

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX047002.D
 Acq On : 15 Jul 2025 15:20
 Operator : JC/MD
 Sample : Q2571-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-18

Quant Time: Jul 16 02:27:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/16/2025
 Supervised By : Mahesh Dadoda 07/16/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	312757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	548281	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	491131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	249980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	232403	56.247	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.500%			
35) Dibromofluoromethane	5.397	113	185740	49.907	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.820%			
50) Toluene-d8	8.653	98	641928	48.886	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.780%			
62) 4-Bromofluorobenzene	11.079	95	254982	51.093	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.180%			
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	87300	68.021	ug/l	90
18) Methyl Acetate	2.721	43	36011	10.645	ug/l	94
20) Methylene Chloride	2.806	84	37554	9.895	ug/l	97
25) 2-Butanone	4.599	43	12346	7.210	ug/l	95
37) Ethyl Acetate	4.745	43	21060m	4.924	ug/l	
43) Isopropyl Acetate	6.361	43	14488	2.212	ug/l #	85

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

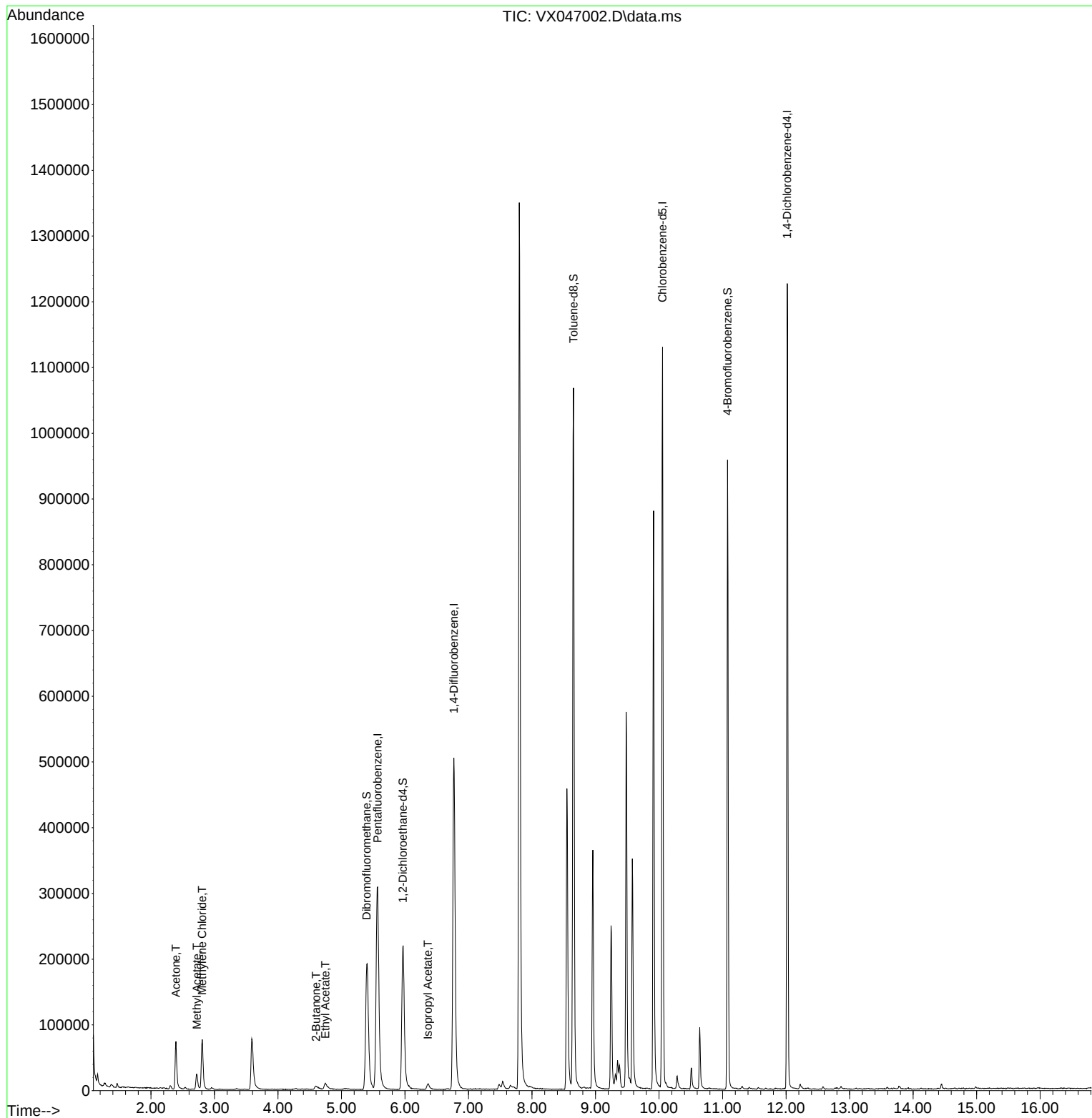
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047002.D
Acq On : 15 Jul 2025 15:20
Operator : JC/MD
Sample : Q2571-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

