

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090225\
 Data File : VX047580.D
 Acq On : 02 Sep 2025 13:44
 Operator : JC/MD
 Sample : Q2996-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CONTAINMENT-C

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/03/2025
 Supervised By : Mahesh Dadoda 09/03/2025

Quant Time: Sep 03 02:16:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	217331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	446535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	457770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	235679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	194708	58.341	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.680%			
35) Dibromofluoromethane	5.397	113	158930	51.857	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.720%			
50) Toluene-d8	8.653	98	553590	51.533	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.060%			
62) 4-Bromofluorobenzene	11.079	95	236267	58.545	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.080%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	4341	14.151	ug/l #	93
16) Acetone	2.392	43	30947	23.413	ug/l	95
18) Methyl Acetate	2.721	43	24457	7.505	ug/l	100
20) Methylene Chloride	2.806	84	10889	3.237	ug/l	95
25) 2-Butanone	4.599	43	17433	10.022	ug/l	98
37) Ethyl Acetate	4.745	43	12458m	2.898	ug/l	
43) Isopropyl Acetate	6.361	43	8807	1.275	ug/l	96

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

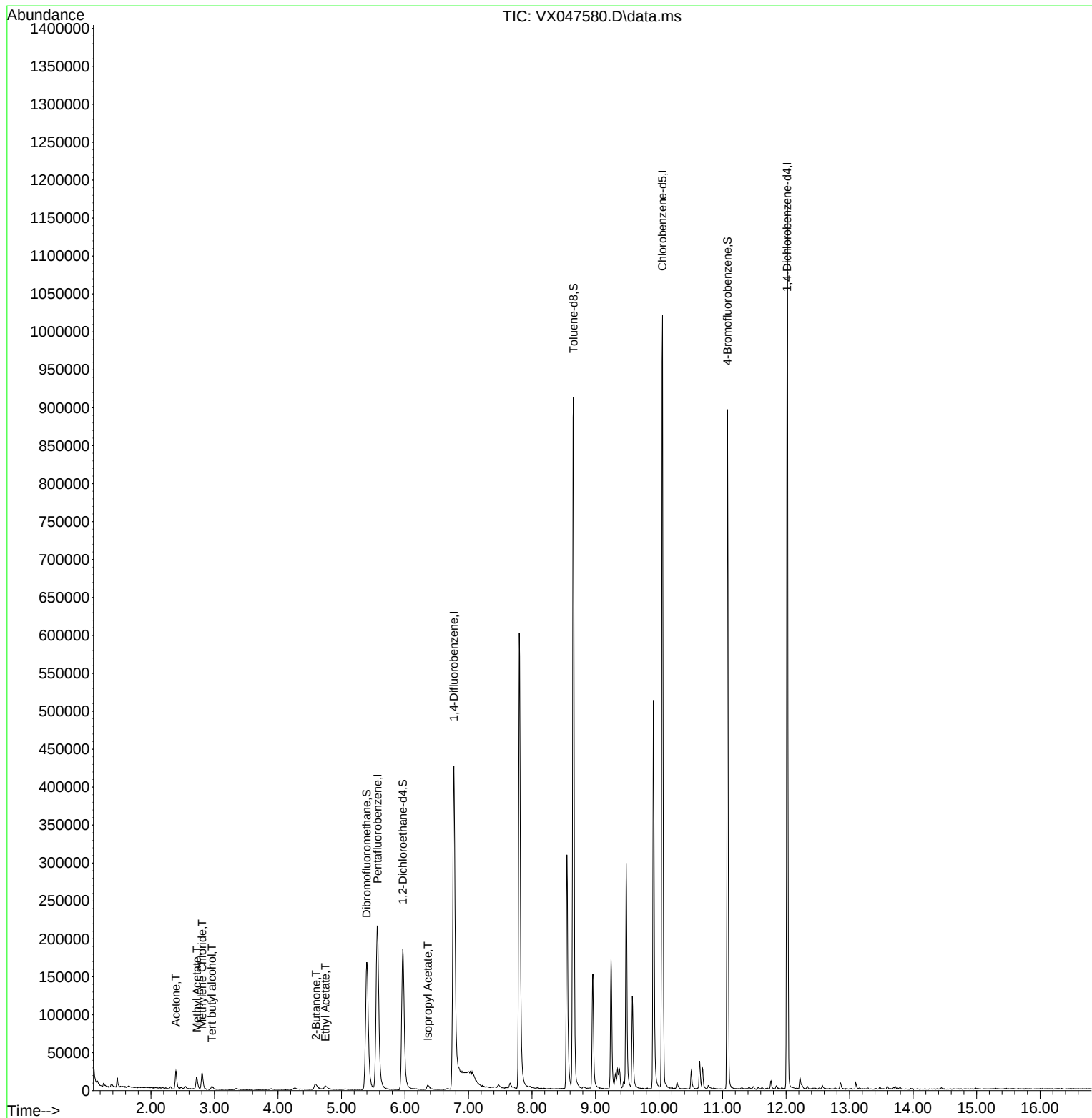
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090225\
Data File : VX047580.D
Acq On : 02 Sep 2025 13:44
Operator : JC/MD
Sample : Q2996-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

