

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048315.D
 Acq On : 23 Oct 2025 11:26
 Operator : JC/MD
 Sample : PB170203TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB170203TB

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 05:41:21 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

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	109241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	228380	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	242932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	117869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	96337	62.898	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 125.800%#			
35) Dibromofluoromethane	5.373	113	63910	40.991	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 81.980%			
50) Toluene-d8	8.634	98	266865	48.832	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.660%			
62) 4-Bromofluorobenzene	11.061	95	115532	55.570	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.140%			
Target Compounds					Qvalue	
16) Acetone	2.373	43	29029	55.247	ug/l	99
18) Methyl Acetate	2.696	43	4367	3.980	ug/l	96
20) Methylene Chloride	2.788	84	4788	3.740	ug/l	96
25) 2-Butanone	4.544	43	3677m	5.529	ug/l	
43) Isopropyl Acetate	6.324	43	9388	3.112	ug/l #	93

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

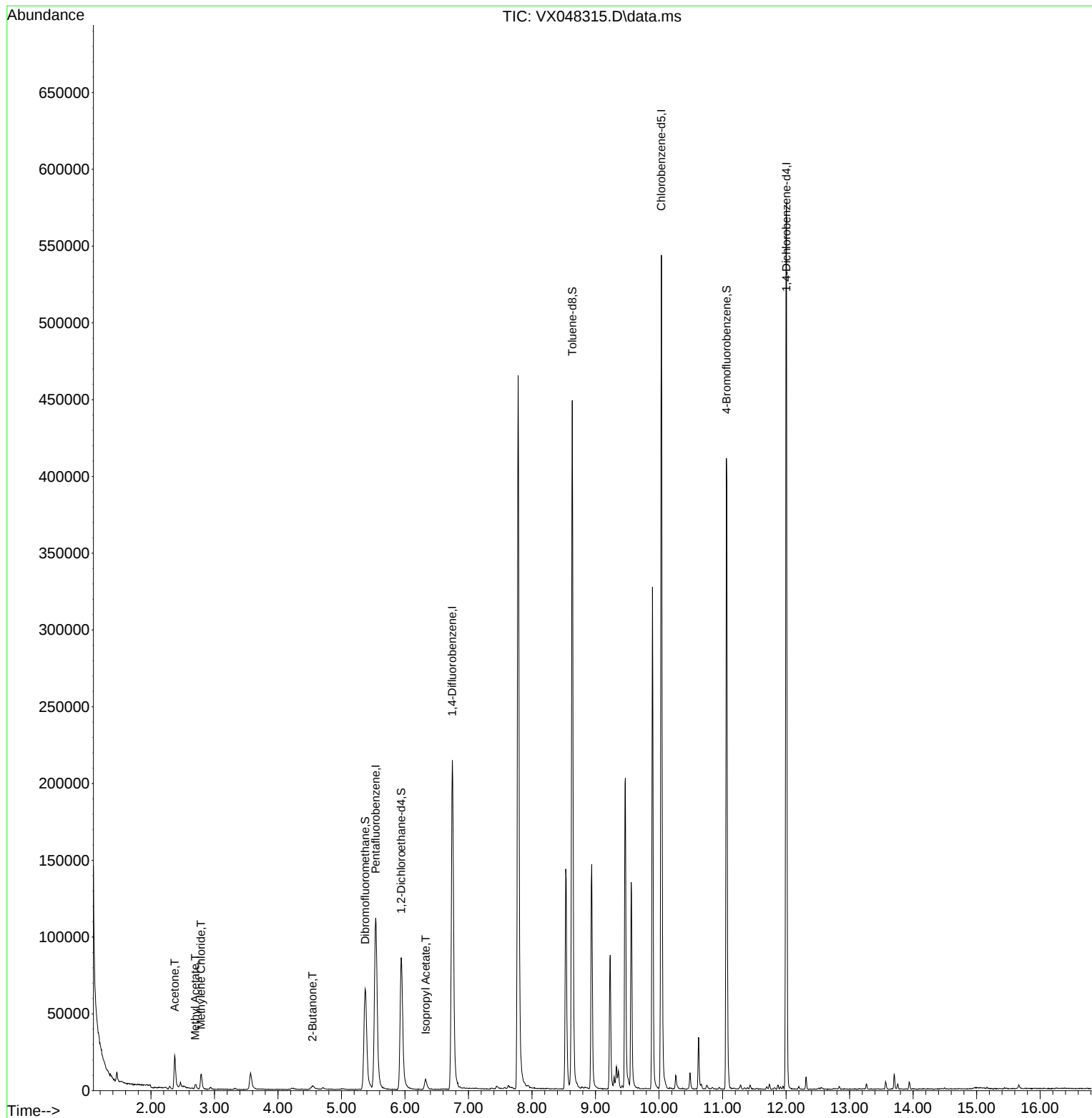
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
Data File : VX048315.D
Acq On : 23 Oct 2025 11:26
Operator : JC/MD
Sample : PB170203TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

