

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
 Data File : VX046580.D
 Acq On : 09 Jun 2025 15:27
 Operator : JC/MD
 Sample : Q2262-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ARS20-0001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2025
 Supervised By : Mahesh Dadoda 06/10/2025

Quant Time: Jun 10 01:44:56 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	101645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	188406	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	83360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	89468	49.474	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.940%		
35) Dibromofluoromethane	5.397	113	518m	0.374	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.740%#		
50) Toluene-d8	8.653	98	225758	49.422	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.840%		
62) 4-Bromofluorobenzene	11.079	95	88733	46.950	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.900%		
Target Compounds					Qvalue	
16) Acetone	2.392	43	36925	55.637	ug/l	95
20) Methylene Chloride	2.806	84	4524	3.118	ug/l	84
25) 2-Butanone	4.593	43	5478m	5.442	ug/l	

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

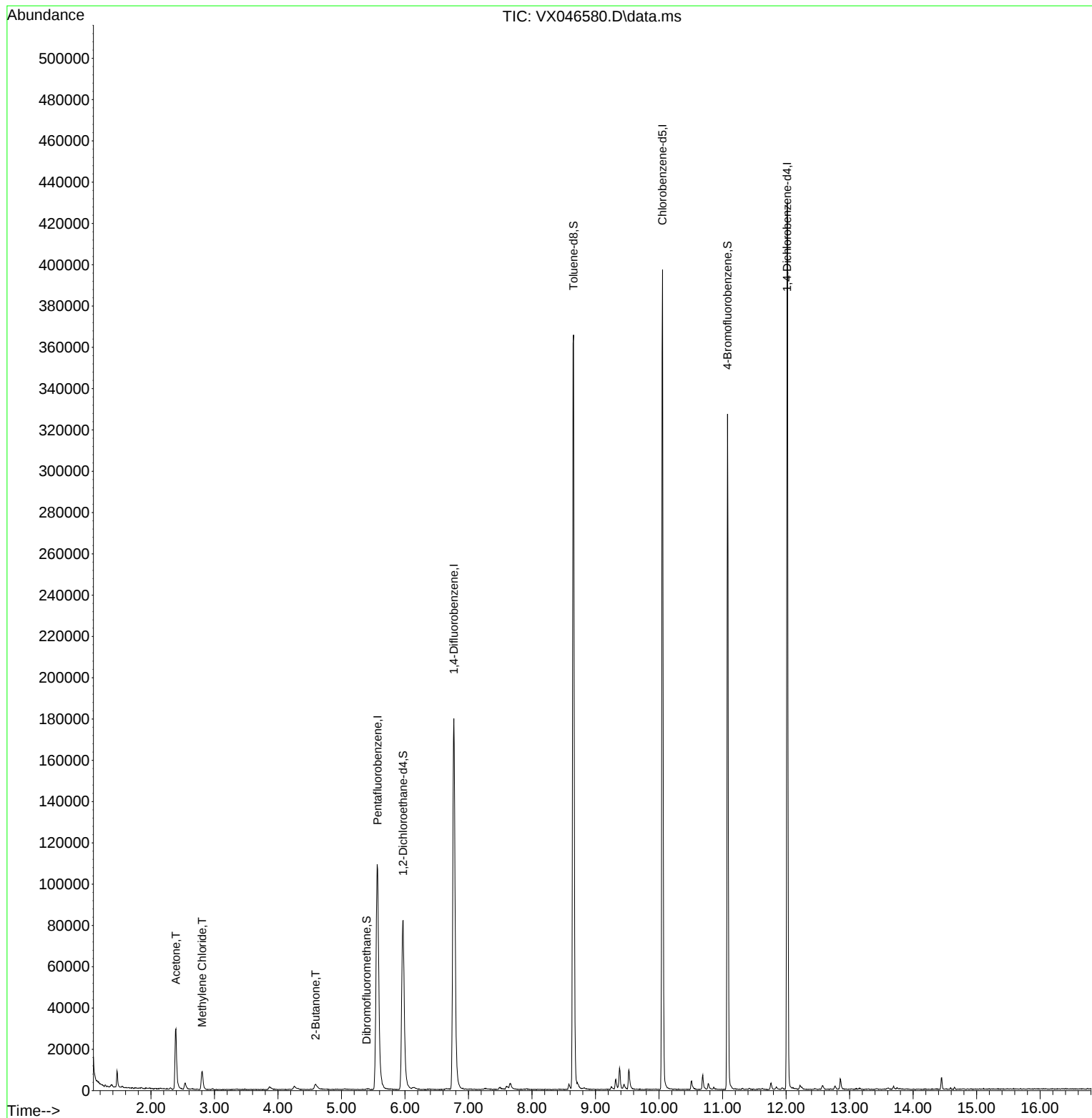
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
Data File : VX046580.D
Acq On : 09 Jun 2025 15:27
Operator : JC/MD
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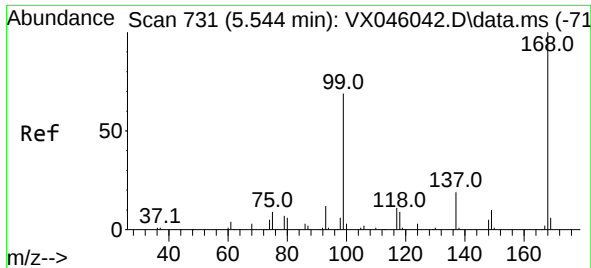
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0001

