

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046592.D
 Acq On : 10 Jun 2025 11:27
 Operator : JC/MD
 Sample : Q2262-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ARS20-0001

Quant Time: Jun 11 01:44:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

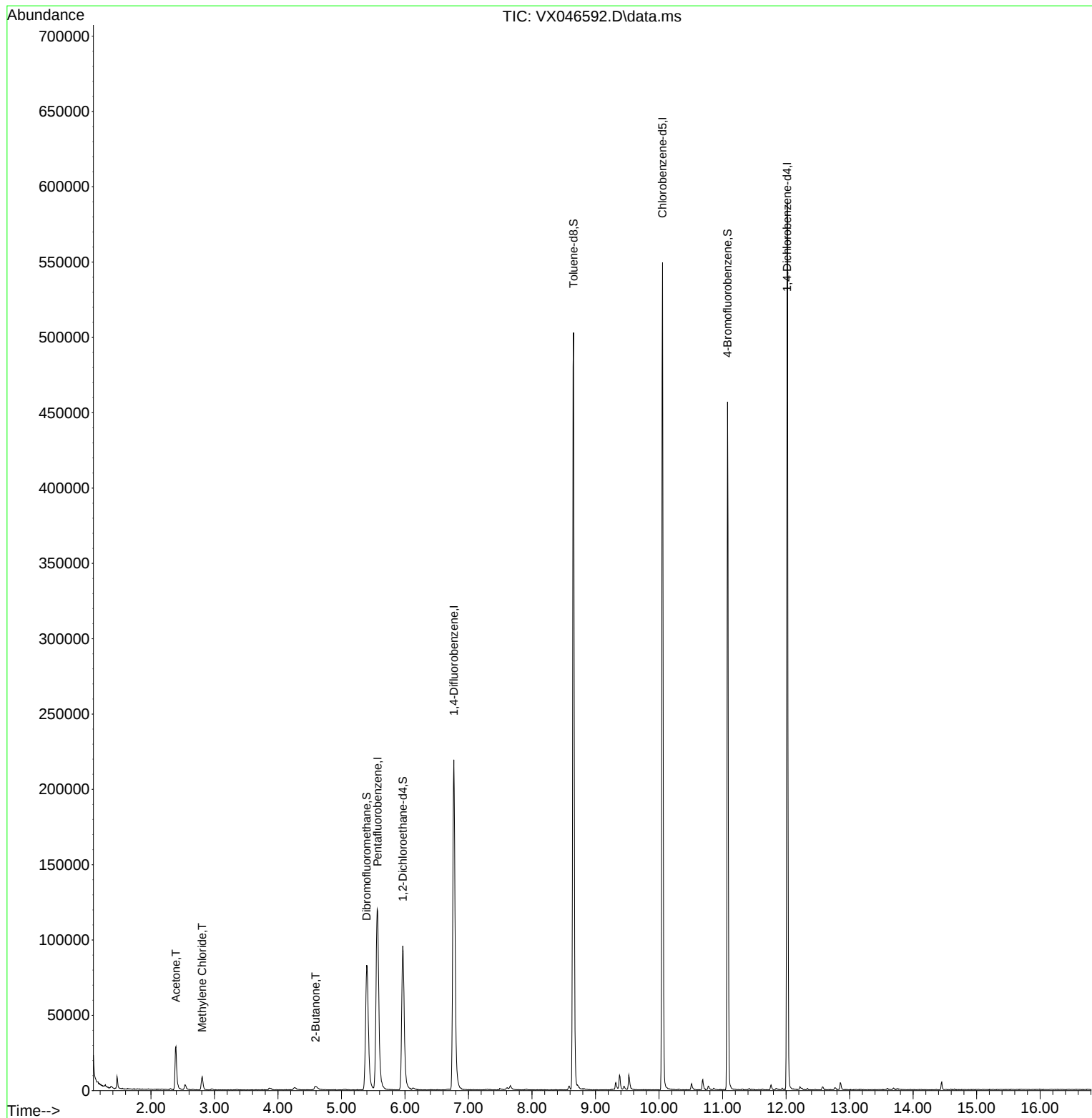
Internal Standards						
1) Pentafluorobenzene	5.568	168	114799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	225436	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	110739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101949	49.916	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.840%
35) Dibromofluoromethane	5.397	113	77958	47.024	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.040%
50) Toluene-d8	8.653	98	300729	55.021	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.040%
62) 4-Bromofluorobenzene	11.079	95	123194	54.477	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.960%
Target Compounds						
					Qvalue	
16) Acetone	2.391	43	36562	49.344	ug/l	97
20) Methylene Chloride	2.806	84	4138	2.525	ug/l	94
25) 2-Butanone	4.592	43	6697m	5.890	ug/l	

