

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048242.D
 Acq On : 20 Oct 2025 16:38
 Operator : JC/MD
 Sample : Q3371-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB184-HYD-20251016

Quant Time: Oct 20 18:41:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	131566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	228008	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	207347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	102951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	111418	60.401	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 120.800%#	
35) Dibromofluoromethane	5.373	113	88685	56.974	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.940%	
50) Toluene-d8	8.635	98	15496	2.840	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 5.680%#	
62) 4-Bromofluorobenzene	11.061	95	111306	53.625	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.260%	
Target Compounds						
16) Acetone	2.380	43	1397m	2.208	ug/l	Qvalue

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

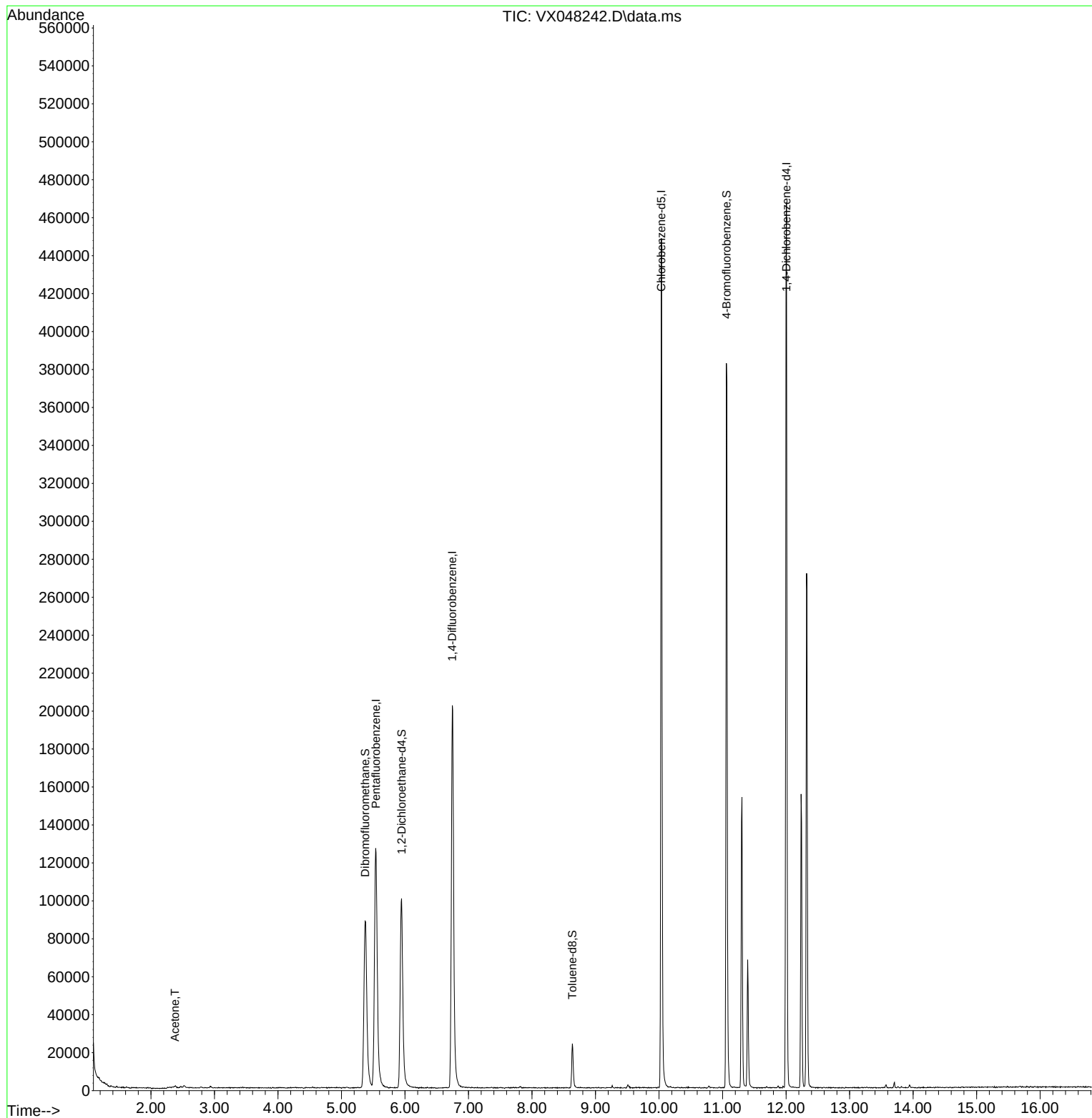
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048242.D
Acq On : 20 Oct 2025 16:38
Operator : JC/MD
Sample : Q3371-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