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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





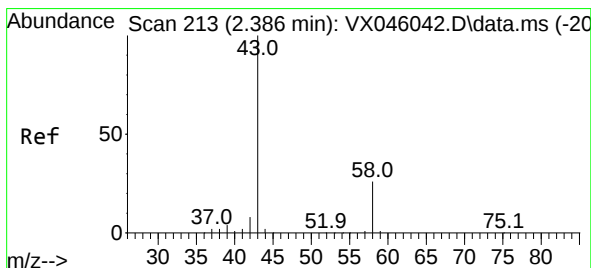
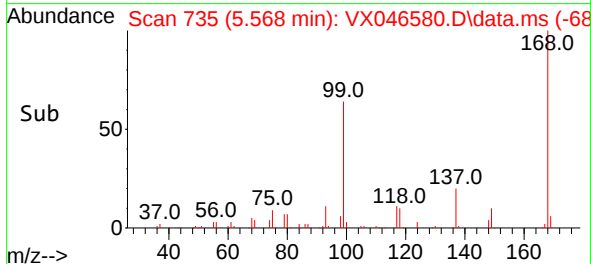
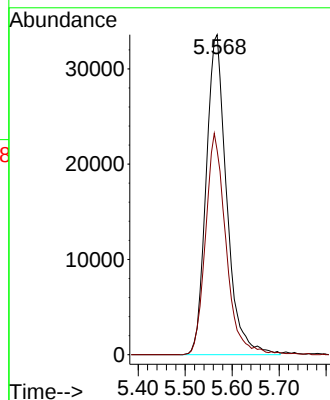
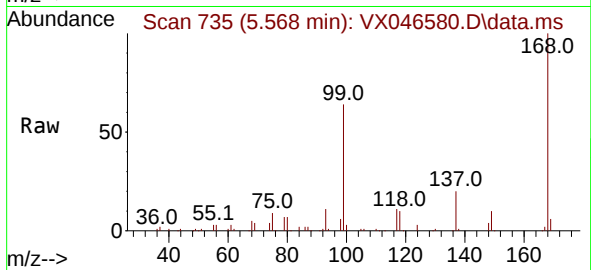
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 714
Delta R.T. 0.000 min
Lab File: VX046580.D
Acq: 09 Jun 2025 15:27

