

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047298.D
 Acq On : 12 Aug 2025 15:39
 Operator : JC/MD
 Sample : Q2814-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-38M-E

Quant Time: Aug 13 01:22:59 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

Manual Integrations APPROVED

Reviewed By : John Carlone 08/13/2025
 Supervised By : Mahesh Dadoda 08/14/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	264975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	454854	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	208948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	169133	51.241	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.480%			
35) Dibromofluoromethane	5.403	113	148918	53.026	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.060%			
50) Toluene-d8	8.653	98	416660	45.812	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.620%#			
62) 4-Bromofluorobenzene	11.079	95	204153	52.087	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.180%			
Target Compounds					Qvalue	
16) Acetone	2.392	43	5346m	4.043	ug/l	
17) Carbon Disulfide	2.538	76	4853	0.504	ug/l #	76
20) Methylene Chloride	2.812	84	1031	0.283	ug/l	86

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

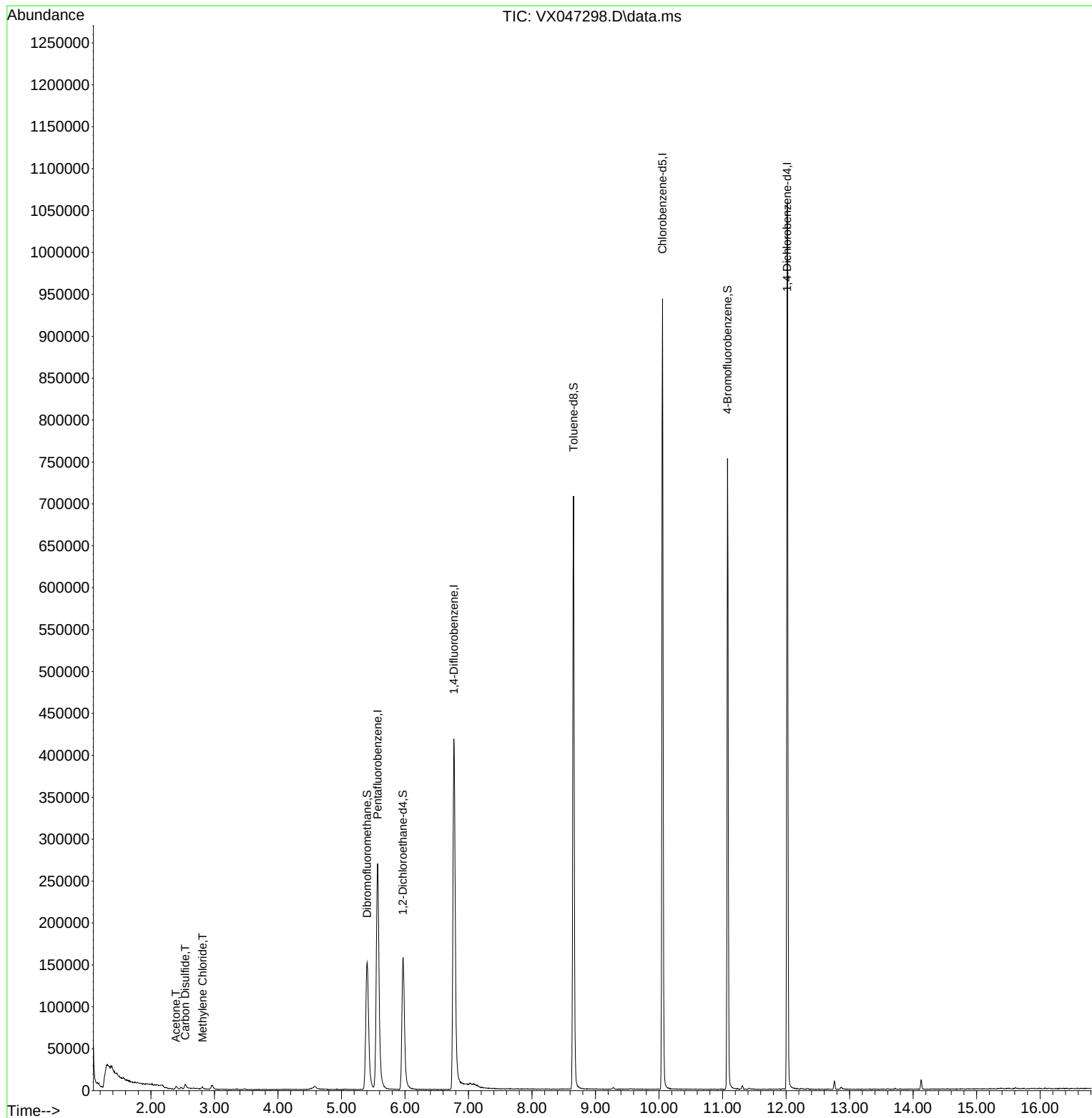
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
Data File : VX047298.D
Acq On : 12 Aug 2025 15:39
Operator : JC/MD
Sample : Q2814-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