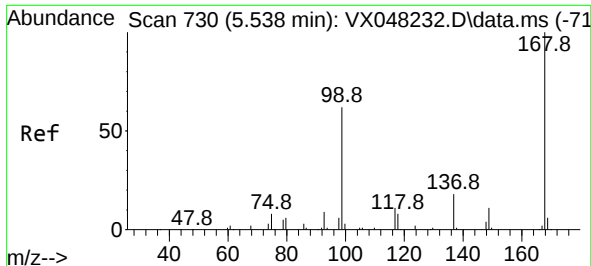
Instrument :
MSVOA_X
ClientSampleId :
PB170203TB

Manual Integrations
APPROVED

Reviewed By : John Carlone 10/24/2025
Supervised By : Mahesh Dadoda 10/27/2025

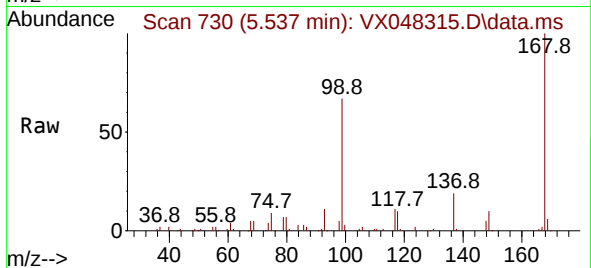
Quant Time: Oct 24 05:41:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048315.D
Acq: 23 Oct 2025 11:26

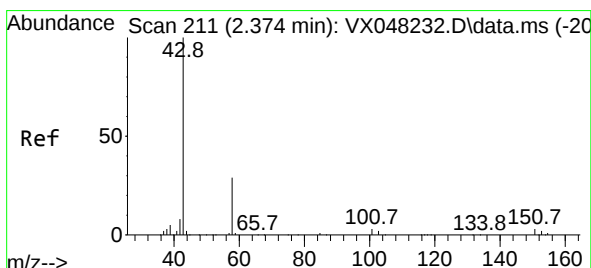
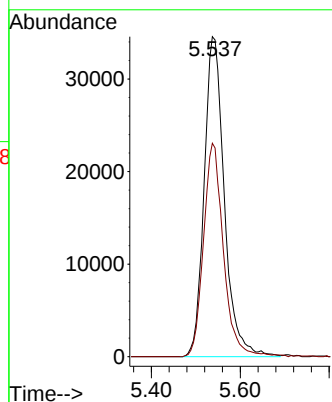
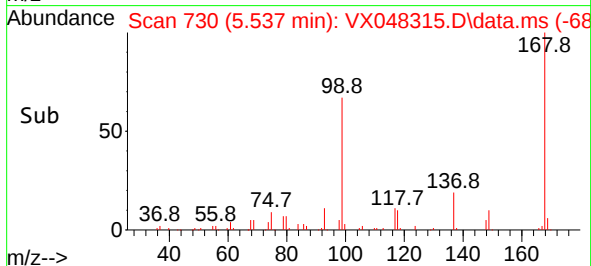
Instrument :
MSVOA_X
ClientSampleId :
PB170203TB



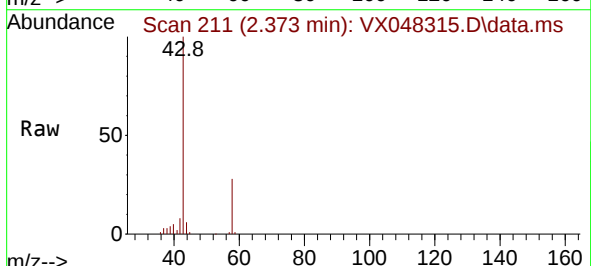
Tgt Ion:168 Resp: 10924
Ion Ratio Lower Upper
168 100
99 66.7 46.4 69.6