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0001

Tgt Ion:168 Resp: 101649
Ion Ratio Lower Upper
168 100
99 63.8 54.9 82.3

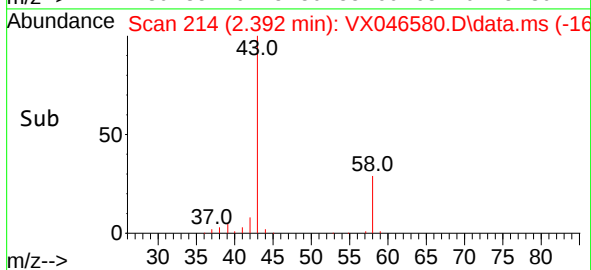
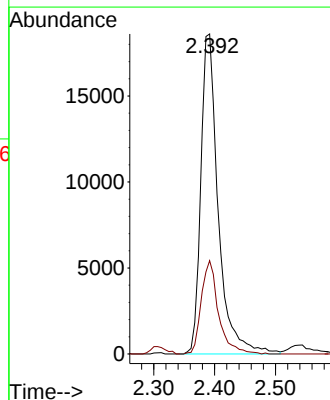
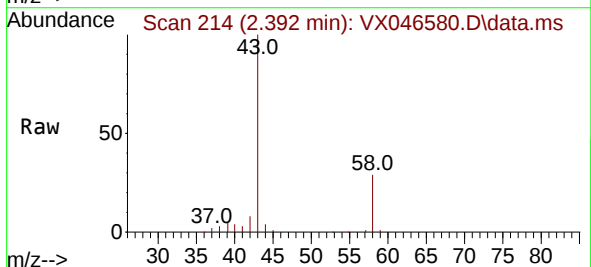
Manual Integrations
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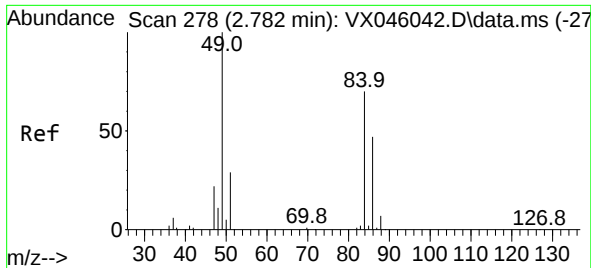
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#16
Acetone
Concen: 55.637 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046580.D
Acq: 09 Jun 2025 15:27

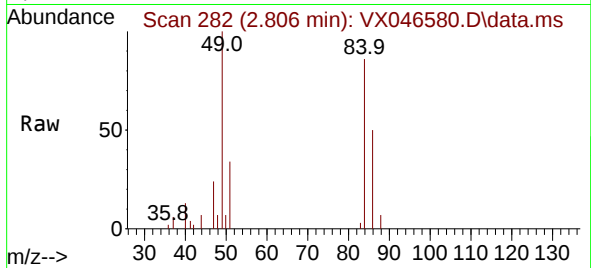
Tgt Ion: 43 Resp: 36925
Ion Ratio Lower Upper
43 100
58 29.2 21.2 31.8





#20
Methylene Chloride
Concen: 3.118 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046580.D
Acq: 09 Jun 2025 15:27

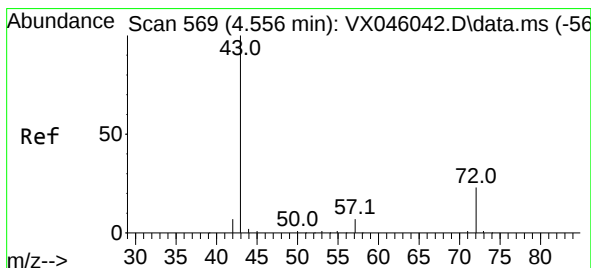
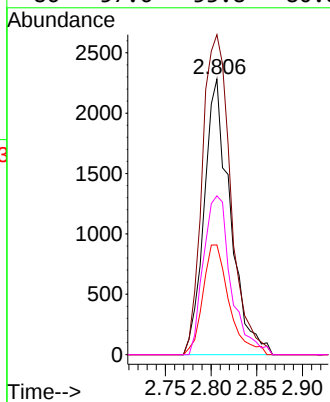
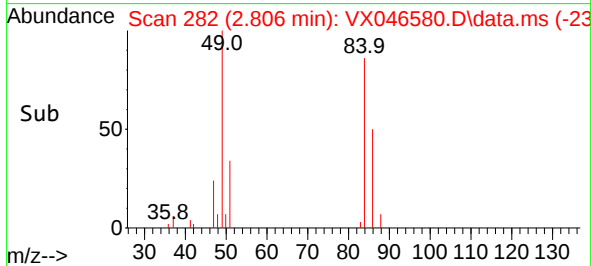
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0001



Tgt Ion: 84 Resp: 4524
Ion Ratio Lower Upper
84 100
49 116.1 113.9 170.9
51 39.8 33.5 50.3
86 57.6 53.8 80.8