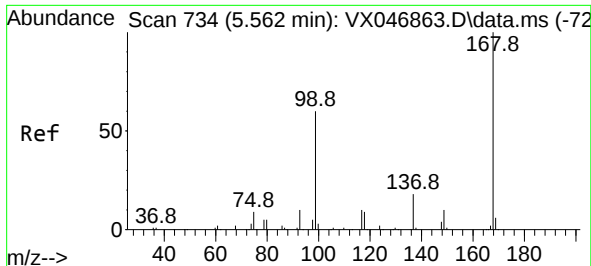
Instrument :
MSVOA_X
ClientSampleId :
TP-18

Quant Time: Jul 16 02:27:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

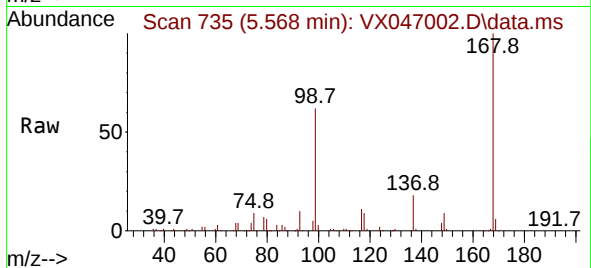
Reviewed By : John Carlone 07/16/2025
Supervised By : Mahesh Dadoda 07/16/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047002.D
Acq: 15 Jul 2025 15:20

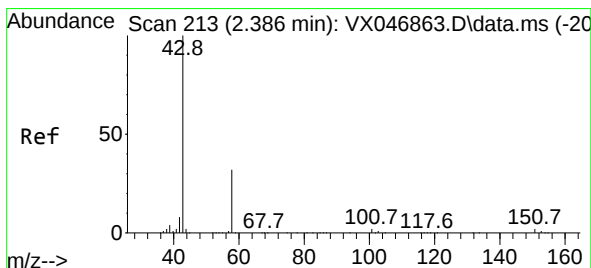
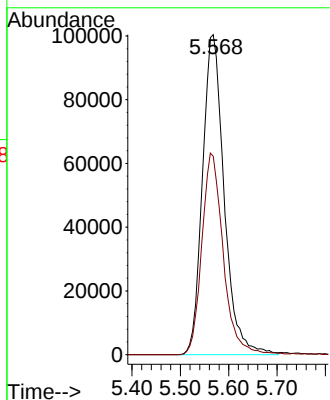
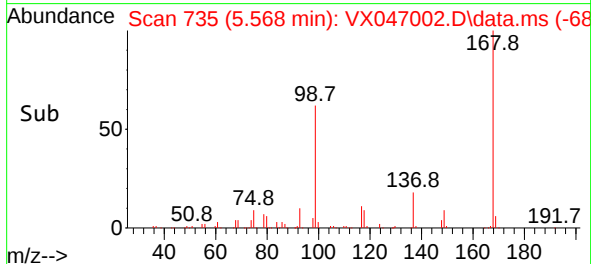
Instrument :
MSVOA_X
ClientSampleId :
TP-18



Tgt Ion:168 Resp: 31275
Ion Ratio Lower Upper
168 100
99 62.0 48.8 73.2

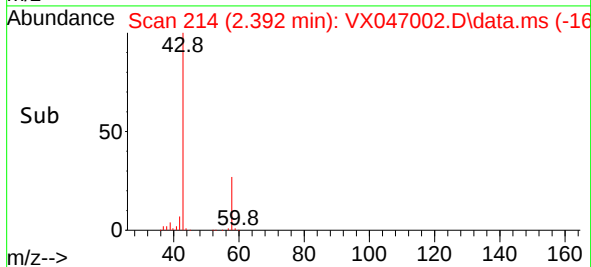
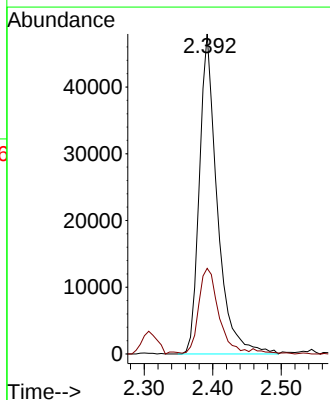
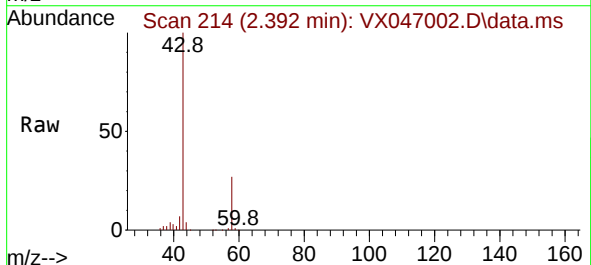
Manual Integrations
APPROVED