Manual Integrations
APPROVED

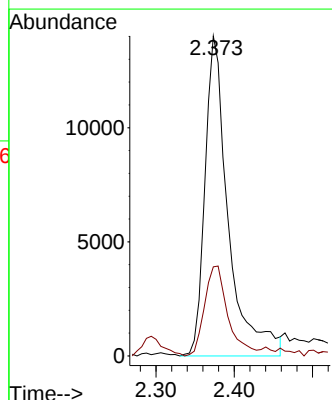
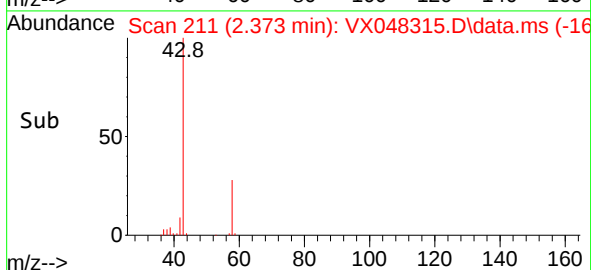
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

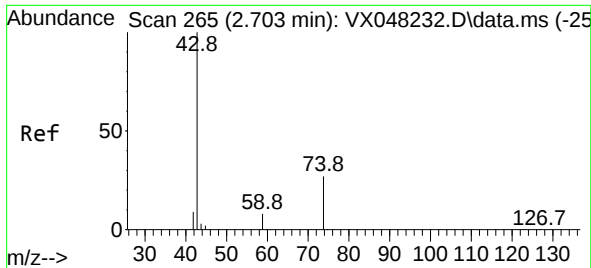


#16
Acetone
Concen: 55.247 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048315.D
Acq: 23 Oct 2025 11:26



Tgt Ion: 43 Resp: 29029
Ion Ratio Lower Upper
43 100
58 28.7 23.4 35.2





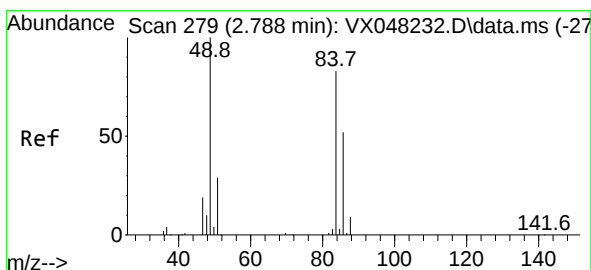
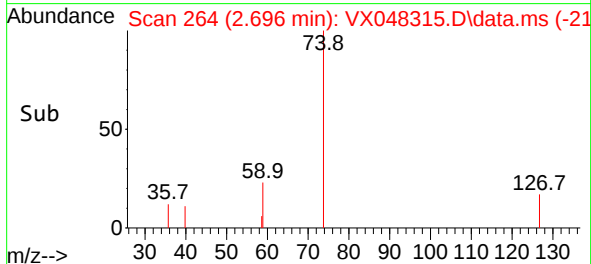
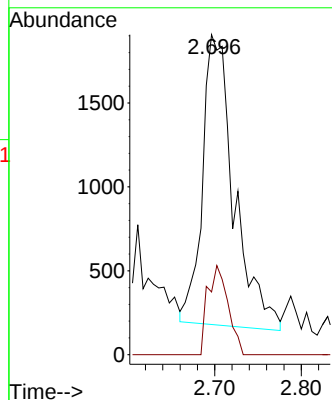
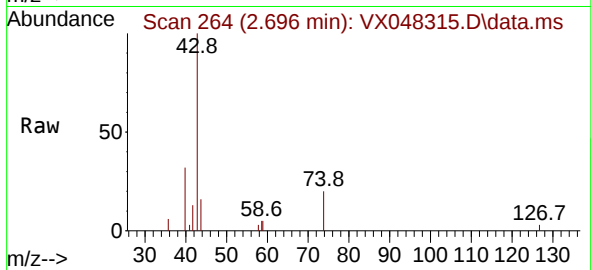
#18
Methyl Acetate
Concen: 3.980 ug/l
RT: 2.696 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX048315.D
Acq: 23 Oct 2025 11:26