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046592.D
Acq On : 10 Jun 2025 11:27
Operator : JC/MD
Sample : Q2262-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0001

Quant Time: Jun 11 01:44:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

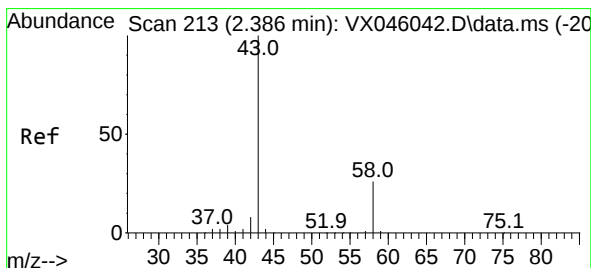
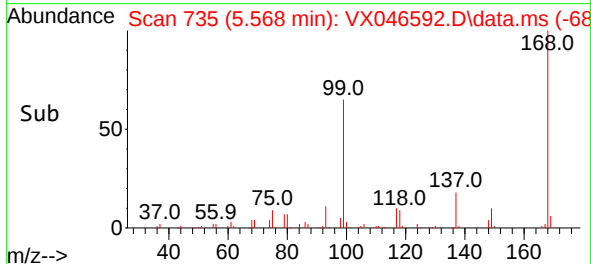
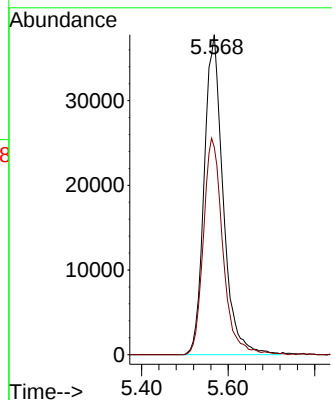
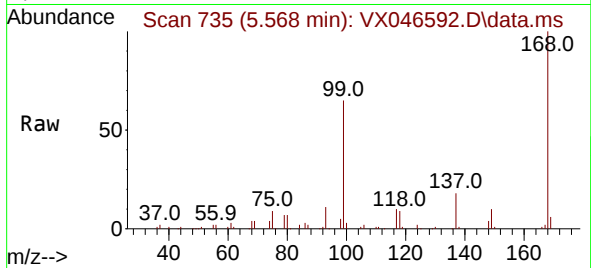




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046592.D
Acq: 10 Jun 2025 11:27

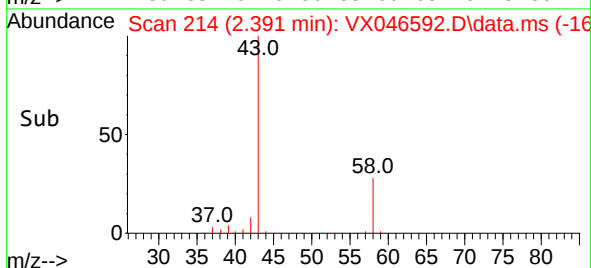
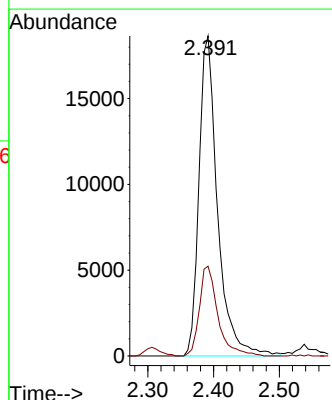
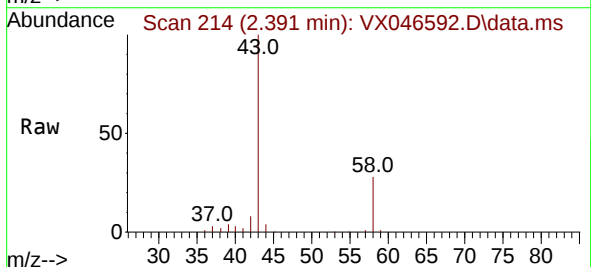
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0001