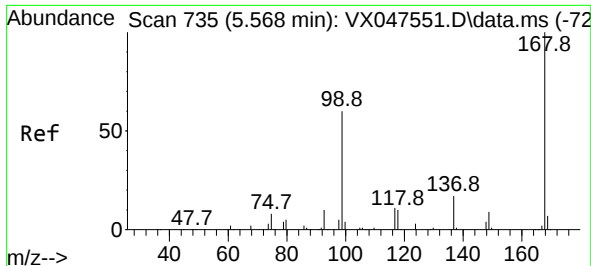
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-C

Quant Time: Sep 03 02:16:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

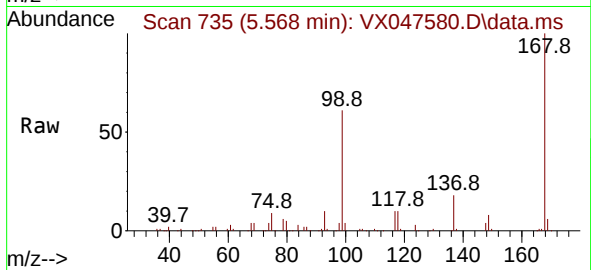
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047580.D
Acq: 02 Sep 2025 13:44

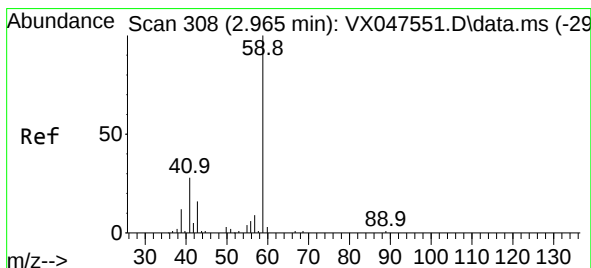
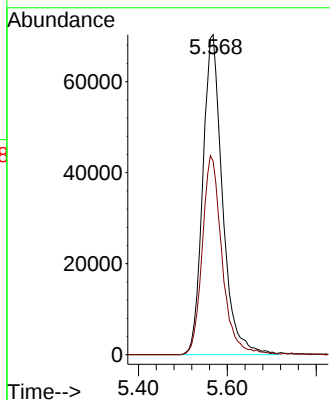
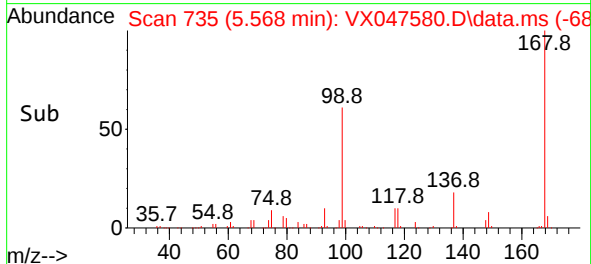
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-C



Tgt Ion:168 Resp: 21733
Ion Ratio Lower Upper
168 100
99 60.5 48.9 73.3

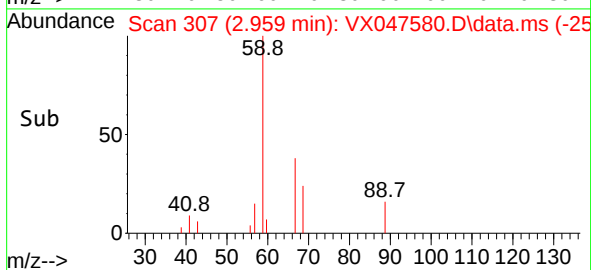
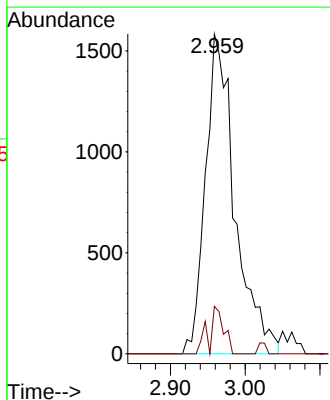
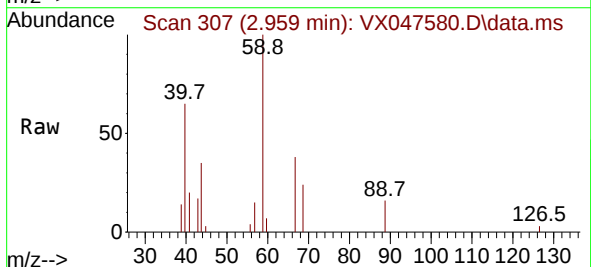
Manual Integrations
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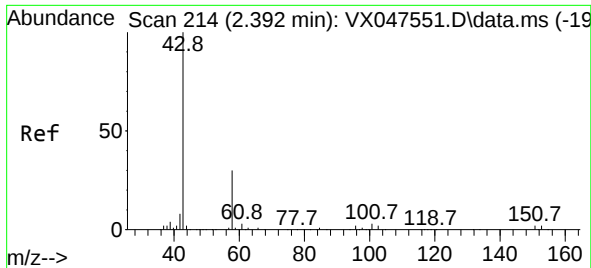
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#11
Tert butyl alcohol
Concen: 14.151 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX047580.D
Acq: 02 Sep 2025 13:44