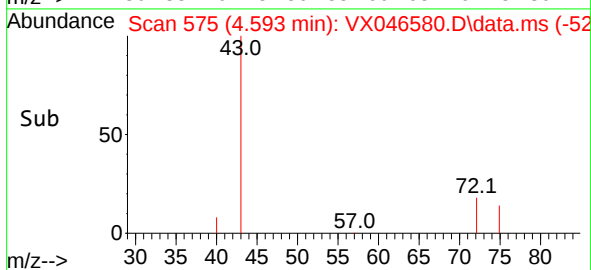
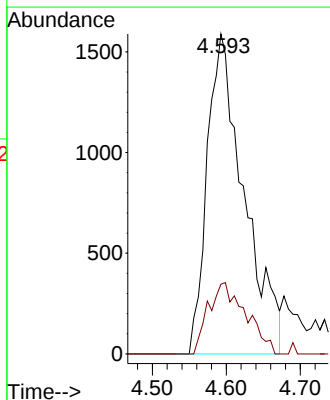
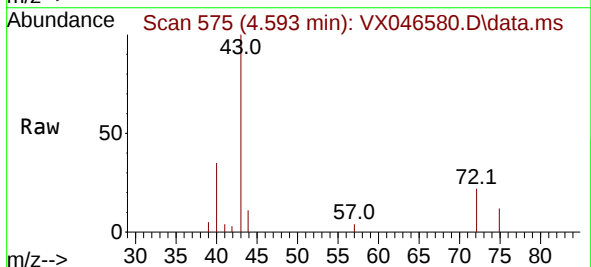
Manual Integrations
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Supervised By :Mahesh Dadoda 06/10/2025



#25
2-Butanone
Concen: 5.442 ug/l m
RT: 4.593 min Scan# 575
Delta R.T. 0.019 min
Lab File: VX046580.D
Acq: 09 Jun 2025 15:27

Tgt Ion: 43 Resp: 5478
Ion Ratio Lower Upper
43 100
72 21.8 18.4 27.6





#33

1,2-Dichloroethane-d4

Concen: 49.474 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.000 min

Lab File: VX046580.D

Acq: 09 Jun 2025 15:27

Instrument :

MSVOA_X

ClientSampleId :

ARS20-0001

Tgt Ion: 65 Resp: 8946

Ion Ratio Lower Upper

65 100

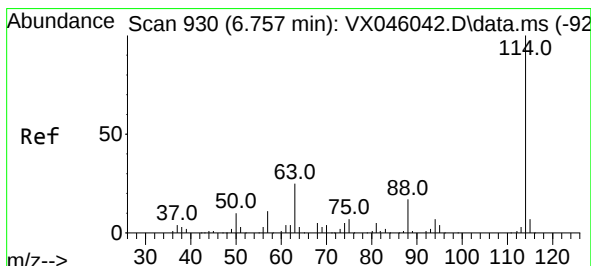
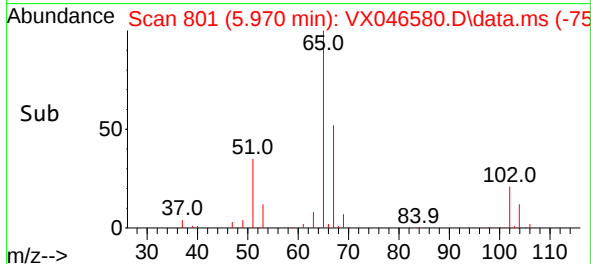
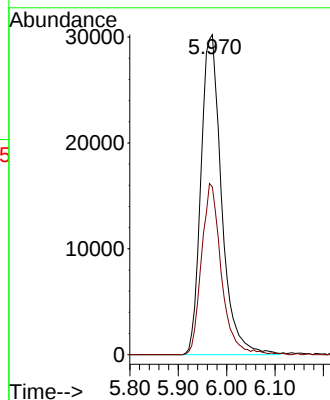
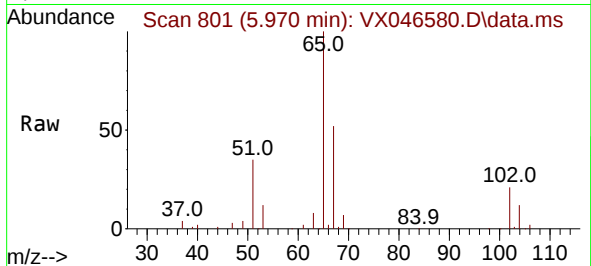
67 51.3 0.0 99.0