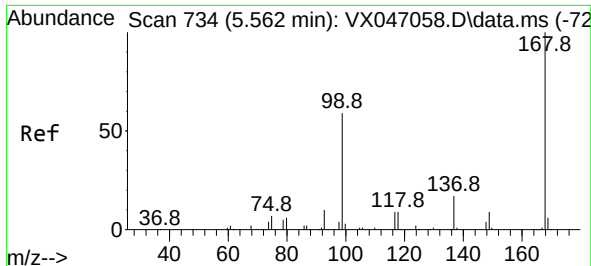
Instrument :
MSVOA_X
ClientSampleId :
TW-38M-E

Quant Time: Aug 13 01:22:59 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

Manual Integrations
APPROVED

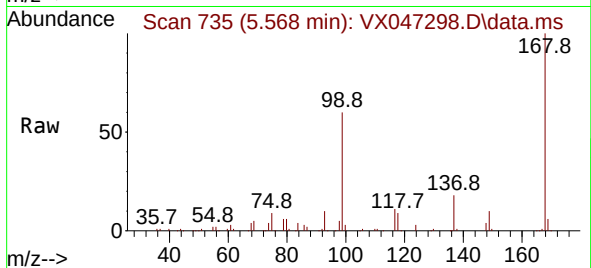
Reviewed By : John Carbone 08/13/2025
Supervised By : Mahesh Dadoda 08/14/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX047298.D
Acq: 12 Aug 2025 15:39

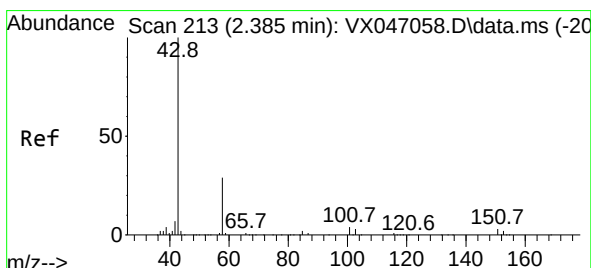
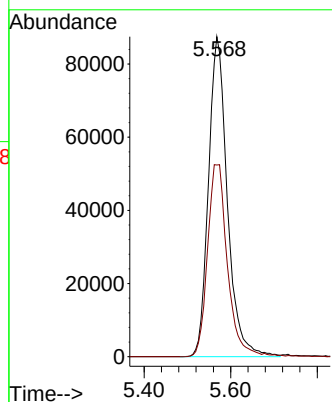
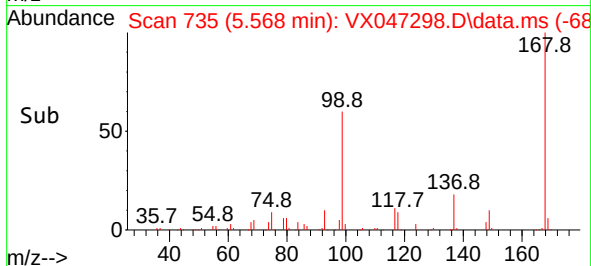
Instrument :
MSVOA_X
ClientSampleId :
TW-38M-E