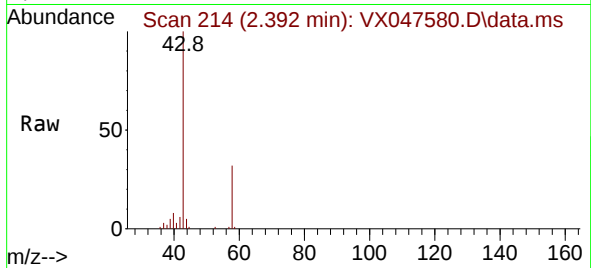
Tgt Ion: 59 Resp: 4341
Ion Ratio Lower Upper
59 100
57 7.4 7.9 11.9#





#16
Acetone
Concen: 23.413 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047580.D
Acq: 02 Sep 2025 13:44

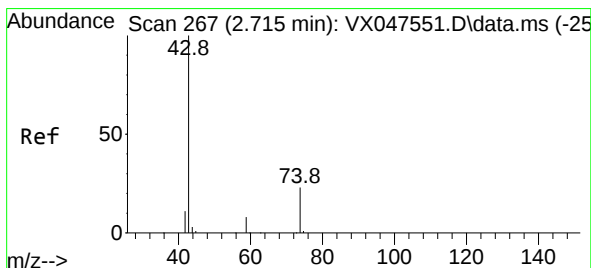
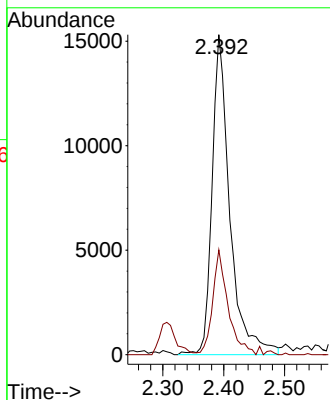
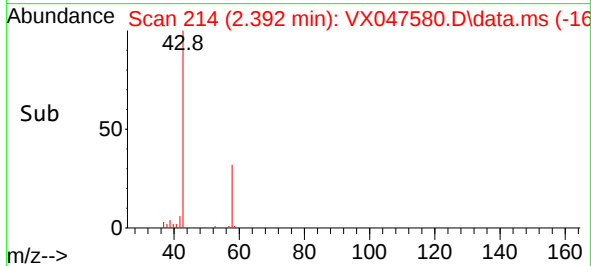
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-C



Tgt Ion: 43 Resp: 3094
Ion Ratio Lower Upper
43 100
58 32.8 24.2 36.2

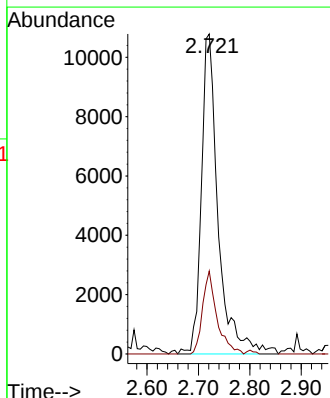
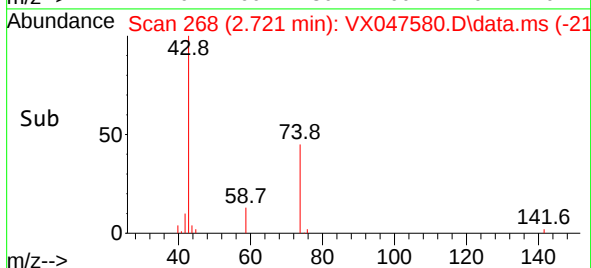
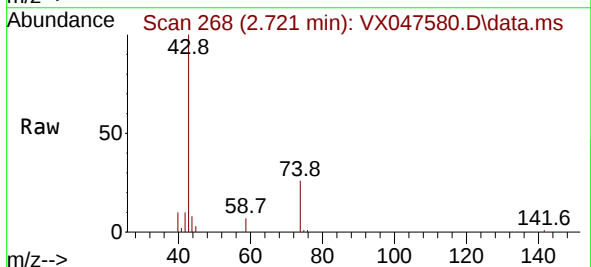
Manual Integrations
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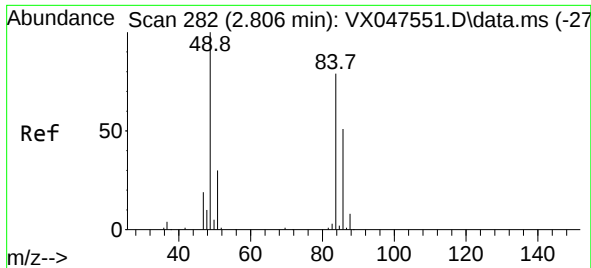
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#18
Methyl Acetate
Concen: 7.505 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX047580.D
Acq: 02 Sep 2025 13:44