Manual Integrations

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Supervised By :Mahesh Dadoda 06/10/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.006 min

Lab File: VX046580.D

Acq: 09 Jun 2025 15:27

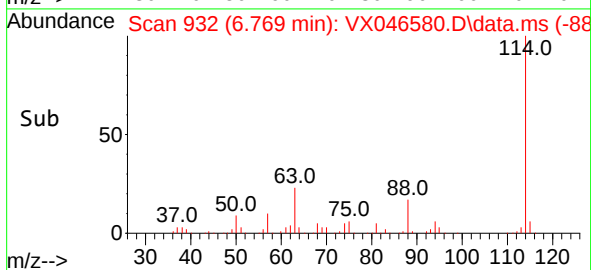
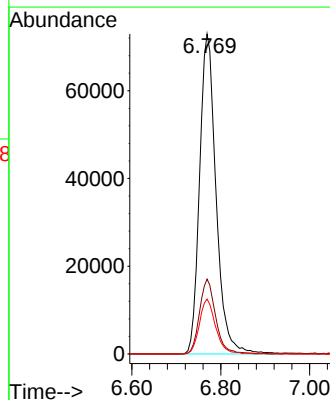
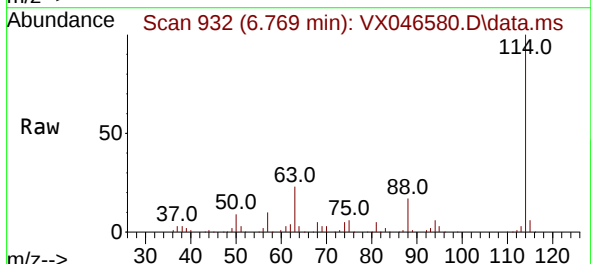
Tgt Ion:114 Resp: 188406

Ion Ratio Lower Upper

114 100

63 23.4 0.0 49.2

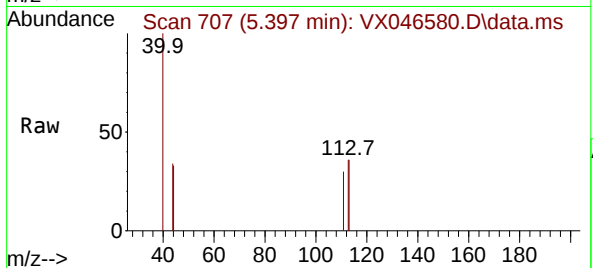
88 17.1 0.0 33.6





#35
Dibromofluoromethane
Concen: 0.374 ug/l m
RT: 5.397 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX046580.D
Acq: 09 Jun 2025 15:27

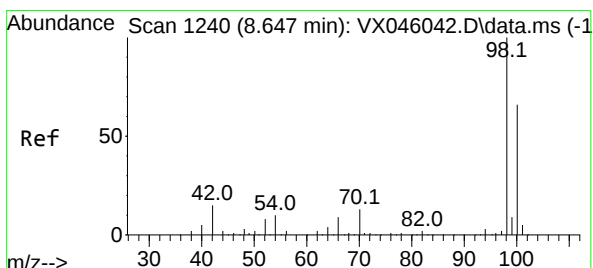
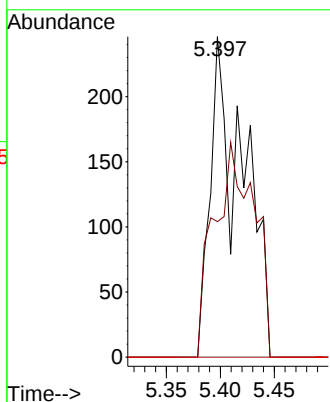
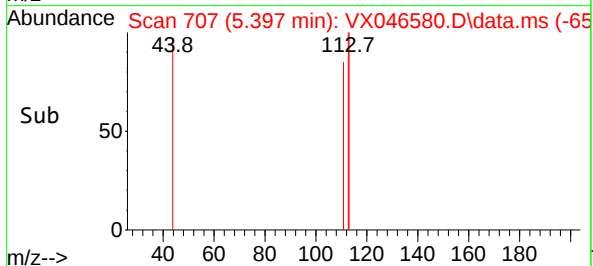
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0001