Tgt Ion:168 Resp: 26497
Ion Ratio Lower Upper
168 100
99 59.9 48.0 72.0

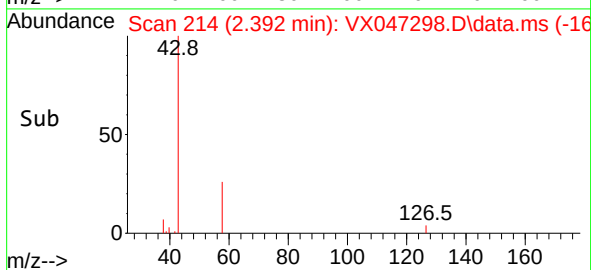
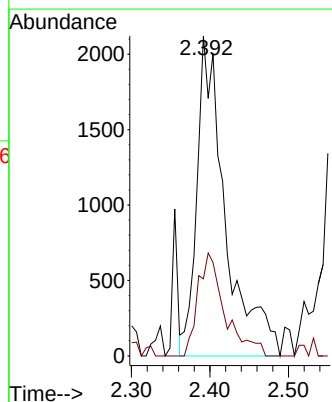
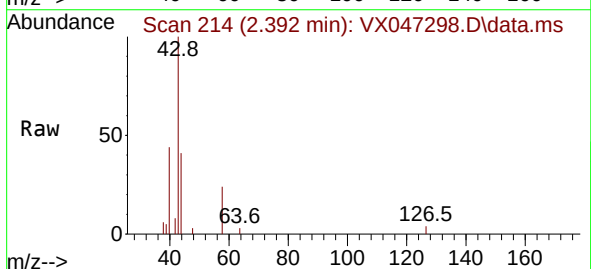
Manual Integrations
APPROVED

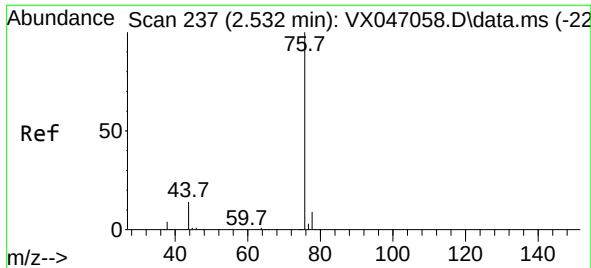
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#16
Acetone
Concen: 4.043 ug/l m
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047298.D
Acq: 12 Aug 2025 15:39

Tgt Ion: 43 Resp: 5346
Ion Ratio Lower Upper
43 100
58 24.1 24.0 36.0





#17

Carbon Disulfide

Concen: 0.504 ug/l

RT: 2.538 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX047298.D

Acq: 12 Aug 2025 15:39

Instrument :

MSVOA_X

ClientSampleId :

TW-38M-E

Tgt Ion: 76 Resp: 485

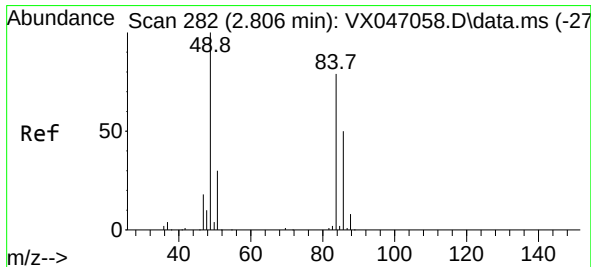
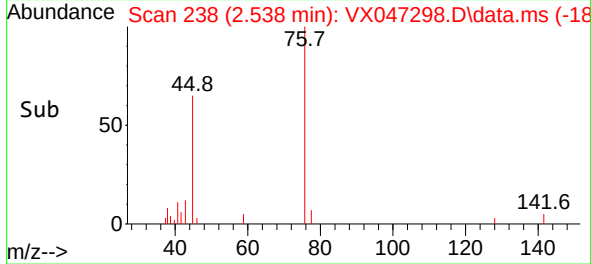
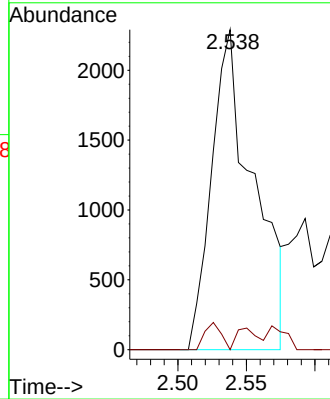
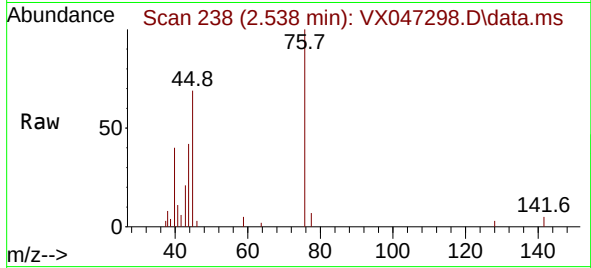
Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#20