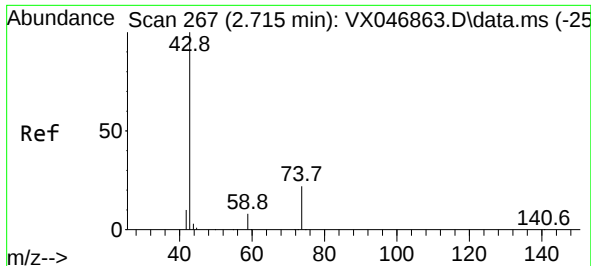
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#16
Acetone
Concen: 68.021 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047002.D
Acq: 15 Jul 2025 15:20

Tgt Ion: 43 Resp: 87300
Ion Ratio Lower Upper
43 100
58 26.5 25.8 38.6





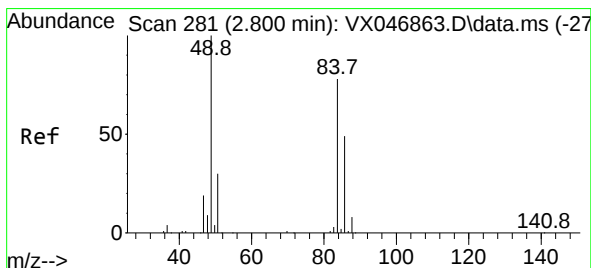
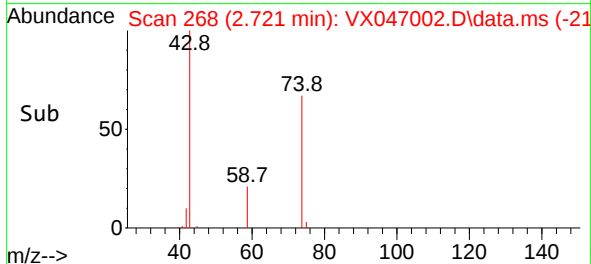
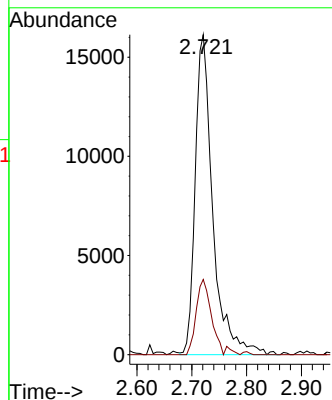
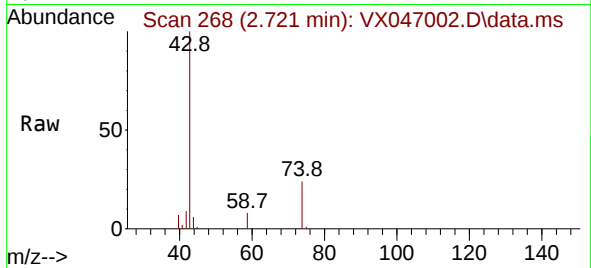
#18
Methyl Acetate
Concen: 10.645 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX047002.D
Acq: 15 Jul 2025 15:20

Instrument :
MSVOA_X
ClientSampleId :
TP-18

Tgt Ion: 43 Resp: 3601
Ion Ratio Lower Upper
43 100
74 20.0 18.3 27.5

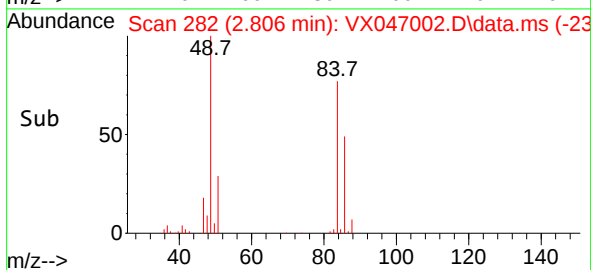
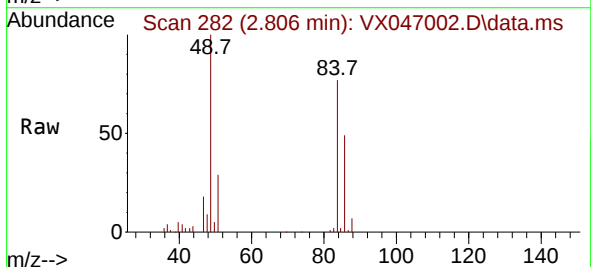
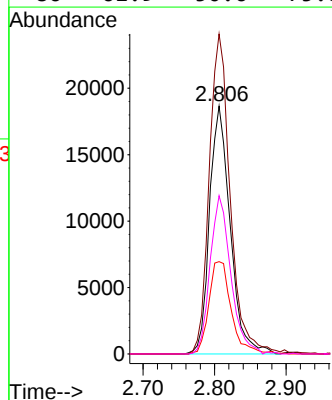
Manual Integrations
APPROVED