Instrument :
MSVOA_X
ClientSampleId :
PB170203TB

Tgt Ion: 43 Resp: 436
Ion Ratio Lower Upper
43 100
74 19.8 17.5 26.3

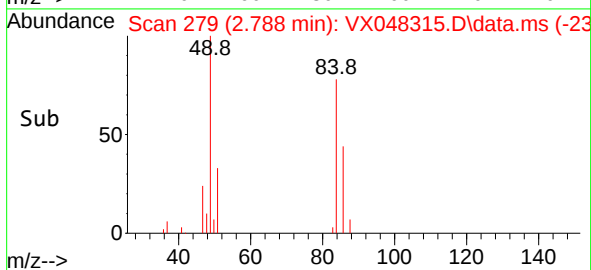
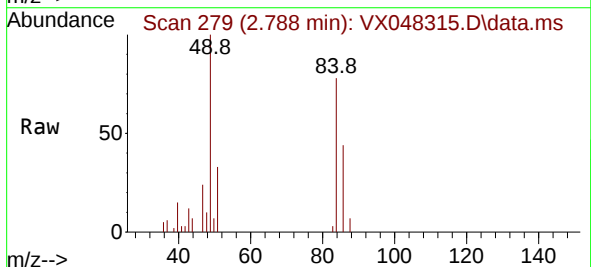
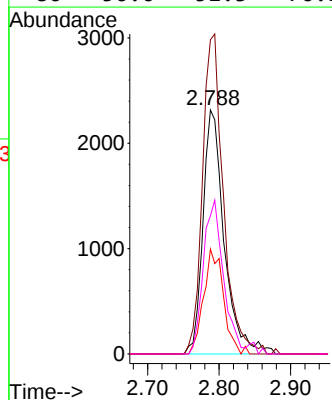
Manual Integrations
APPROVED

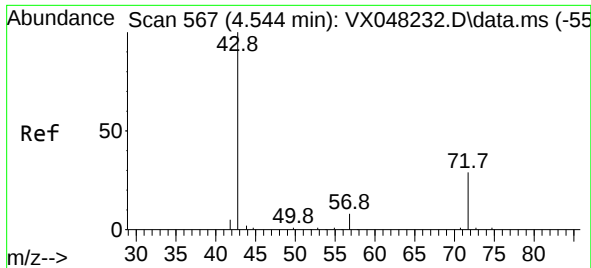
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Methylene Chloride
Concen: 3.740 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048315.D
Acq: 23 Oct 2025 11:26

Tgt Ion: 84 Resp: 4788
Ion Ratio Lower Upper
84 100
49 128.8 104.1 156.1
51 43.0 31.3 46.9
86 56.6 51.3 76.9





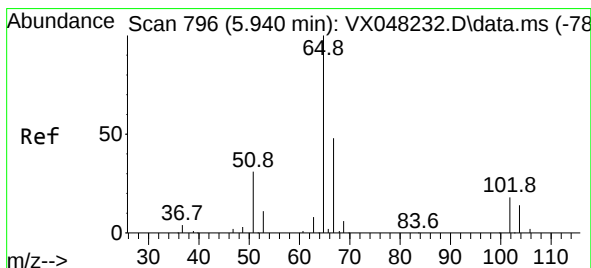
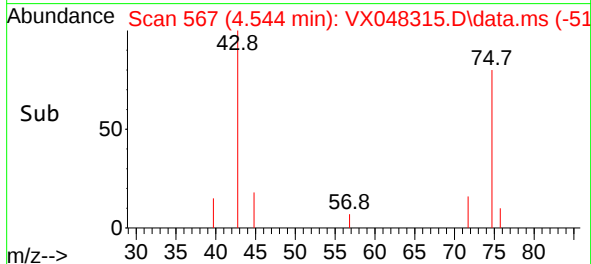
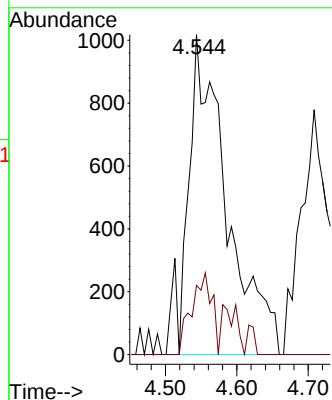
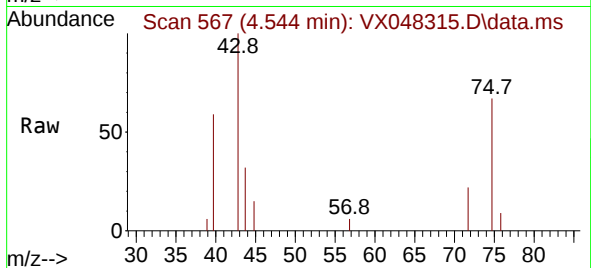
#25
2-Butanone
Concen: 5.529 ug/l m
RT: 4.544 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX048315.D
Acq: 23 Oct 2025 11:26