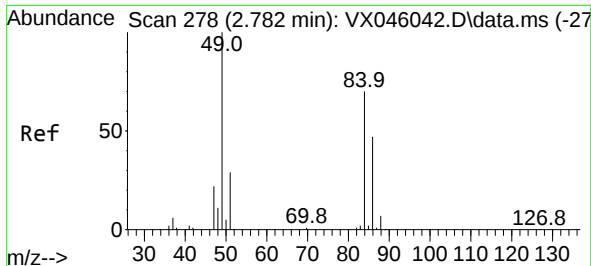
Tgt Ion:168 Resp: 114799
Ion Ratio Lower Upper
168 100
99 64.9 54.9 82.3



#16
Acetone
Concen: 49.344 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX046592.D
Acq: 10 Jun 2025 11:27

Tgt Ion: 43 Resp: 36562
Ion Ratio Lower Upper
43 100
58 28.1 21.2 31.8

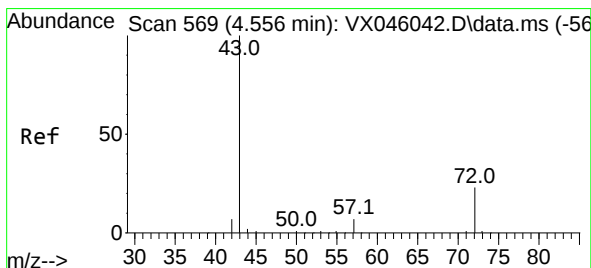
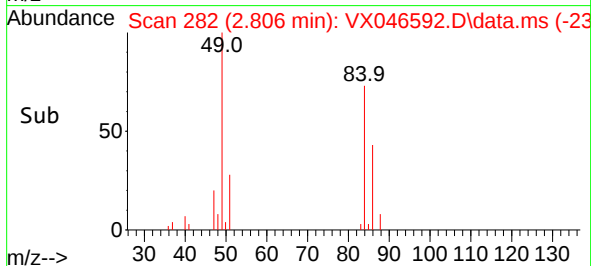
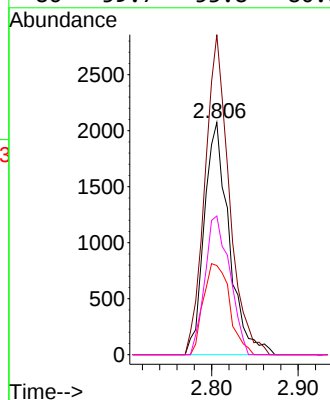
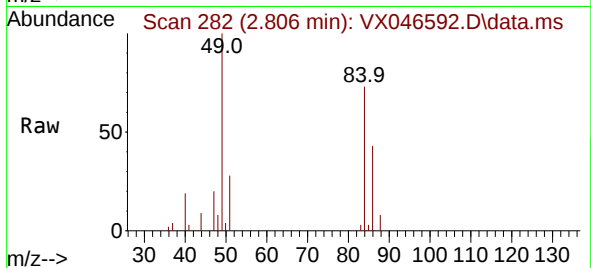




#20
Methylene Chloride
Concen: 2.525 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046592.D
Acq: 10 Jun 2025 11:27