Tgt Ion:113 Resp: 518
Ion Ratio Lower Upper
113 100
111 0.0 83.1 124.7
192 0.0 13.3 19.9

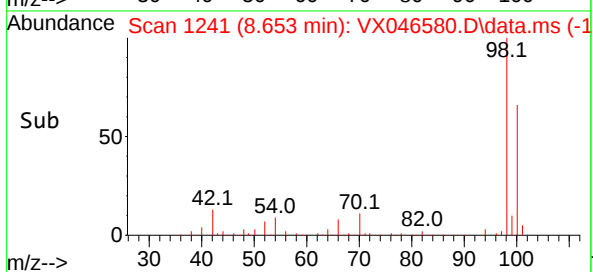
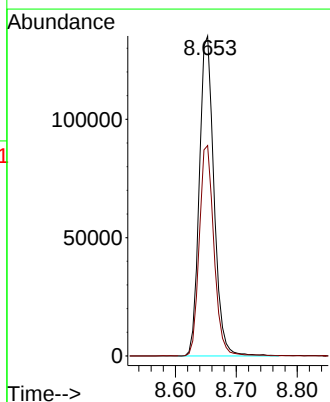
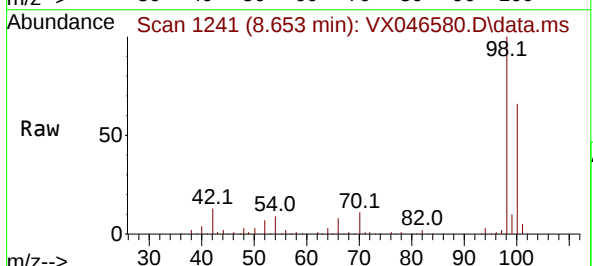
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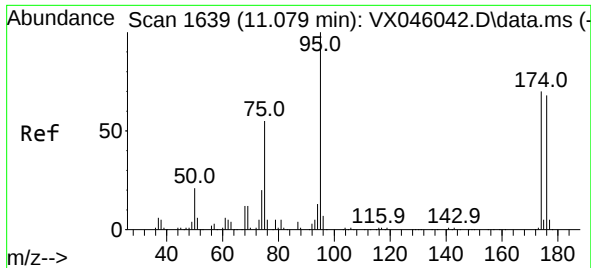
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#50
Toluene-d8
Concen: 49.422 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046580.D
Acq: 09 Jun 2025 15:27

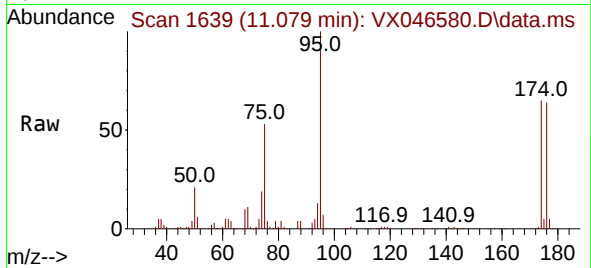
Tgt Ion: 98 Resp: 225758
Ion Ratio Lower Upper
98 100
100 65.9 53.5 80.3





#62
4-Bromofluorobenzene
Concen: 46.950 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046580.D
Acq: 09 Jun 2025 15:27