Methylene Chloride

Concen: 0.283 ug/l

RT: 2.812 min Scan# 283

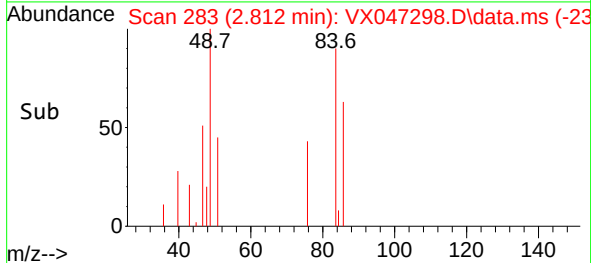
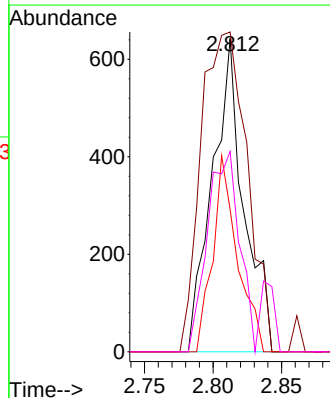
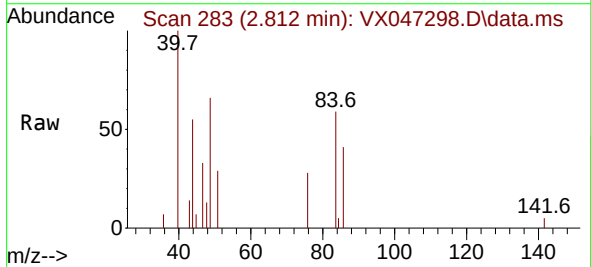
Delta R.T. 0.006 min

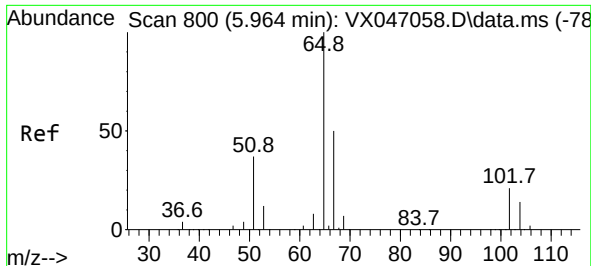
Lab File: VX047298.D

Acq: 12 Aug 2025 15:39

Tgt Ion: 84 Resp: 1031

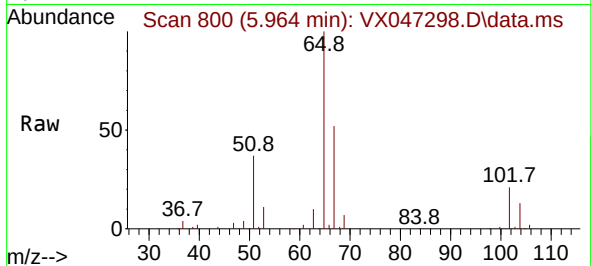
Ion	Ratio	Lower	Upper
84	100		
49	102.0	101.6	152.4
51	45.4	30.3	45.5
86	63.9	50.6	75.8





#33
 1,2-Dichloroethane-d4
 Concen: 51.241 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047298.D
 Acq: 12 Aug 2025 15:39

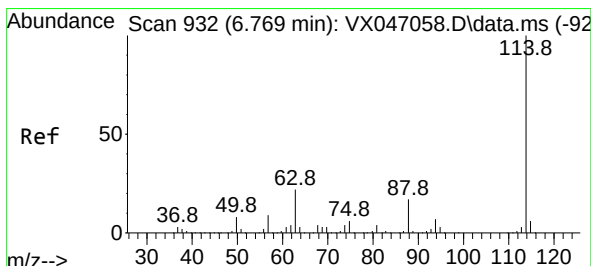
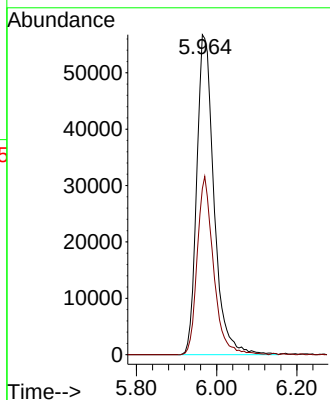
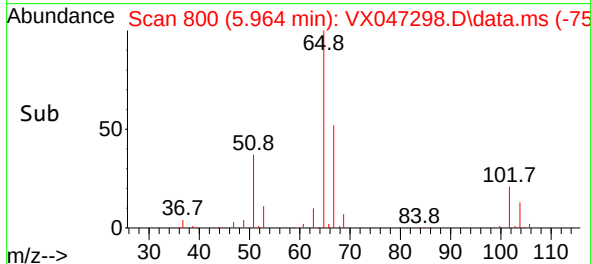
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-38M-E