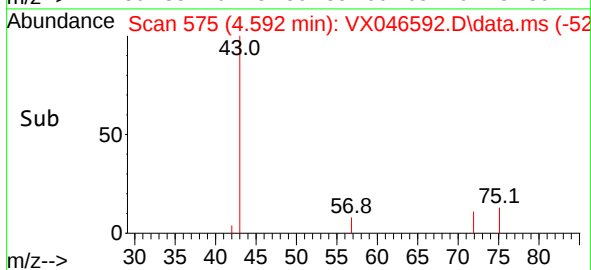
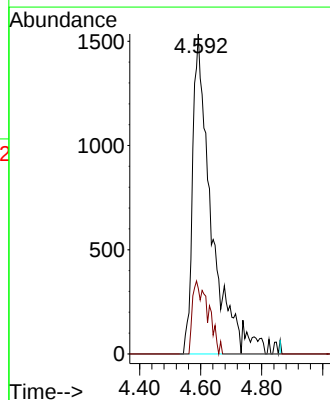
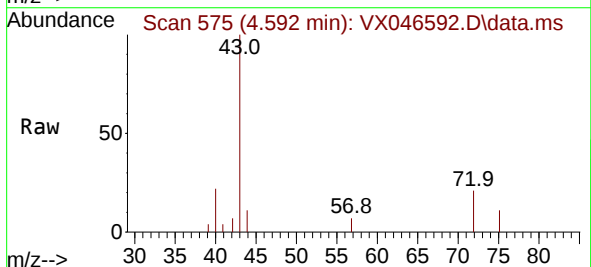
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0001

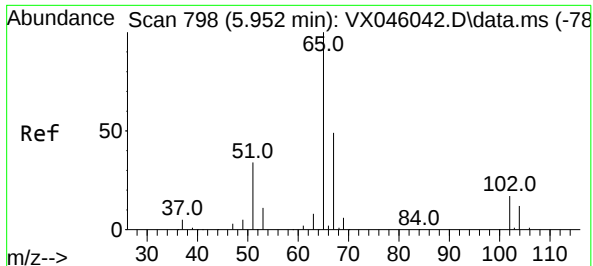
Tgt Ion:	84	Resp:	4138
Ion	Ratio	Lower	Upper
84	100		
49	137.8	113.9	170.9
51	38.4	33.5	50.3
86	59.7	53.8	80.8



#25
2-Butanone
Concen: 5.890 ug/l m
RT: 4.592 min Scan# 575
Delta R.T. 0.018 min
Lab File: VX046592.D
Acq: 10 Jun 2025 11:27

Tgt Ion:	43	Resp:	6697
Ion	Ratio	Lower	Upper
43	100		
72	20.5	18.4	27.6





#33

1,2-Dichloroethane-d4

Concen: 49.916 ug/l

RT: 5.964 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX046592.D

Acq: 10 Jun 2025 11:27

Instrument :

MSVOA_X

ClientSampleId :

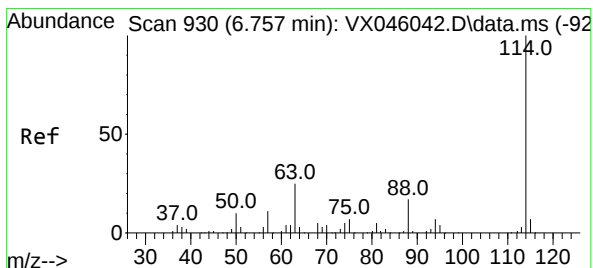
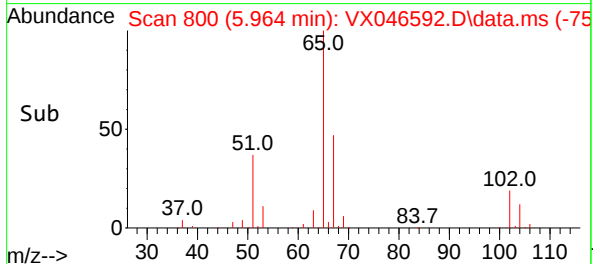
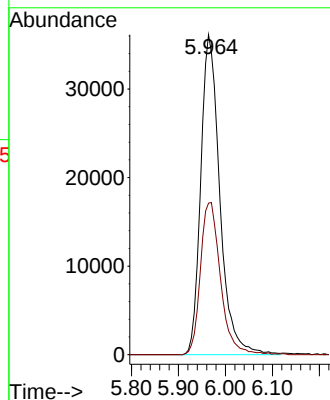
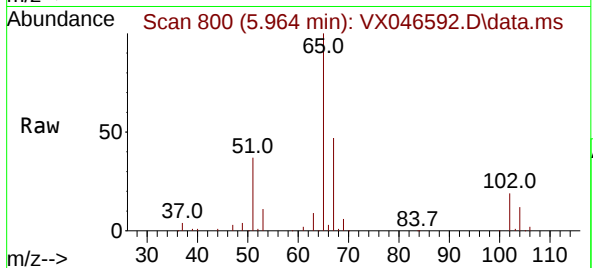
ARS20-0001