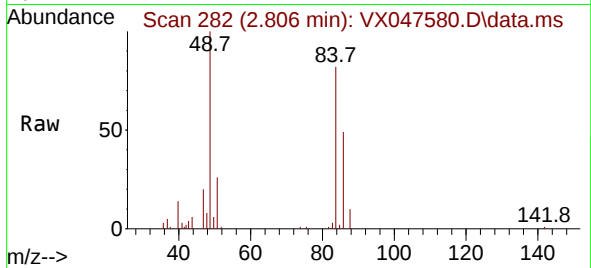
Tgt Ion: 43 Resp: 24457
Ion Ratio Lower Upper
43 100
74 22.1 17.8 26.8





#20
Methylene Chloride
Concen: 3.237 ug/l
RT: 2.806 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047580.D
Acq: 02 Sep 2025 13:44

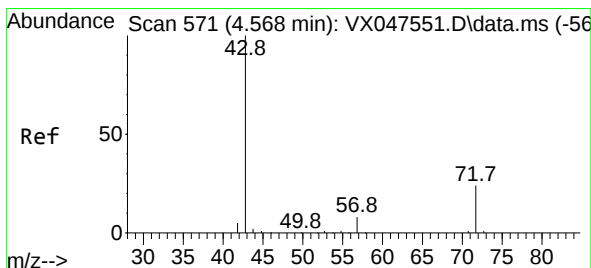
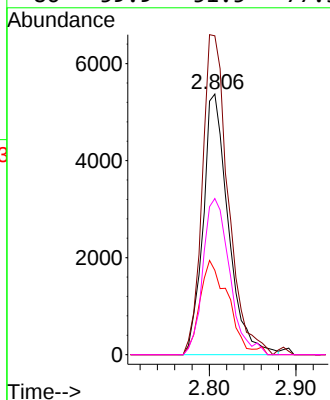
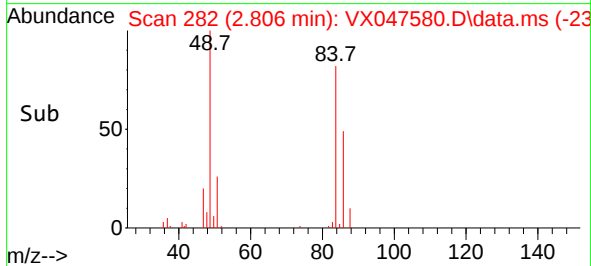
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-C



Tgt Ion: 84 Resp: 10889
Ion Ratio Lower Upper
84 100
49 122.3 101.4 152.2
51 32.3 30.6 46.0
86 59.9 51.5 77.3

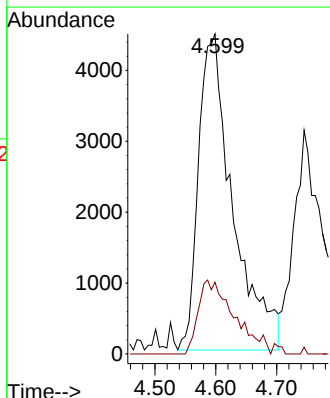
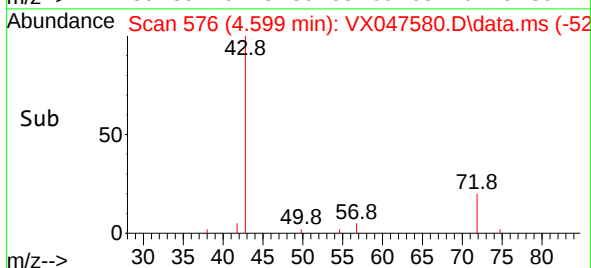
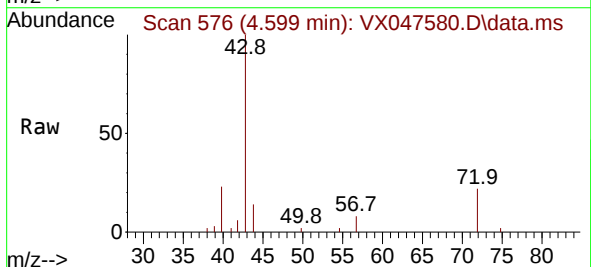
Manual Integrations
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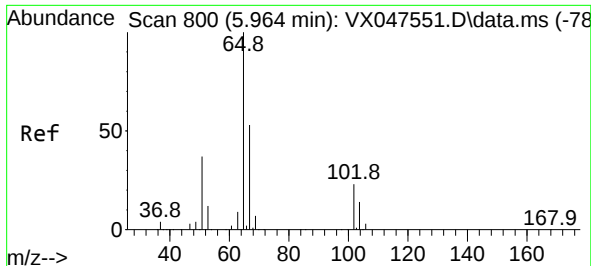
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#25
2-Butanone
Concen: 10.022 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.030 min
Lab File: VX047580.D
Acq: 02 Sep 2025 13:44