Instrument :
MSVOA_X
ClientSampleId :
PB170203TB

Tgt Ion: 43 Resp: 367
Ion Ratio Lower Upper
43 100
72 21.6 19.9 29.9

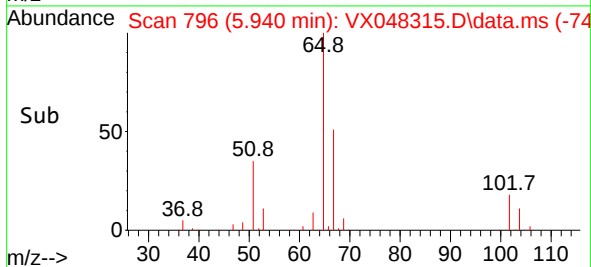
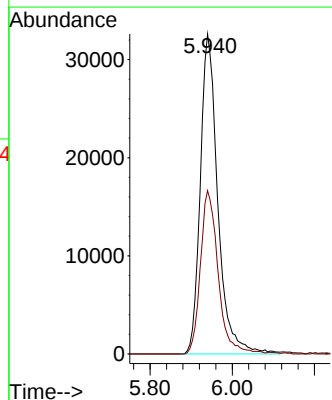
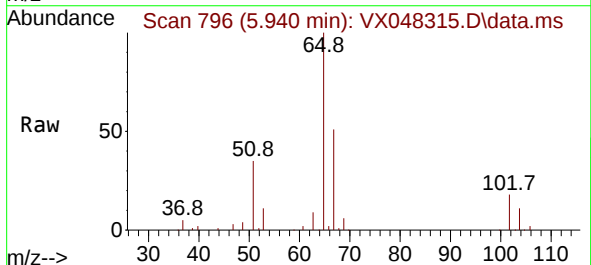
Manual Integrations
APPROVED

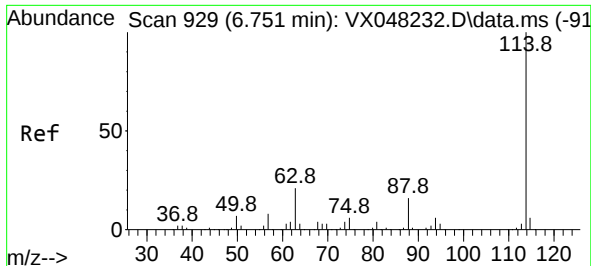
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#33
1,2-Dichloroethane-d4
Concen: 62.898 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048315.D
Acq: 23 Oct 2025 11:26

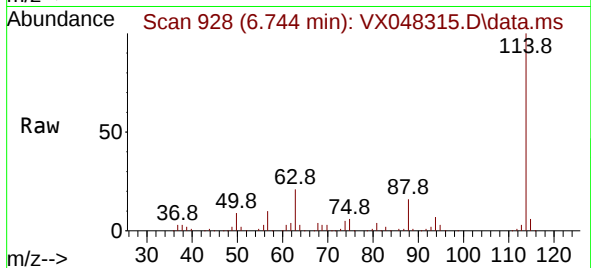
Tgt Ion: 65 Resp: 96337
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 911
Delta R.T. -0.001 min
Lab File: VX048315.D
Acq: 23 Oct 2025 11:26

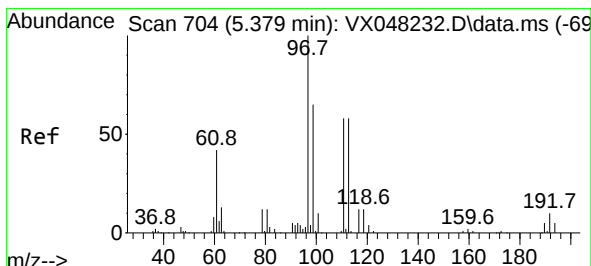
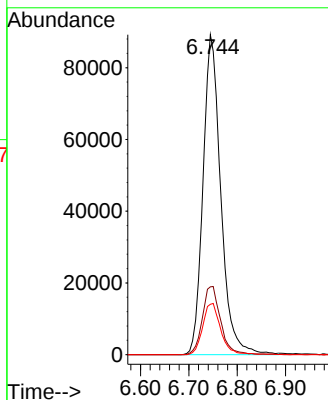
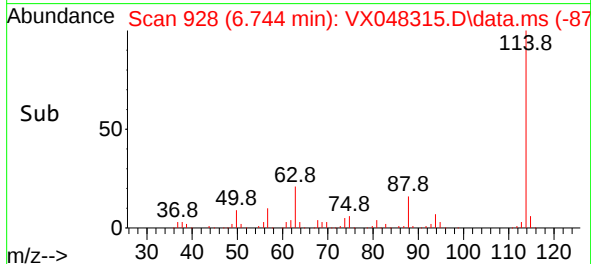
Instrument :
MSVOA_X
ClientSampleId :
PB170203TB