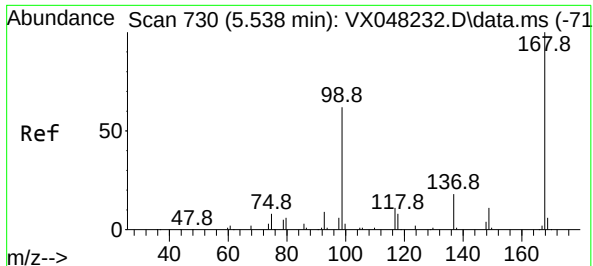
Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20251016

Quant Time: Oct 20 18:41:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

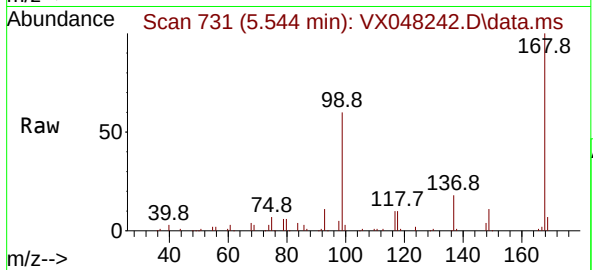
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048242.D
Acq: 20 Oct 2025 16:38

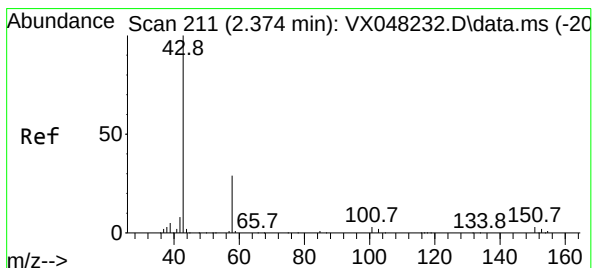
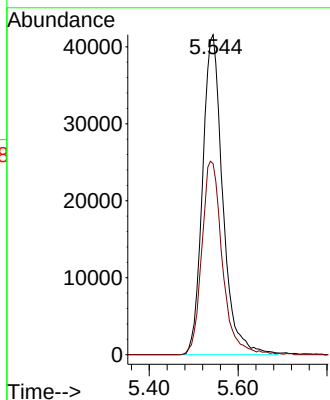
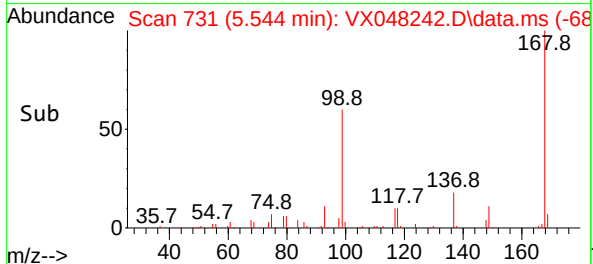
Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20251016