Tgt Ion: 43 Resp: 17433
Ion Ratio Lower Upper
43 100
72 25.6 19.5 29.3





#33

1,2-Dichloroethane-d4

Concen: 58.341 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX047580.D

Acq: 02 Sep 2025 13:44

Instrument :

MSVOA_X

ClientSampleId :

CONTAINMENT-C

Tgt Ion: 65 Resp: 194708

Ion Ratio Lower Upper

65 100

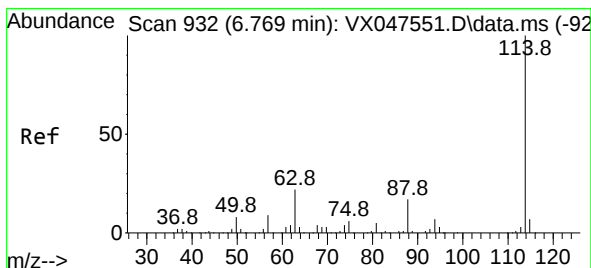
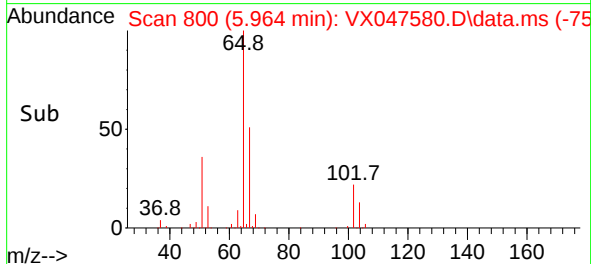
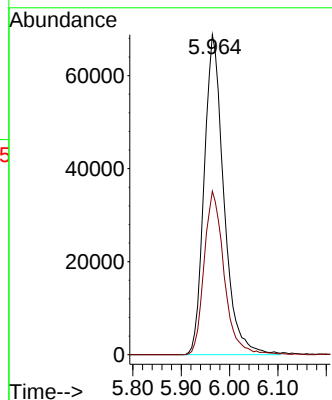
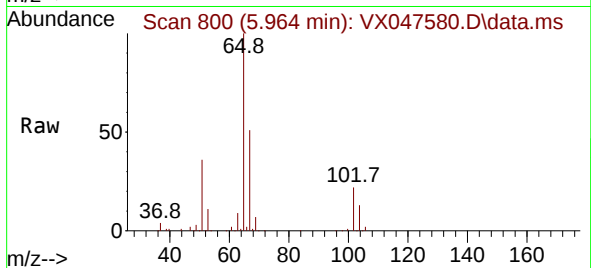
67 51.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Mahesh Dadoda 09/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047580.D

Acq: 02 Sep 2025 13:44

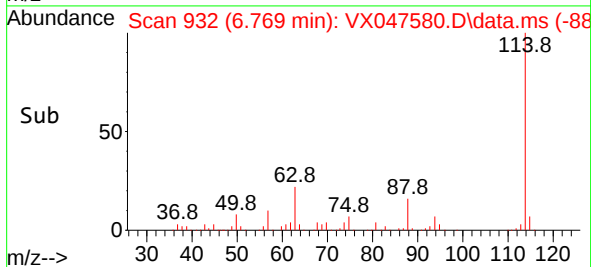
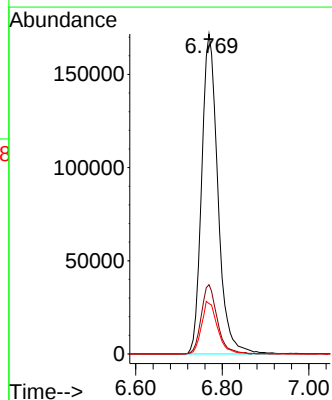
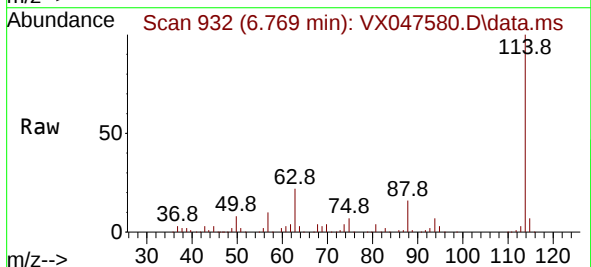
Tgt Ion:114 Resp: 446535

