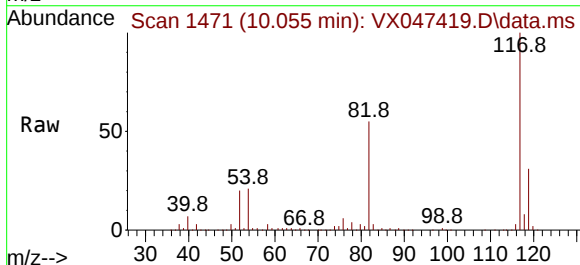
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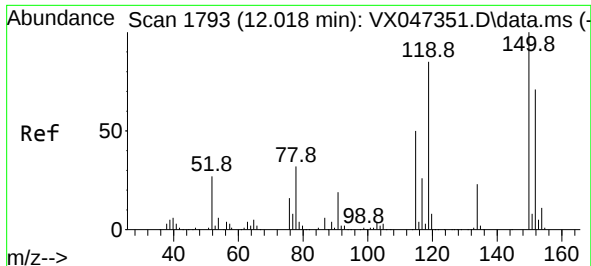
Tgt Ion: 95 Resp: 251572
Ion Ratio Lower Upper
95 100
174 74.4 0.0 148.0
176 71.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047419.D
Acq: 19 Aug 2025 17:39

Tgt Ion: 117 Resp: 526082
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 30.8 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047419.D

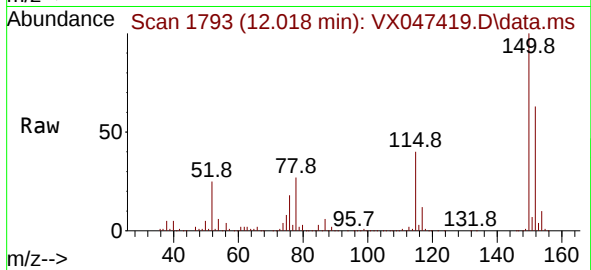
Acq: 19 Aug 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

TW-84SB-W



Tgt Ion:152 Resp: 264563

Ion Ratio Lower Upper

152 100

115 61.2 44.6 133.8

150 158.2 0.0 349.8