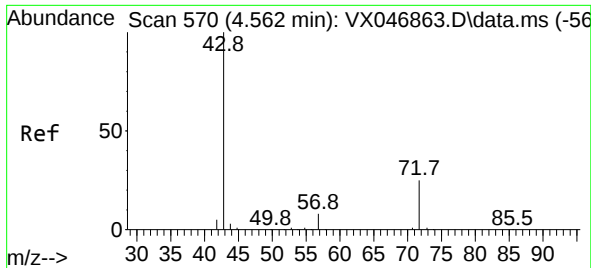
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#20
Methylene Chloride
Concen: 9.895 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX047002.D
Acq: 15 Jul 2025 15:20

Tgt Ion: 84 Resp: 37554
Ion Ratio Lower Upper
84 100
49 125.1 102.8 154.2
51 36.1 31.1 46.7
86 61.9 50.6 75.8





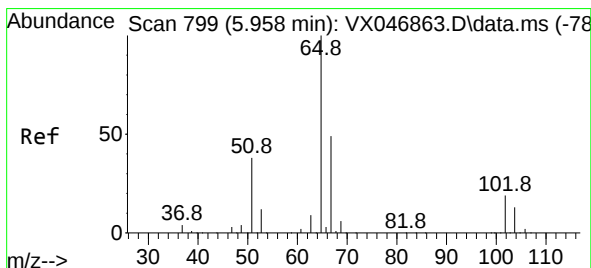
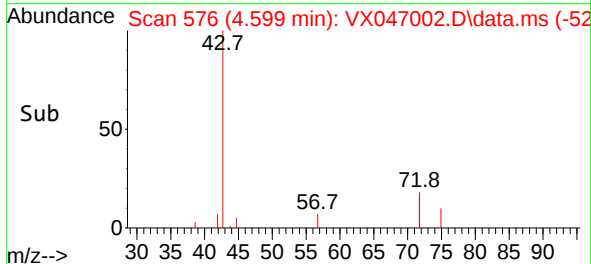
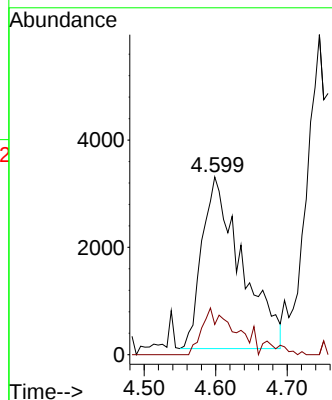
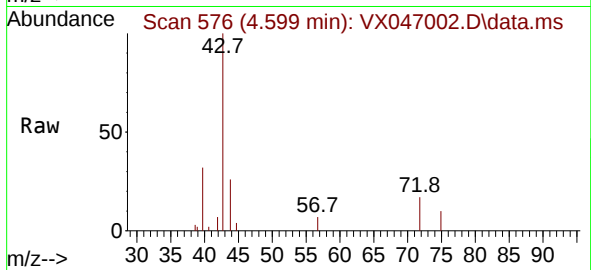
#25
2-Butanone
Concen: 7.210 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX047002.D
Acq: 15 Jul 2025 15:20

Instrument :
MSVOA_X
ClientSampleId :
TP-18

Tgt Ion: 43 Resp: 12340
Ion Ratio Lower Upper
43 100
72 22.5 20.0 30.0

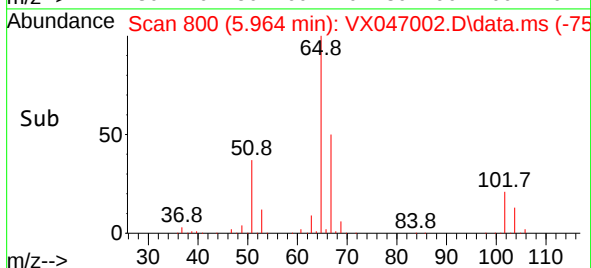
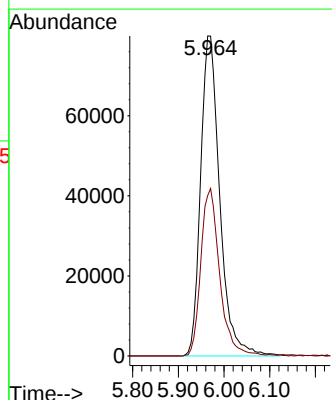
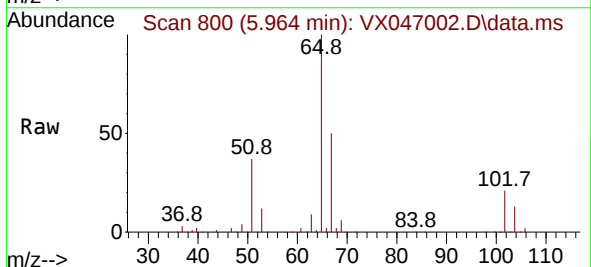
Manual Integrations
APPROVED