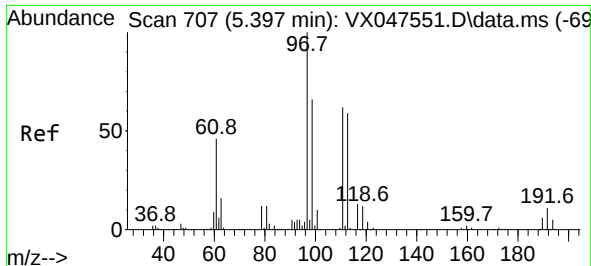
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.6

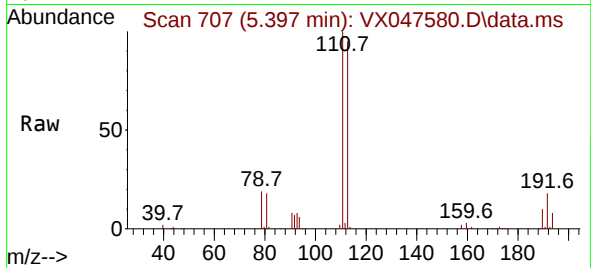
88 15.8 0.0 33.2





#35
Dibromofluoromethane
Concen: 51.857 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047580.D
Acq: 02 Sep 2025 13:44

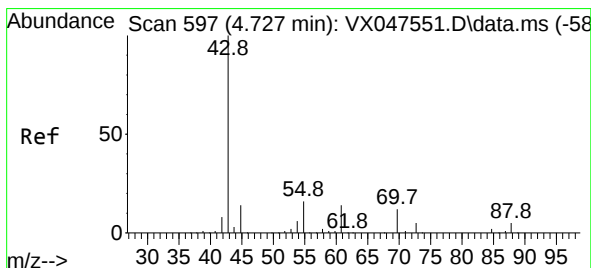
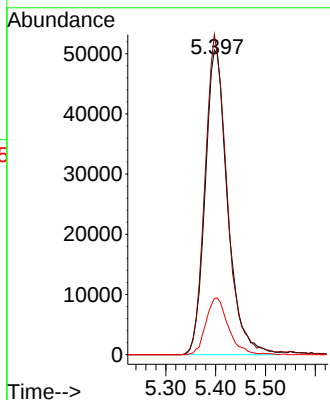
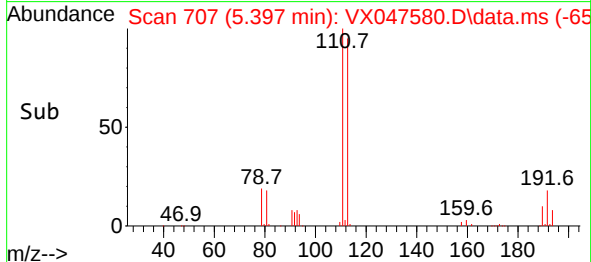
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-C



Tgt Ion: 113 Resp: 158930
Ion Ratio Lower Upper
113 100
111 103.1 81.2 121.8
192 18.4 14.2 21.4

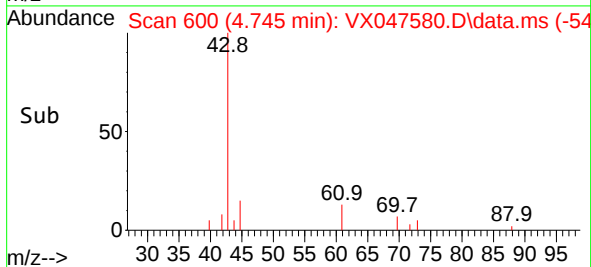
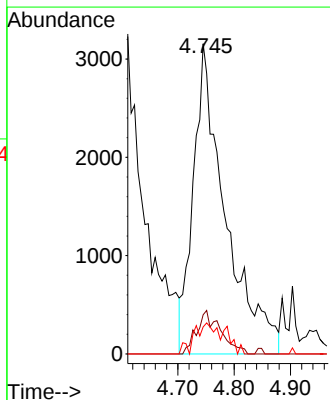
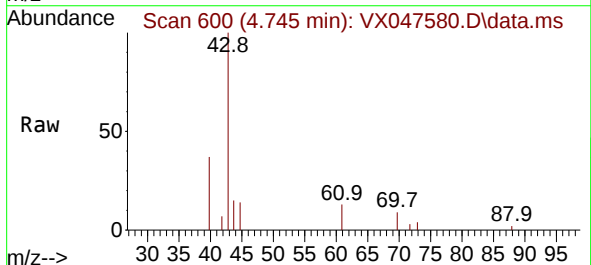
Manual Integrations
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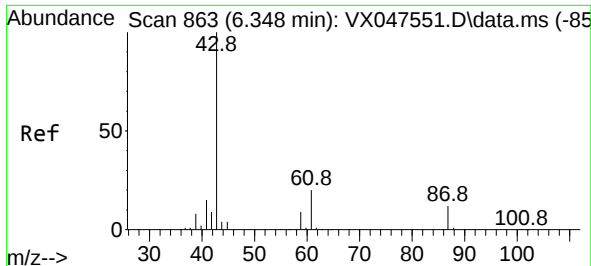
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#37
Ethyl Acetate
Concen: 2.898 ug/l m
RT: 4.745 min Scan# 600
Delta R.T. 0.018 min
Lab File: VX047580.D
Acq: 02 Sep 2025 13:44