Tgt Ion: 65 Resp: 101949

Ion Ratio Lower Upper

65 100

67 50.1 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.006 min

Lab File: VX046592.D

Acq: 10 Jun 2025 11:27

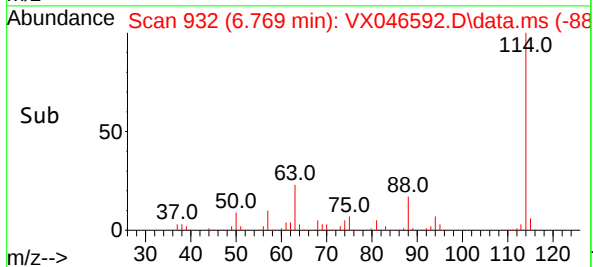
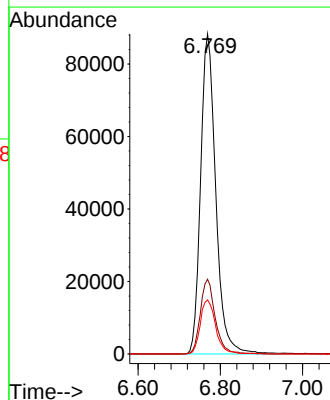
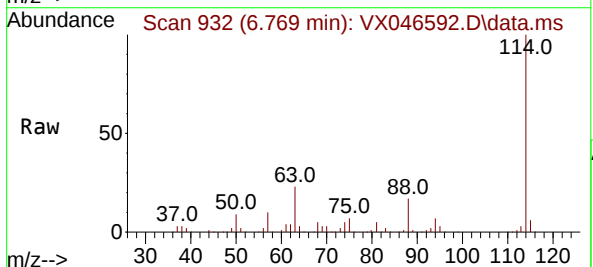
Tgt Ion: 114 Resp: 225436

Ion Ratio Lower Upper

114 100

63 23.3 0.0 49.2

88 16.9 0.0 33.6

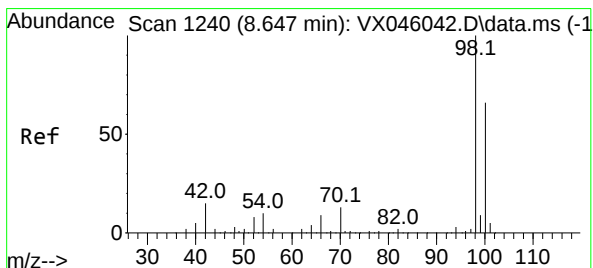
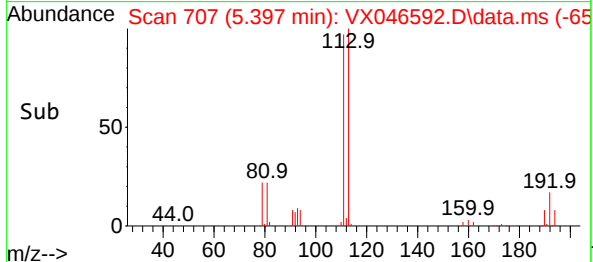
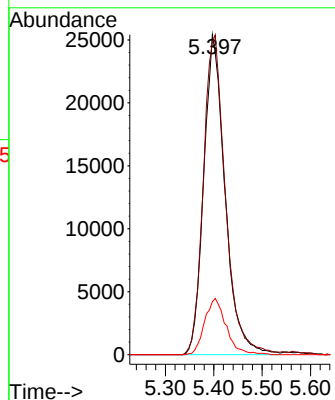
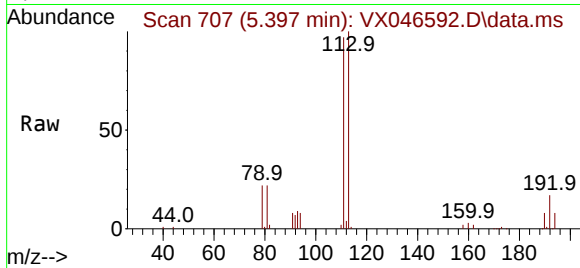