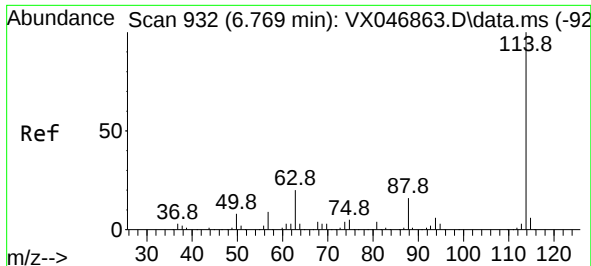
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#33
1,2-Dichloroethane-d4
Concen: 56.247 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047002.D
Acq: 15 Jul 2025 15:20

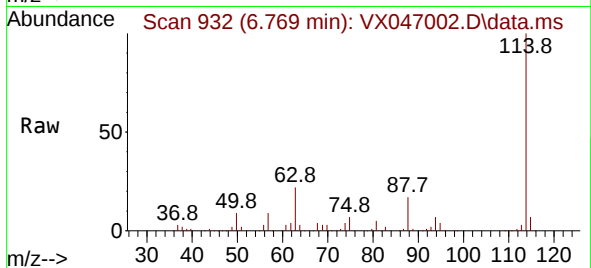
Tgt Ion: 65 Resp: 232403
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX047002.D
Acq: 15 Jul 2025 15:20

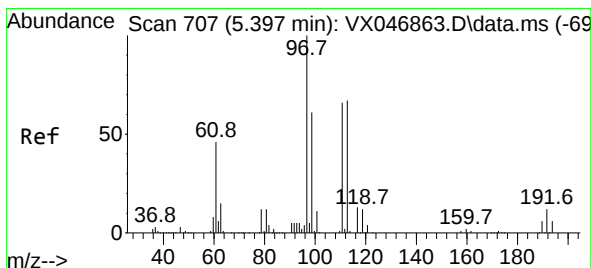
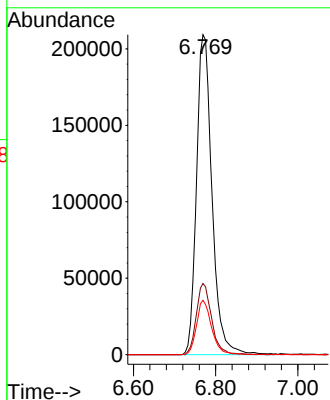
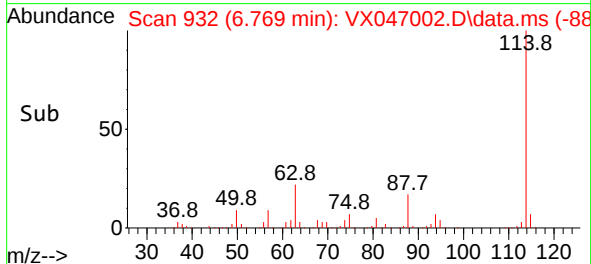
Instrument :
MSVOA_X
ClientSampleId :
TP-18



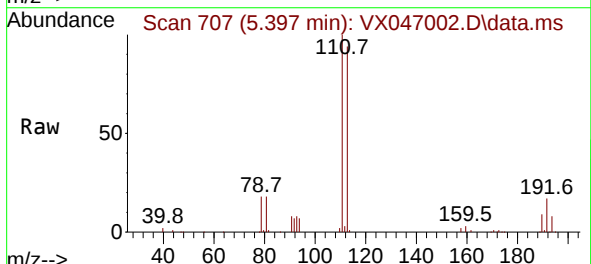
Tgt Ion:114 Resp: 54828
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.4
88 17.0 0.0 31.0

Manual Integrations
APPROVED

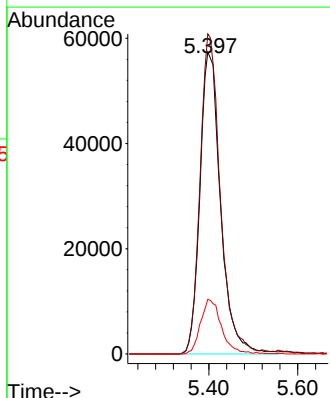
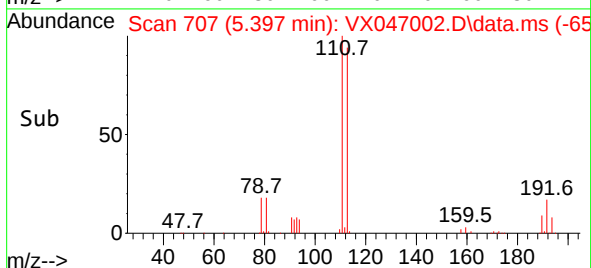
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