Tgt Ion:114 Resp: 228380
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.2
88 15.8 0.0 33.6

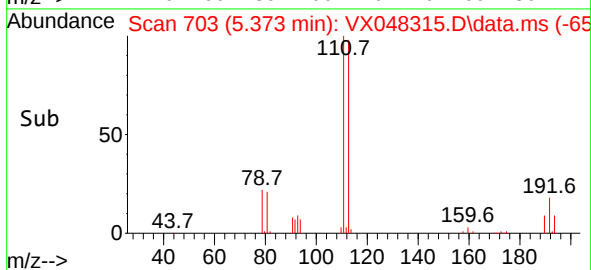
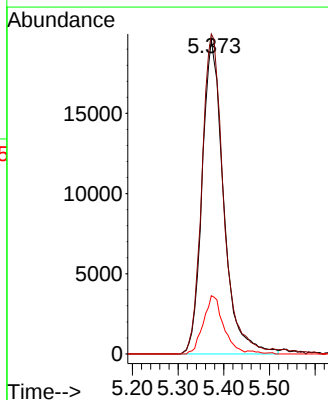
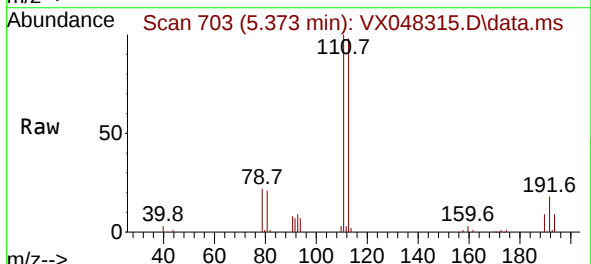
Manual Integrations
APPROVED

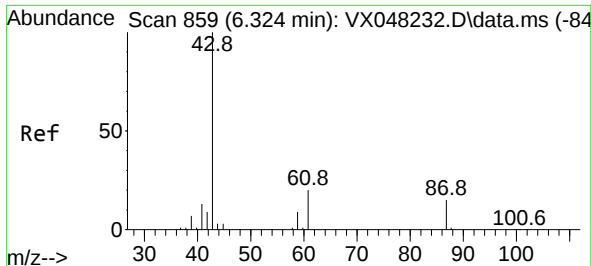
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#35
Dibromofluoromethane
Concen: 40.991 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048315.D
Acq: 23 Oct 2025 11:26

Tgt Ion:113 Resp: 63910
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 17.3 15.1 22.7





#43
Isopropyl Acetate
Concen: 3.112 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048315.D
Acq: 23 Oct 2025 11:26

Instrument :

MSVOA_X

ClientSampleId :

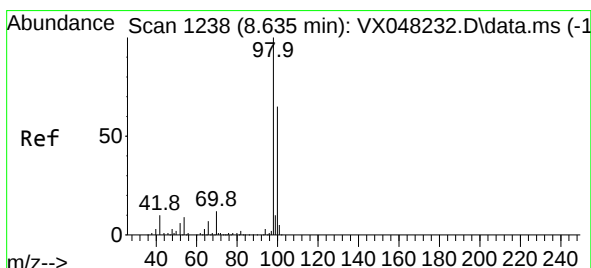
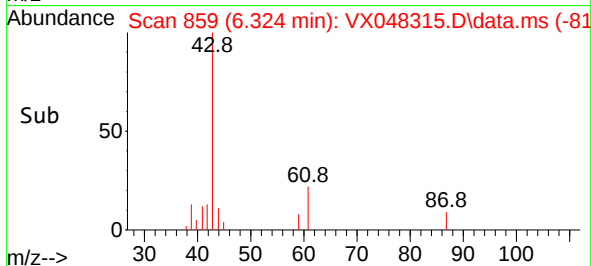
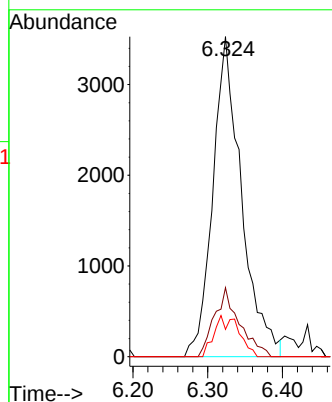
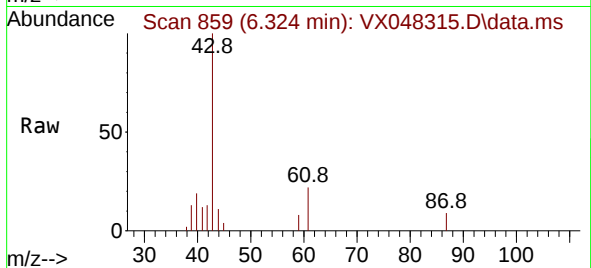
PB170203TB