#35
Dibromofluoromethane
Concen: 47.024 ug/l
RT: 5.397 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX046592.D
Acq: 10 Jun 2025 11:27

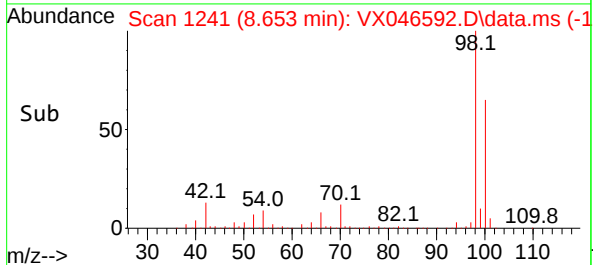
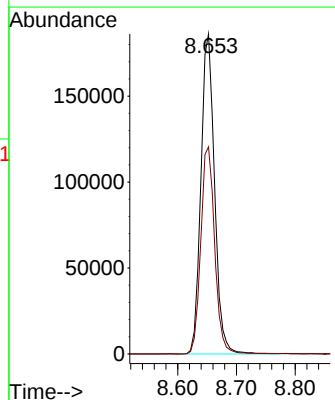
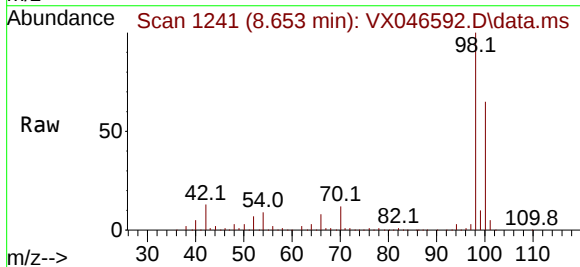
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0001

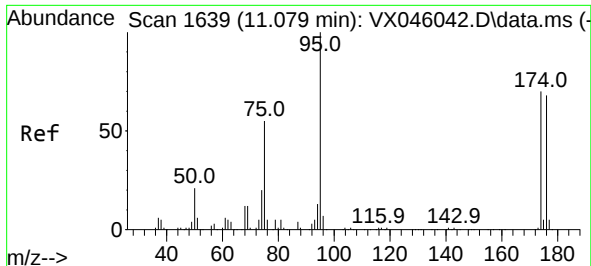
Tgt Ion:113 Resp: 77958
Ion Ratio Lower Upper
113 100
111 102.9 83.1 124.7
192 17.8 13.3 19.9



#50
Toluene-d8
Concen: 55.021 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046592.D
Acq: 10 Jun 2025 11:27

Tgt Ion: 98 Resp: 300729
Ion Ratio Lower Upper
98 100
100 66.0 53.5 80.3

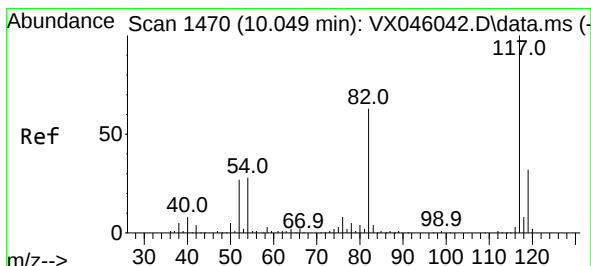
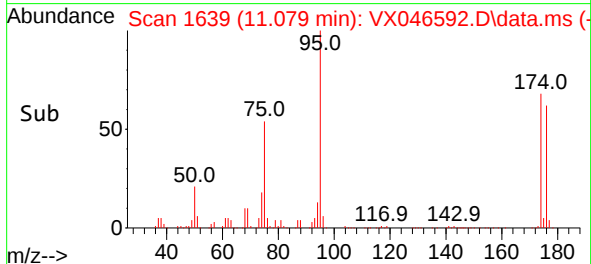
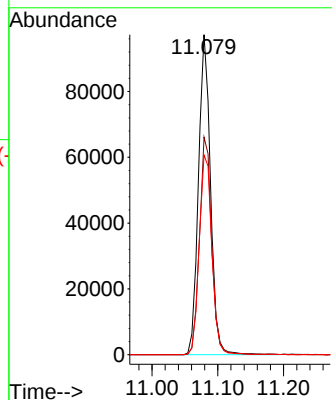
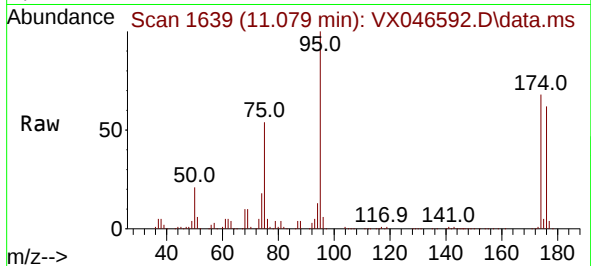