Tgt Ion:168 Resp: 13156
Ion Ratio Lower Upper
168 100
99 59.7 46.4 69.6

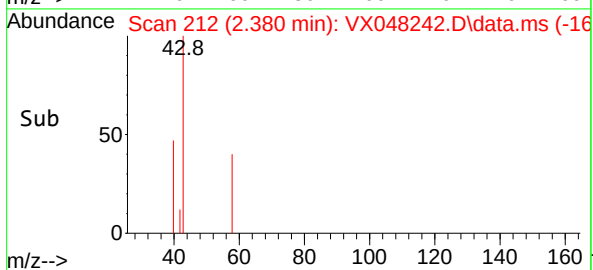
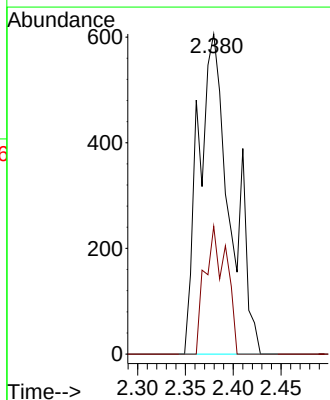
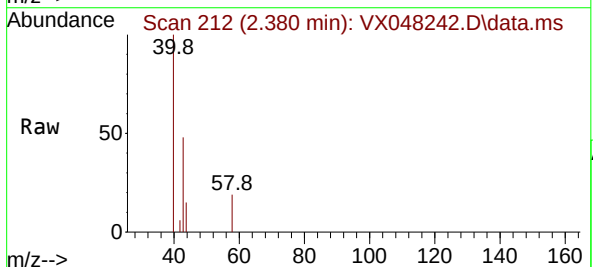
Manual Integrations
APPROVED

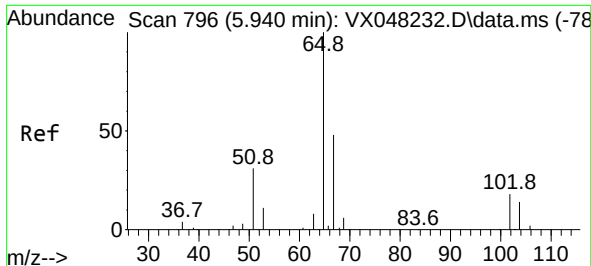
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#16
Acetone
Concen: 2.208 ug/l m
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048242.D
Acq: 20 Oct 2025 16:38

Tgt Ion: 43 Resp: 1397
Ion Ratio Lower Upper
43 100
58 39.9 23.4 35.2#





#33

1,2-Dichloroethane-d4

Concen: 60.401 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048242.D

Acq: 20 Oct 2025 16:38

Instrument :

MSVOA_X

ClientSampleId :

VPB184-HYD-20251016

Tgt Ion: 65 Resp: 111418

Ion Ratio Lower Upper

65 100

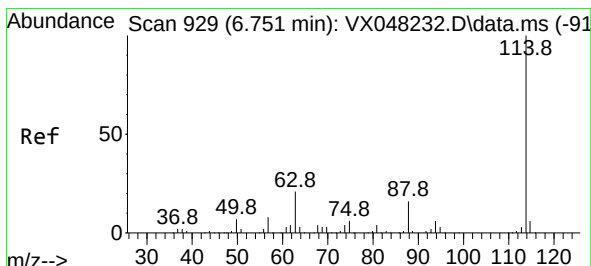
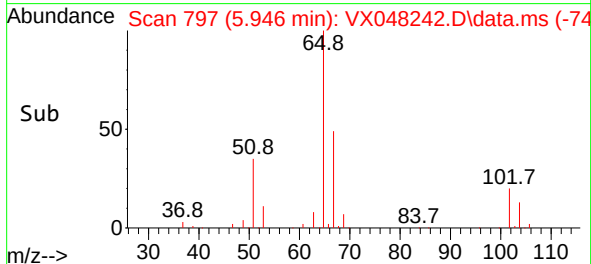
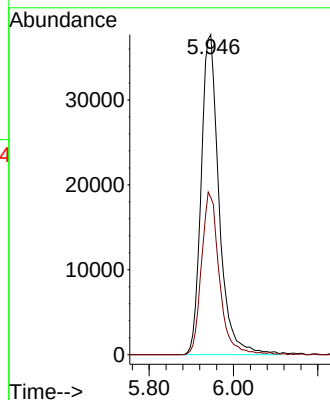
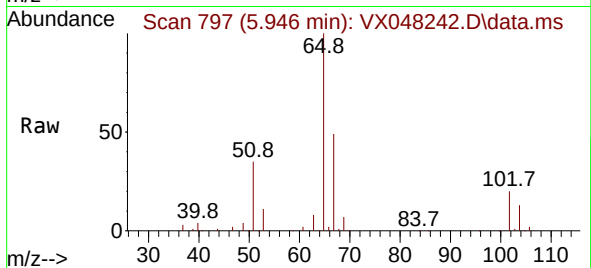
67 50.6 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048242.D