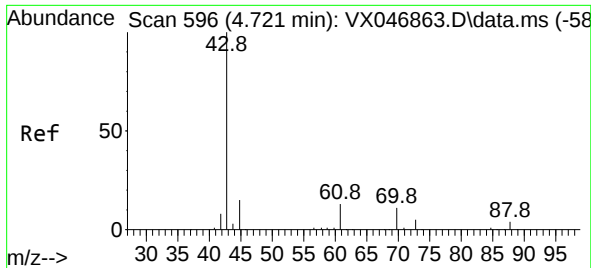


#35
Dibromofluoromethane
Concen: 49.907 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047002.D
Acq: 15 Jul 2025 15:20



Tgt Ion:113 Resp: 185740
Ion Ratio Lower Upper
113 100
111 103.4 81.2 121.8
192 18.2 15.3 22.9





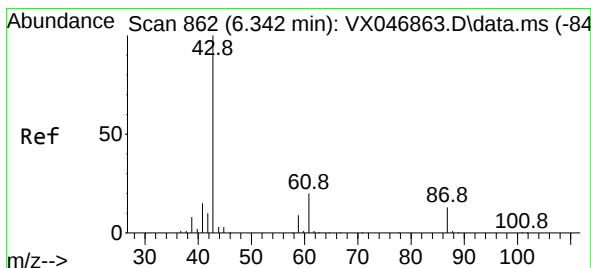
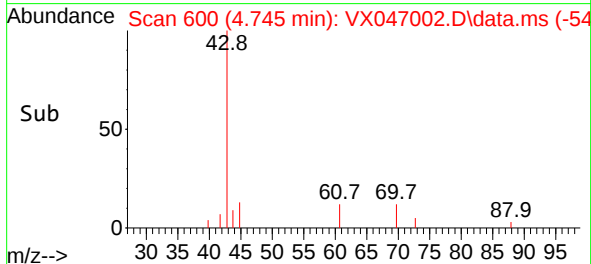
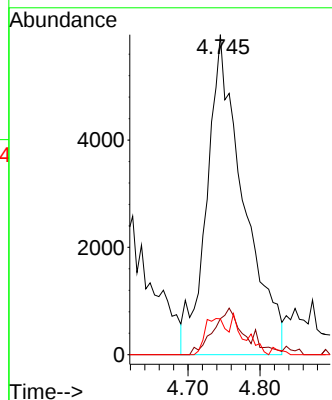
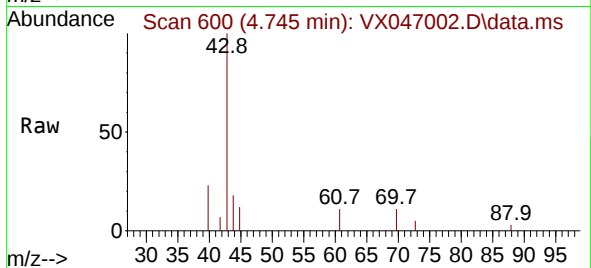
#37
Ethyl Acetate
Concen: 4.924 ug/l m
RT: 4.745 min Scan# 60
Delta R.T. 0.024 min
Lab File: VX047002.D
Acq: 15 Jul 2025 15:20

Instrument :
MSVOA_X
ClientSampleId :
TP-18

Tgt Ion: 43 Resp: 21060
Ion Ratio Lower Upper
43 100
61 10.6 9.7 14.5
70 6.7 8.3 12.5

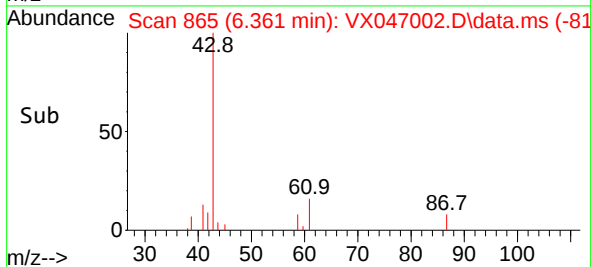
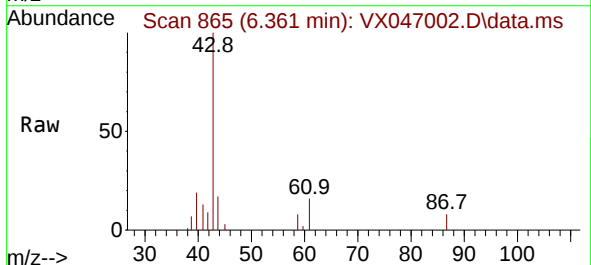
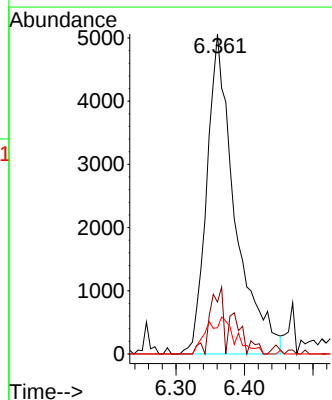
Manual Integrations
APPROVED