Tgt Ion: 43 Resp: 938
Ion Ratio Lower Upper
43 100
61 19.0 14.9 22.3
87 5.5 9.4 14.2

Manual Integrations

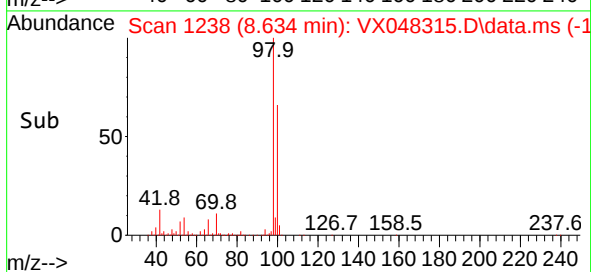
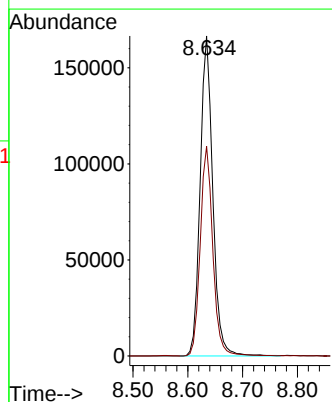
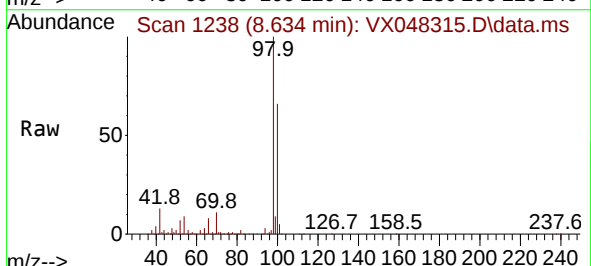
APPROVED

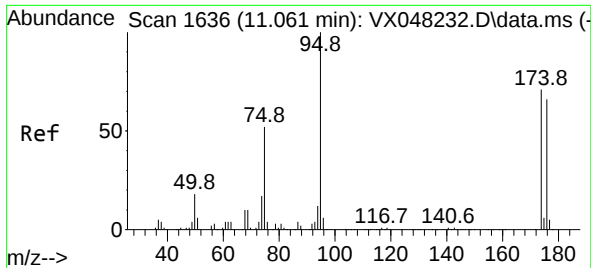
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#50
Toluene-d8
Concen: 48.832 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048315.D
Acq: 23 Oct 2025 11:26

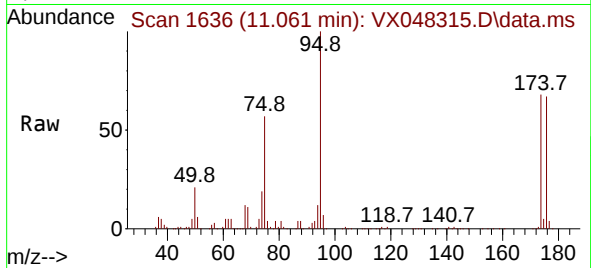
Tgt Ion: 98 Resp: 266865
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4





#62
4-Bromofluorobenzene
Concen: 55.570 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048315.D
Acq: 23 Oct 2025 11:26