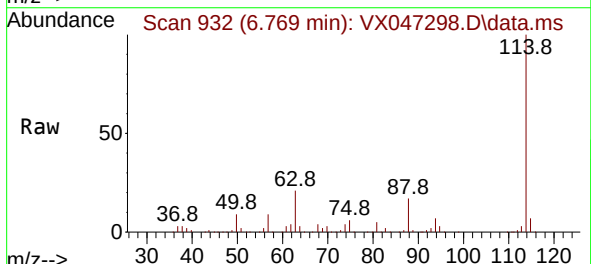
Tgt Ion: 65 Resp: 16913
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.8

Manual Integrations
 APPROVED

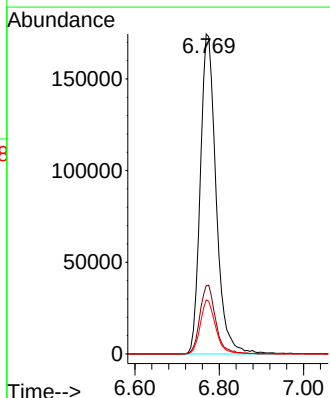
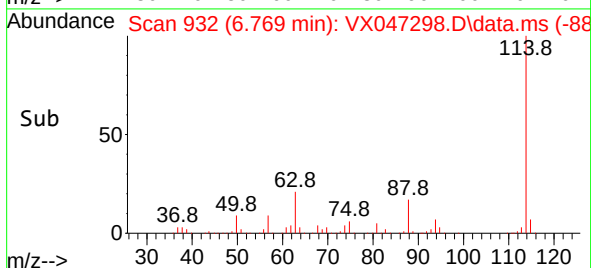
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025

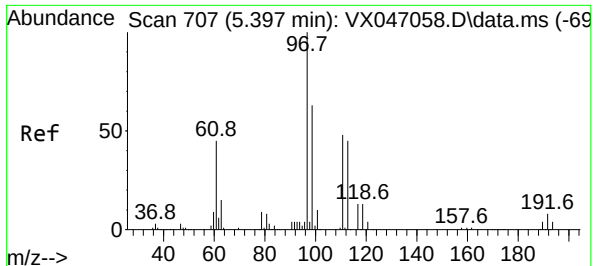


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047298.D
 Acq: 12 Aug 2025 15:39



Tgt Ion:114 Resp: 454854
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 53.026 ug/l

RT: 5.403 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX047298.D

Acq: 12 Aug 2025 15:39

Instrument :

MSVOA_X

ClientSampleId :

TW-38M-E

Tgt Ion:113 Resp: 148918

Ion Ratio Lower Upper

113 100

111 100.9 82.6 124.0

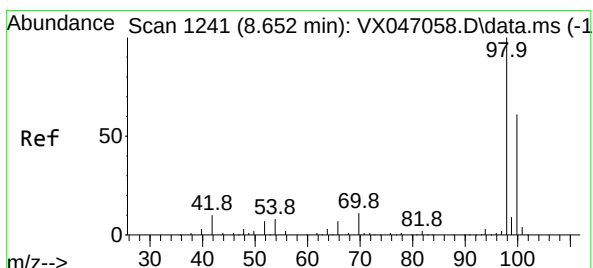
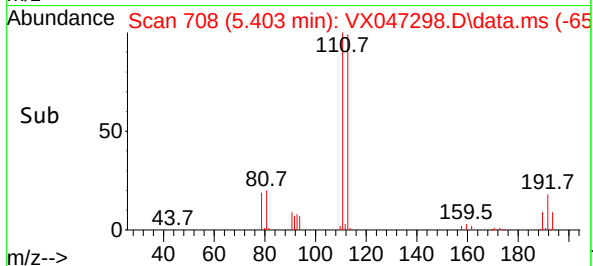
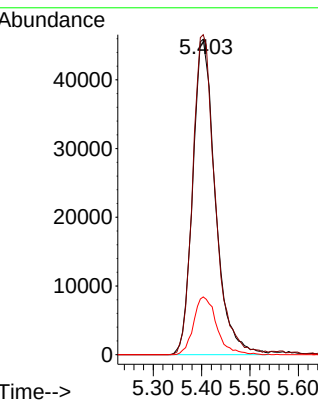
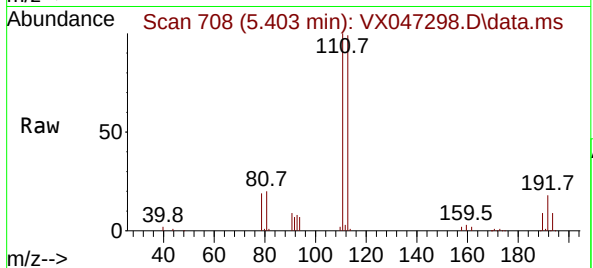
192 18.8 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#50