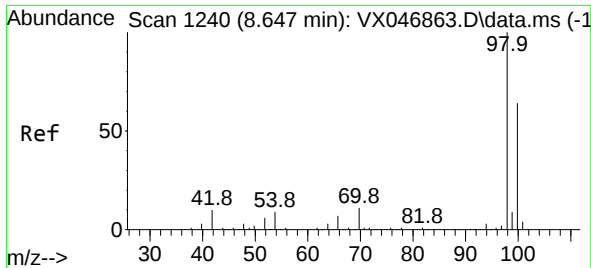
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#43
Isopropyl Acetate
Concen: 2.212 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.018 min
Lab File: VX047002.D
Acq: 15 Jul 2025 15:20

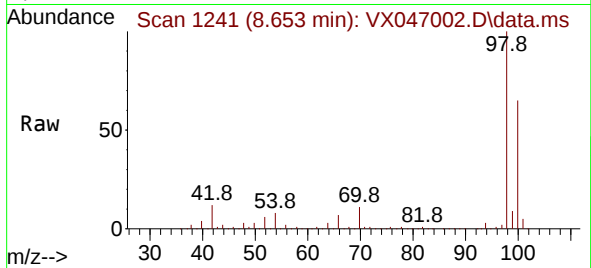
Tgt Ion: 43 Resp: 14488
Ion Ratio Lower Upper
43 100
61 9.4 15.7 23.5#
87 11.6 10.1 15.1





#50
Toluene-d8
Concen: 48.886 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX047002.D
Acq: 15 Jul 2025 15:20

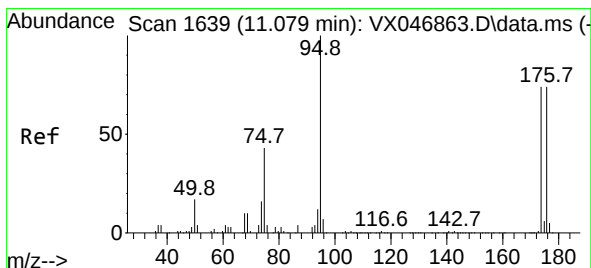
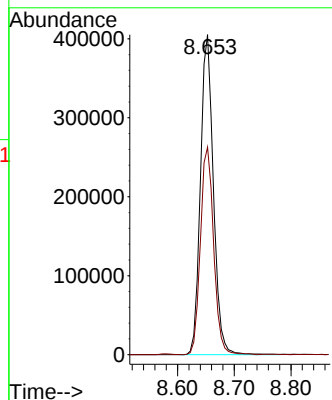
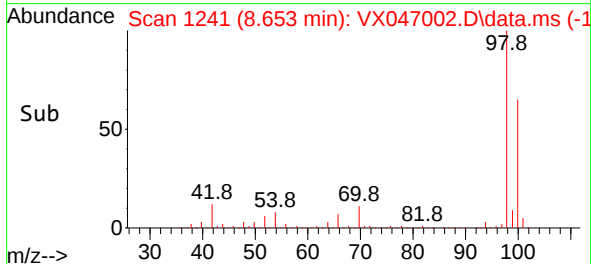
Instrument :
MSVOA_X
ClientSampleId :
TP-18



Tgt Ion: 98 Resp: 641928
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6

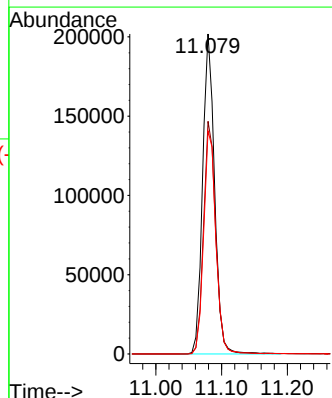
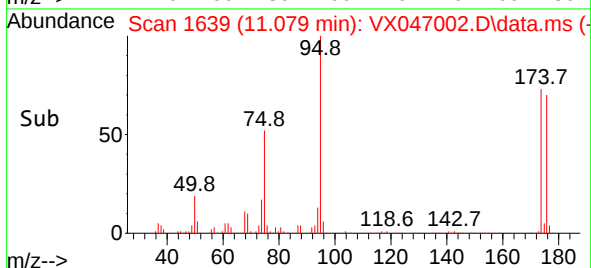
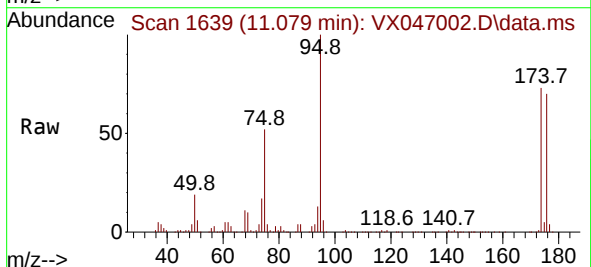
Manual Integrations
APPROVED