Tgt Ion: 43 Resp: 12458
Ion Ratio Lower Upper
43 100
61 10.5 10.2 15.2
70 2.5 8.2 12.4#





#43

Isopropyl Acetate

Concen: 1.275 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.012 min

Lab File: VX047580.D

Acq: 02 Sep 2025 13:44

Instrument :

MSVOA_X

ClientSampleId :

CONTAINMENT-C

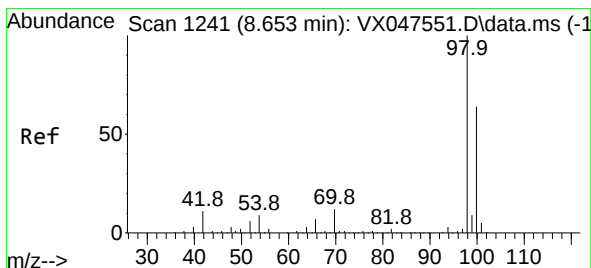
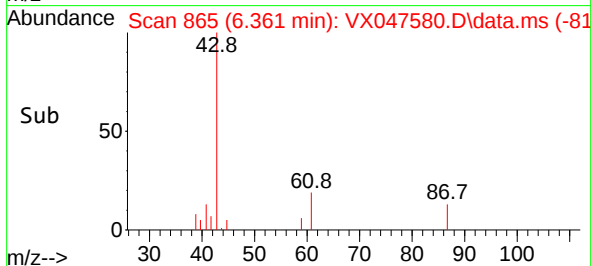
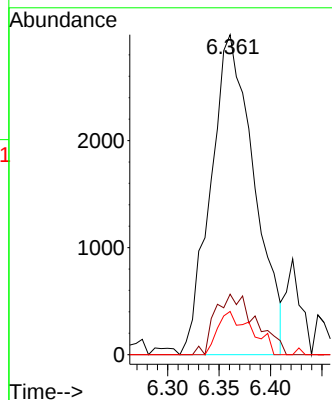
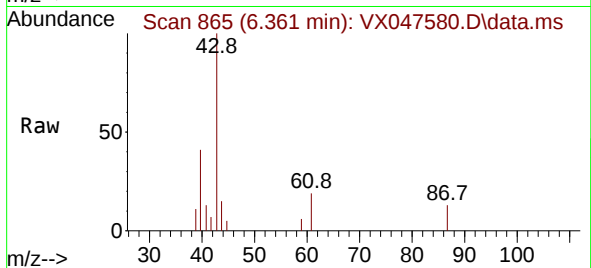
Tgt Ion: 43	Resp: 880
Ion Ratio	Lower Upper
43 100	
61 17.9	15.4 23.2
87 10.3	9.9 14.9

Manual Integrations

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Reviewed By :John Carlone 09/03/2025

Supervised By :Mahesh Dadoda 09/03/2025



#50

Toluene-d8

Concen: 51.533 ug/l

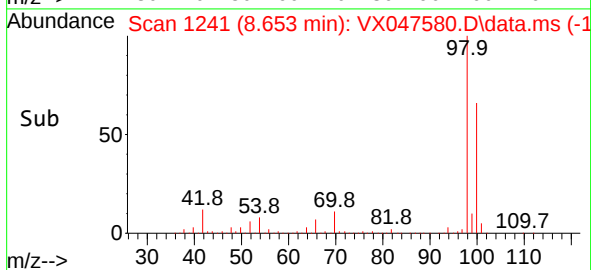
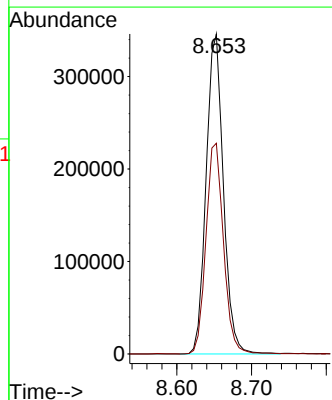
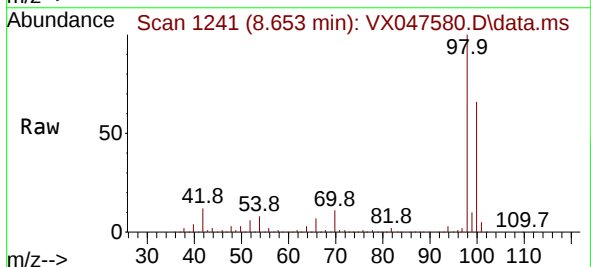
RT: 8.653 min Scan# 1241