Toluene-d8

Concen: 45.812 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047298.D

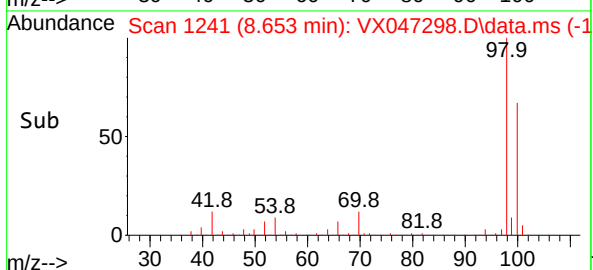
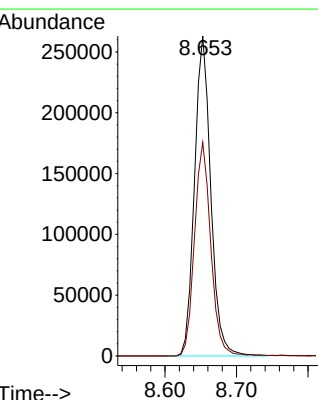
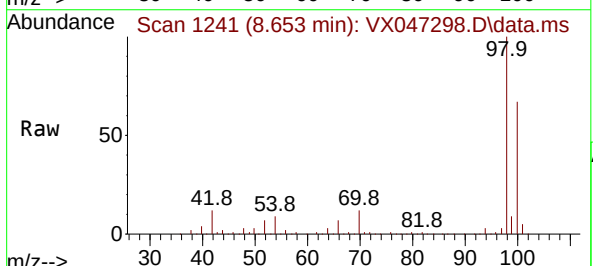
Acq: 12 Aug 2025 15:39

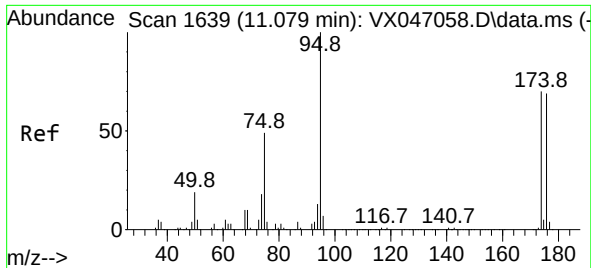
Tgt Ion: 98 Resp: 416660

Ion Ratio Lower Upper

98 100

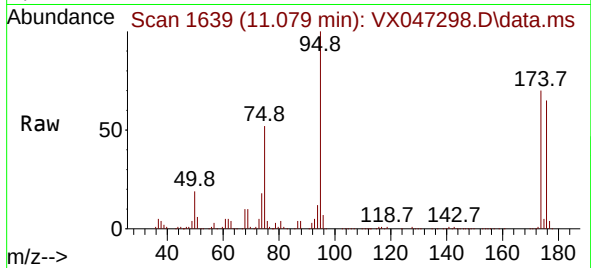
100 67.0 53.3 79.9





#62
4-Bromofluorobenzene
Concen: 52.087 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047298.D
Acq: 12 Aug 2025 15:39