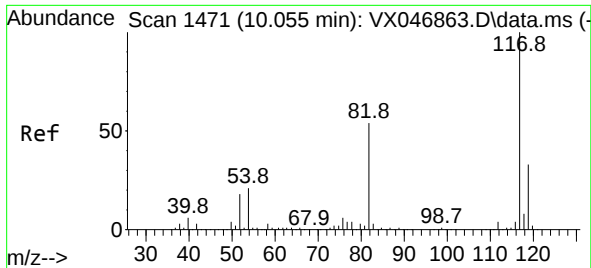
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#62
4-Bromofluorobenzene
Concen: 51.093 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047002.D
Acq: 15 Jul 2025 15:20

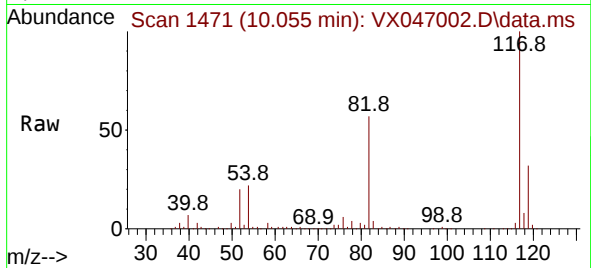
Tgt Ion: 95 Resp: 254982
Ion Ratio Lower Upper
95 100
174 73.8 0.0 152.0
176 71.2 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047002.D
Acq: 15 Jul 2025 15:20

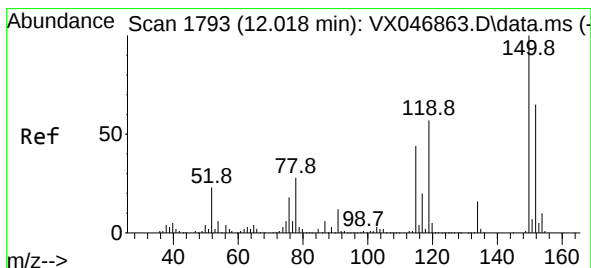
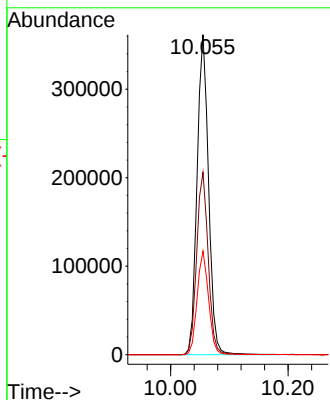
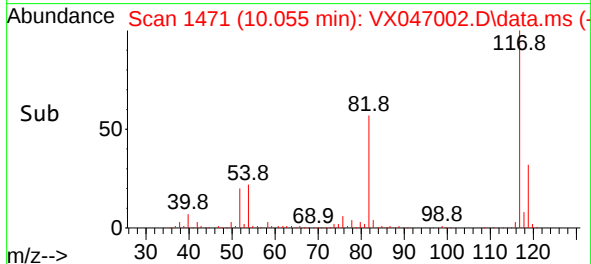
Instrument :
MSVOA_X
ClientSampleId :
TP-18



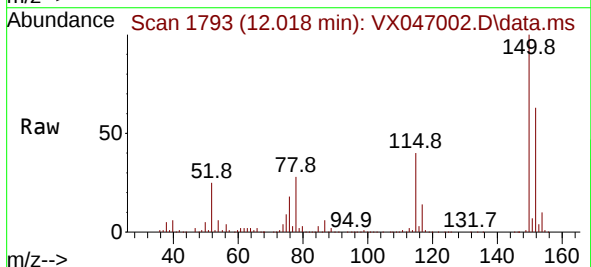
Tgt Ion:117 Resp: 49113
Ion Ratio Lower Upper
117 100
82 57.0 43.3 64.9
119 32.3 26.4 39.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047002.D
Acq: 15 Jul 2025 15:20



Tgt Ion:152 Resp: 249980
Ion Ratio Lower Upper
152 100
115 62.8 42.4 127.1
150 158.2 0.0 349.2