#62
4-Bromofluorobenzene
Concen: 54.477 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046592.D
Acq: 10 Jun 2025 11:27

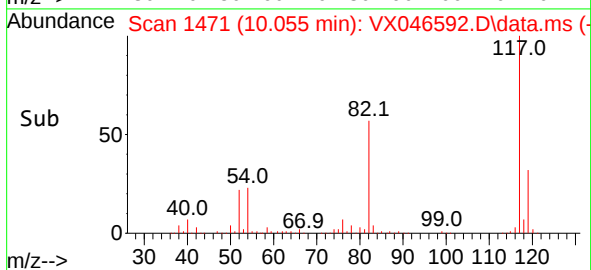
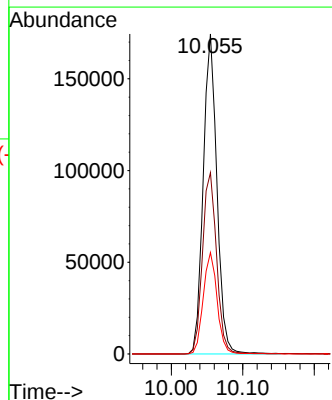
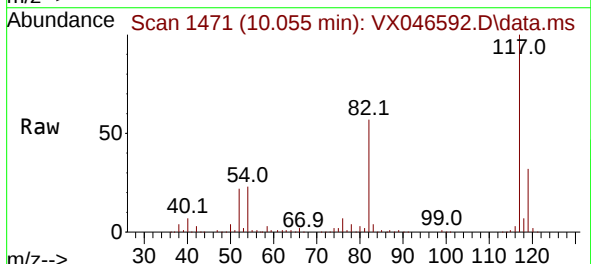
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0001

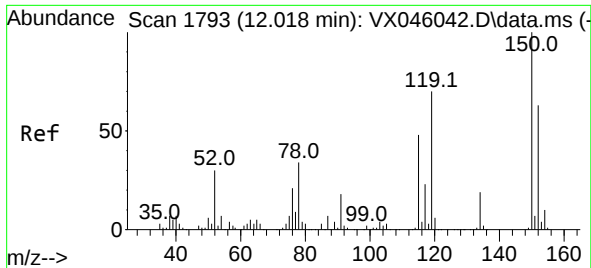
Tgt Ion: 95 Resp: 123194
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.8
176 65.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046592.D
Acq: 10 Jun 2025 11:27

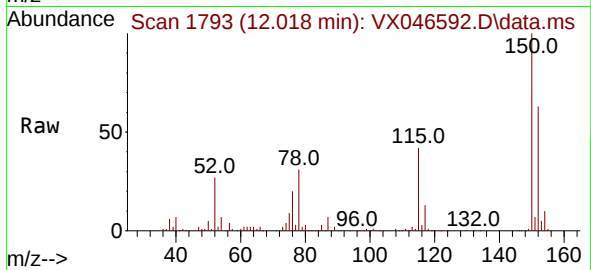
Tgt Ion: 117 Resp: 231982
Ion Ratio Lower Upper
117 100
82 56.7 50.6 76.0
119 31.7 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046592.D
 Acq: 10 Jun 2025 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 ARS20-0001



Tgt Ion:152 Resp: 110739
 Ion Ratio Lower Upper
 152 100
 115 64.7 46.9 140.7
 150 158.0 0.0 351.0