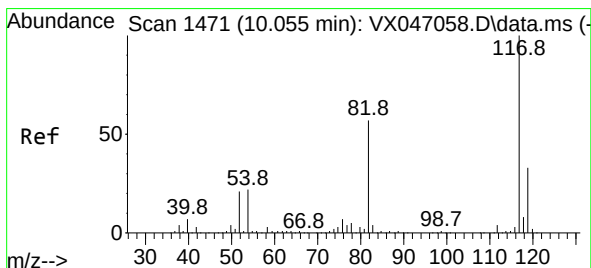
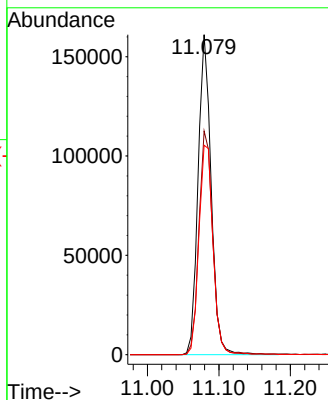
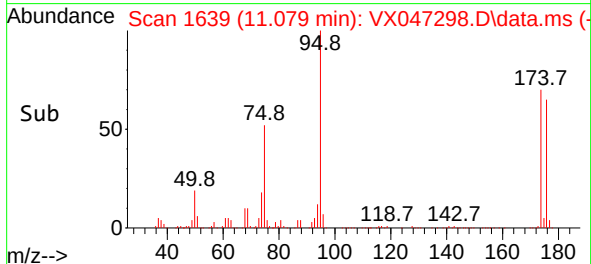
Instrument :
MSVOA_X
ClientSampleId :
TW-38M-E



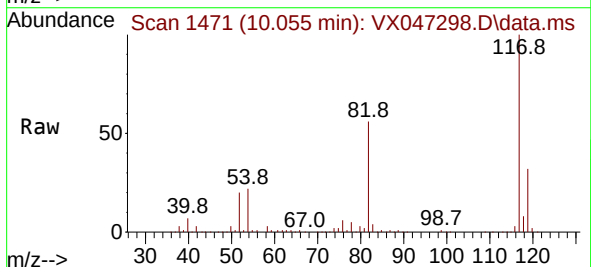
Tgt Ion: 95 Resp: 20415
Ion Ratio Lower Upper
95 100
174 73.3 0.0 144.6
176 70.8 0.0 139.6

Manual Integrations
APPROVED

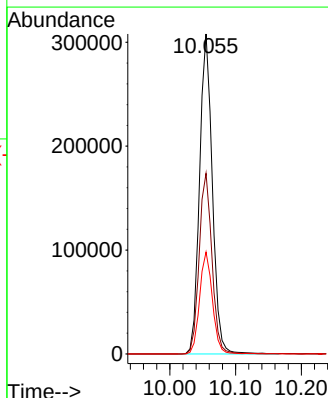
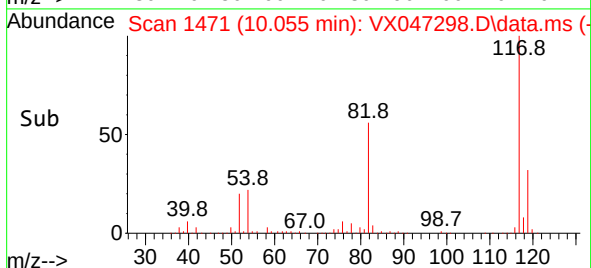
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

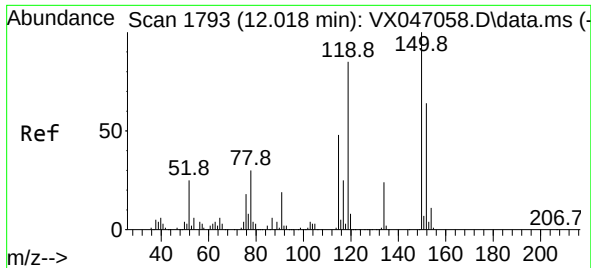


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047298.D
Acq: 12 Aug 2025 15:39



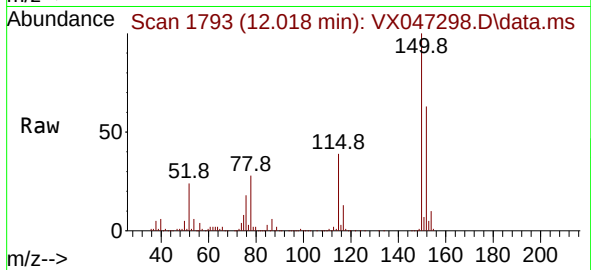
Tgt Ion:117 Resp: 416219
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.2
119 31.9 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047298.D
 Acq: 12 Aug 2025 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-38M-E



Tgt Ion:152 Resp: 208948
 Ion Ratio Lower Upper
 152 100
 115 62.1 45.6 136.7
 150 158.8 0.0 354.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025