Acq: 20 Oct 2025 16:38

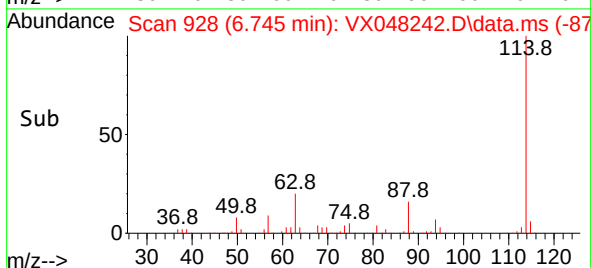
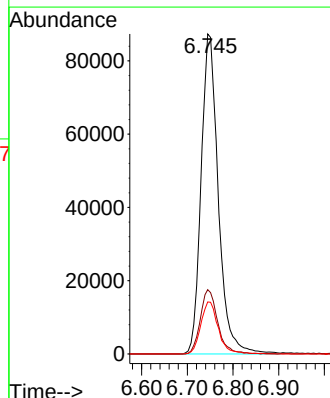
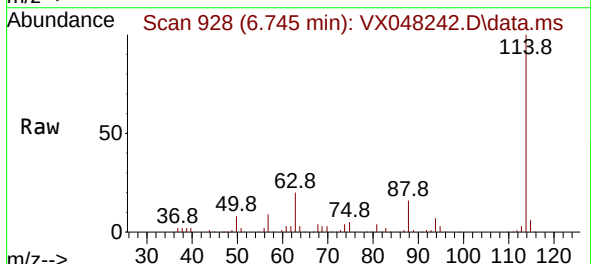
Tgt Ion:114 Resp: 228008

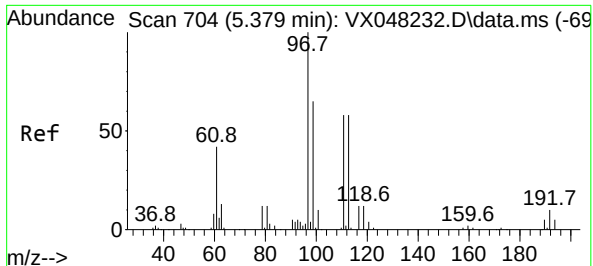
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

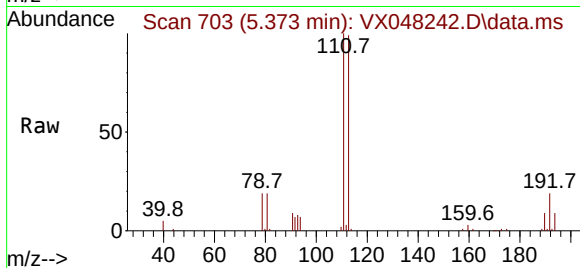
88 16.3 0.0 33.6





#35
Dibromofluoromethane
Concen: 56.974 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048242.D
Acq: 20 Oct 2025 16:38

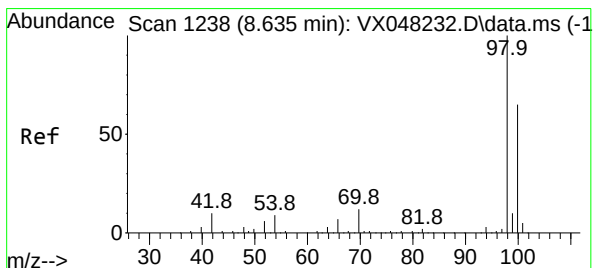
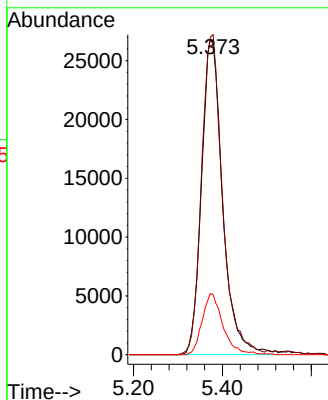
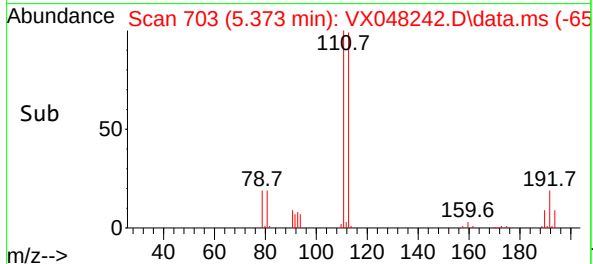
Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20251016