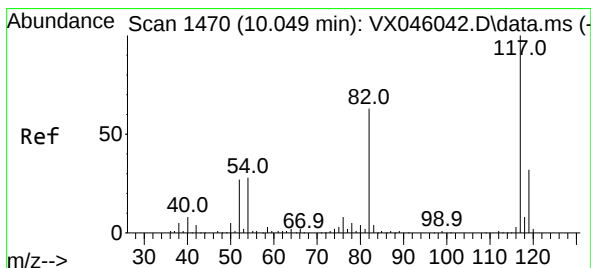
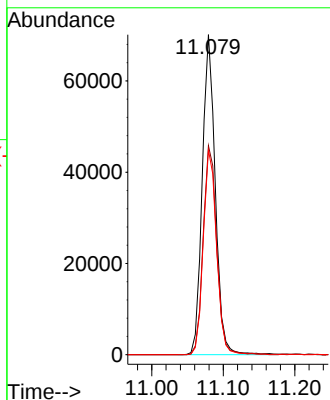
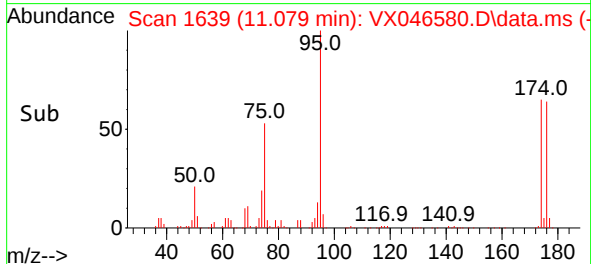
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0001



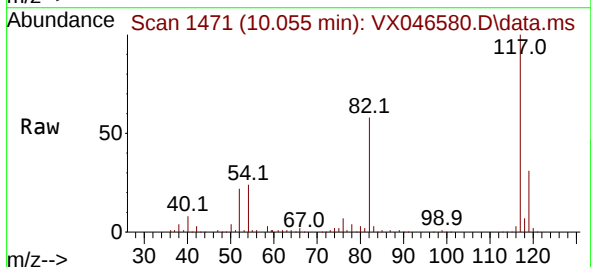
Tgt Ion: 95 Resp: 88733
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 65.4 0.0 131.4

Manual Integrations
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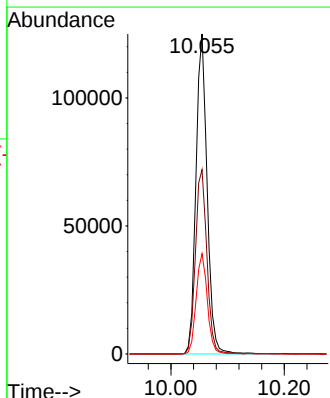
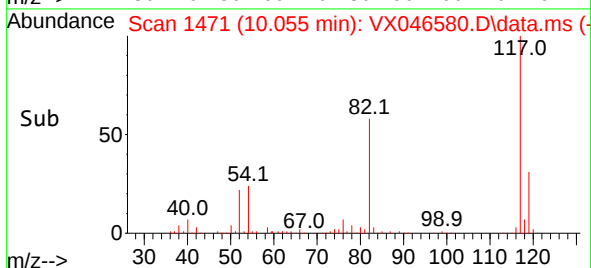
Reviewed By :John Carlone 06/10/2025
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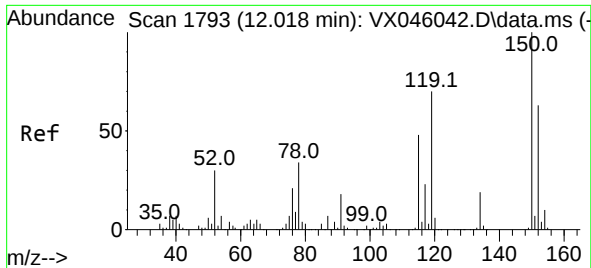


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046580.D
Acq: 09 Jun 2025 15:27



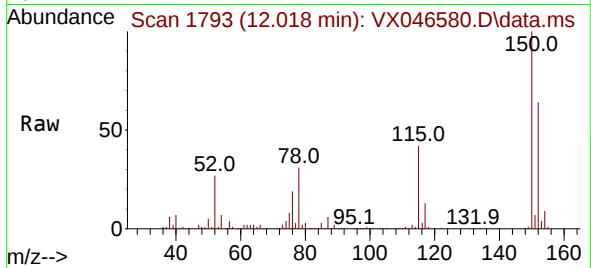
Tgt Ion:117 Resp: 170695
Ion Ratio Lower Upper
117 100
82 57.6 50.6 76.0
119 31.4 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046580.D
 Acq: 09 Jun 2025 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 ARS20-0001



Tgt Ion:152 Resp: 83360
 Ion Ratio Lower Upper
 152 100
 115 64.3 46.9 140.7
 150 155.7 0.0 351.0

Manual Integrations
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