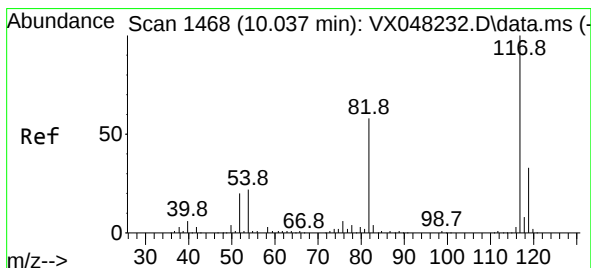
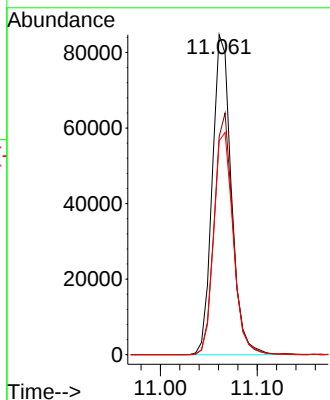
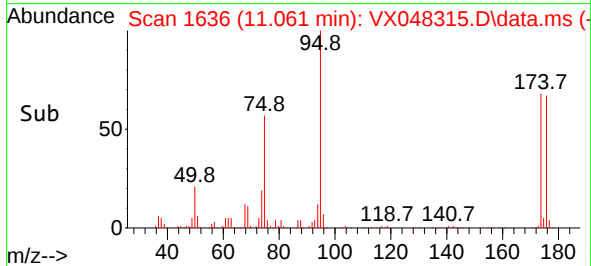
Instrument :
MSVOA_X
ClientSampleId :
PB170203TB



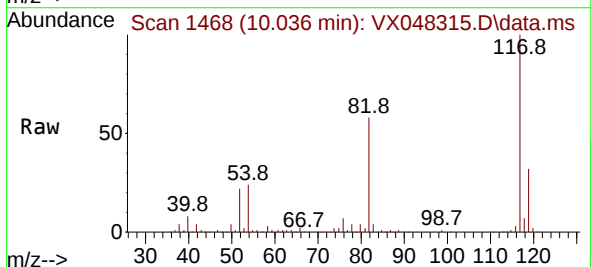
Tgt Ion: 95 Resp: 115532
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.8
176 71.3 0.0 142.8

Manual Integrations
APPROVED

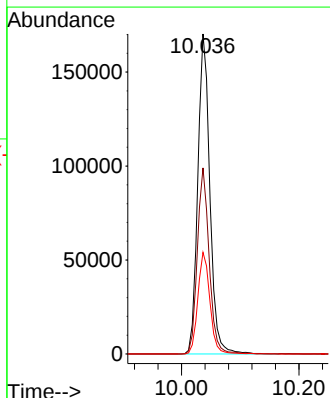
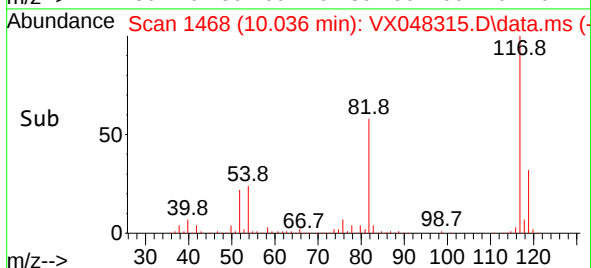
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

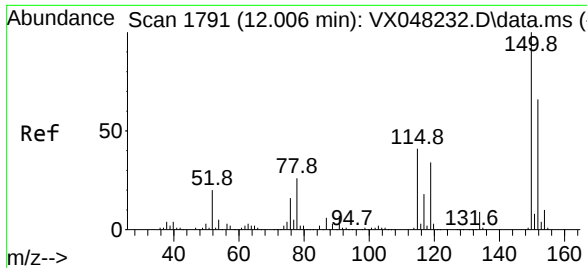


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048315.D
Acq: 23 Oct 2025 11:26



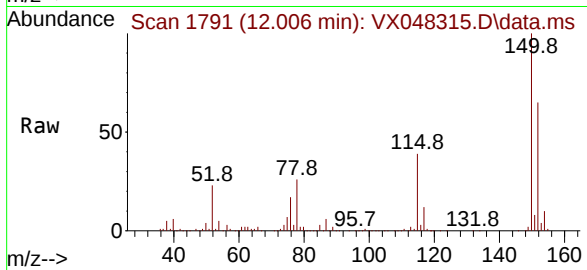
Tgt Ion:117 Resp: 242932
Ion Ratio Lower Upper
117 100
82 58.2 46.5 69.7
119 31.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048315.D
 Acq: 23 Oct 2025 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 PB170203TB



Tgt Ion:152 Resp: 117869
 Ion Ratio Lower Upper
 152 100
 115 64.0 43.1 129.4
 150 160.2 0.0 353.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