Tgt Ion:113 Resp: 8868
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.4
192 19.0 15.1 22.7

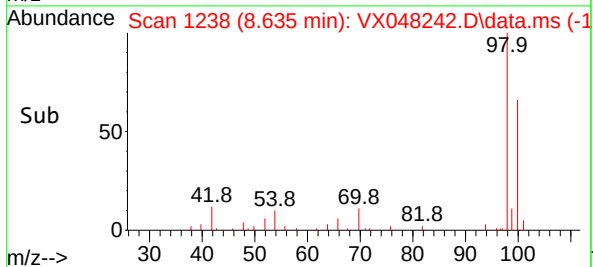
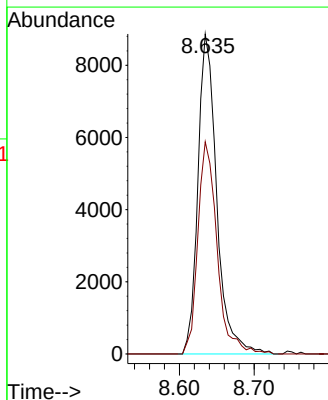
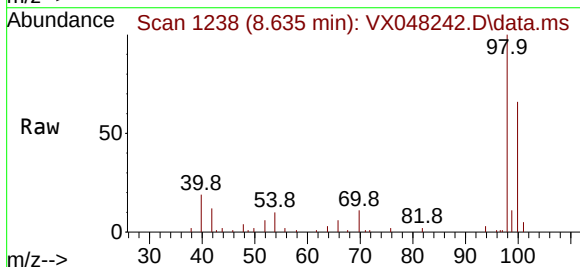
Manual Integrations
APPROVED

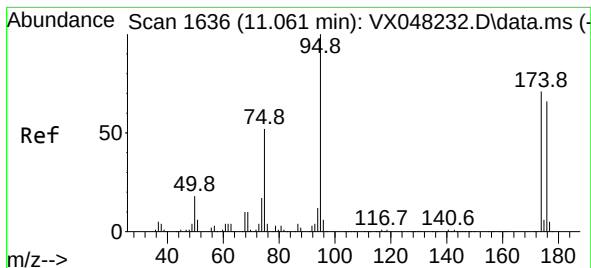
Reviewed By :John Carbone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#50
Toluene-d8
Concen: 2.840 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048242.D
Acq: 20 Oct 2025 16:38

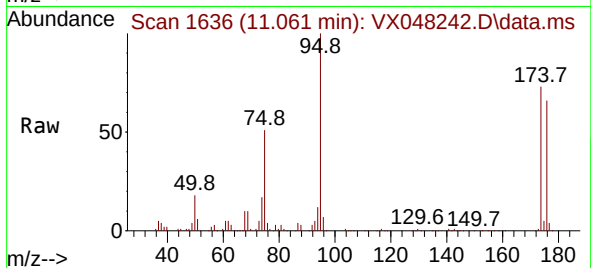
Tgt Ion: 98 Resp: 15496
Ion Ratio Lower Upper
98 100
100 67.9 53.0 79.4





#62
4-Bromofluorobenzene
Concen: 53.625 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048242.D
Acq: 20 Oct 2025 16:38

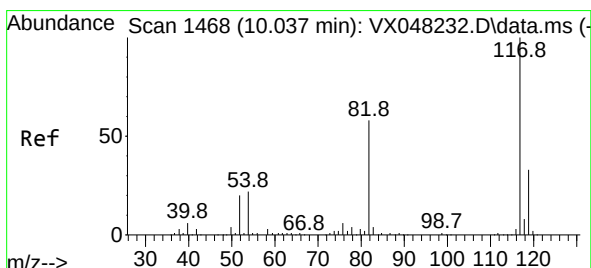
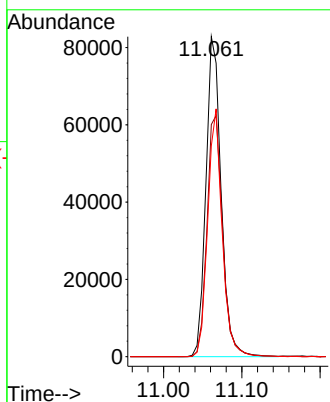
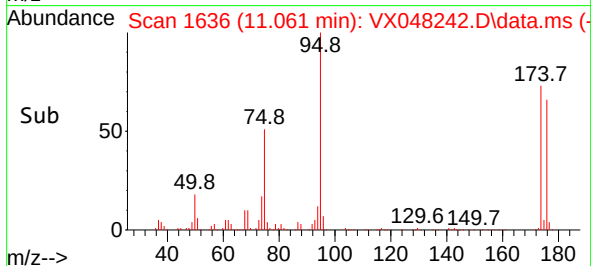
Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20251016



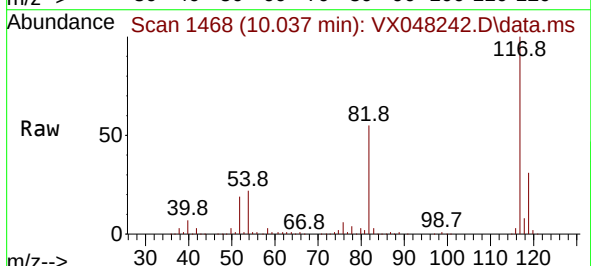
Tgt Ion: 95 Resp: 111300
Ion Ratio Lower Upper
95 100
174 78.1 0.0 147.8
176 74.1 0.0 142.8

Manual Integrations
APPROVED

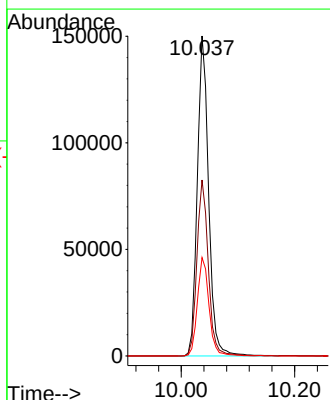
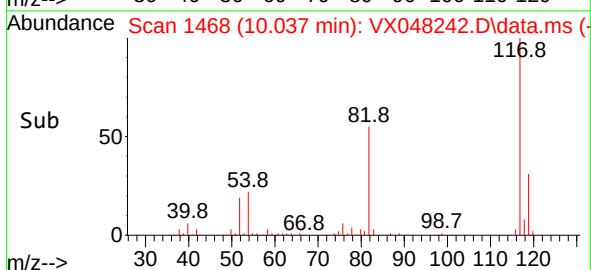
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

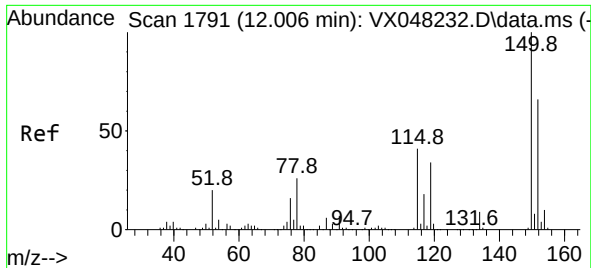


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048242.D
Acq: 20 Oct 2025 16:38



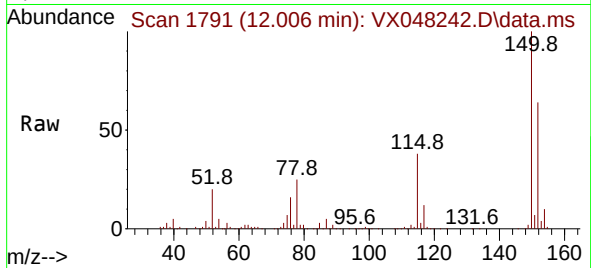
Tgt Ion:117 Resp: 207347
Ion Ratio Lower Upper
117 100
82 55.0 46.5 69.7
119 30.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048242.D
 Acq: 20 Oct 2025 16:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB184-HYD-20251016



Tgt Ion:152 Resp: 10295
 Ion Ratio Lower Upper
 152 100
 115 60.9 43.1 129.4
 150 158.3 0.0 353.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