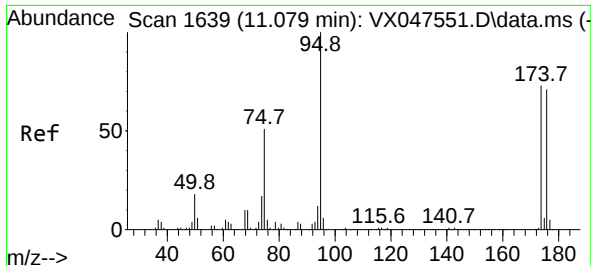
Delta R.T. -0.000 min

Lab File: VX047580.D

Acq: 02 Sep 2025 13:44

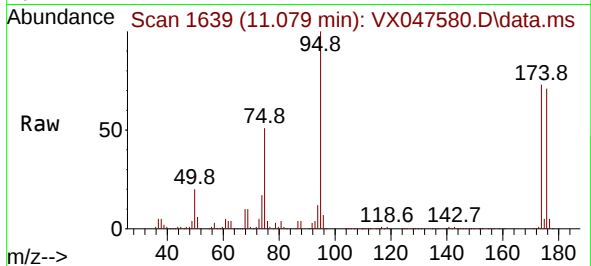
Tgt Ion: 98	Resp: 553590
Ion Ratio	Lower Upper
98 100	
100 67.1	53.5 80.3





#62
4-Bromofluorobenzene
Concen: 58.545 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047580.D
Acq: 02 Sep 2025 13:44

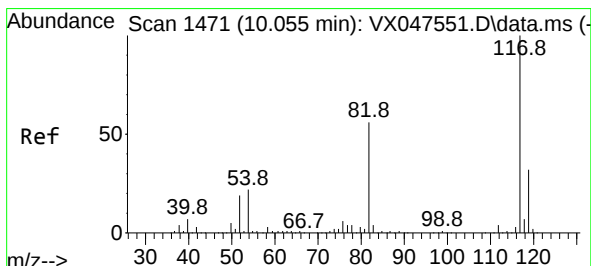
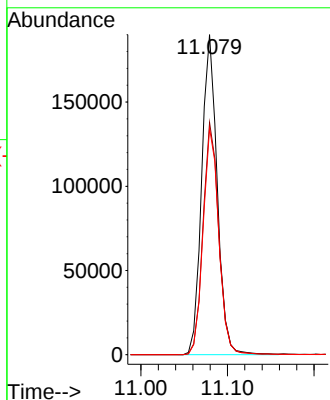
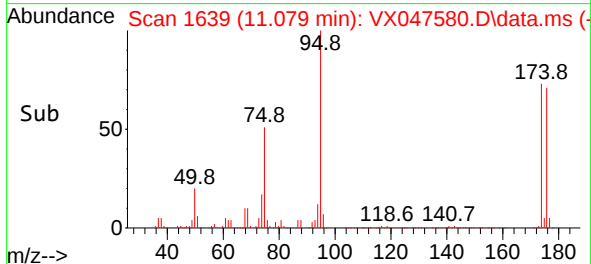
Instrument :
MSVOA_X
ClientSampleId :
CONTAINMENT-C



Tgt Ion: 95 Resp: 23626
Ion Ratio Lower Upper
95 100
174 73.8 0.0 145.2
176 71.8 0.0 140.4

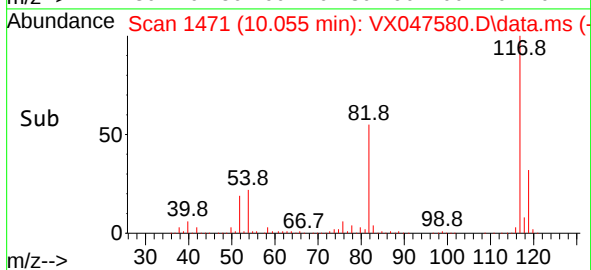
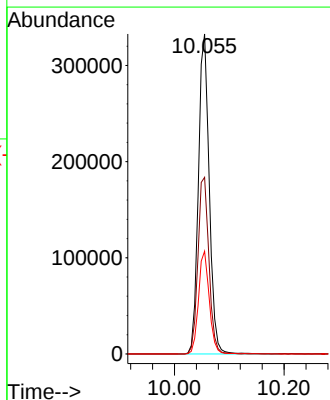
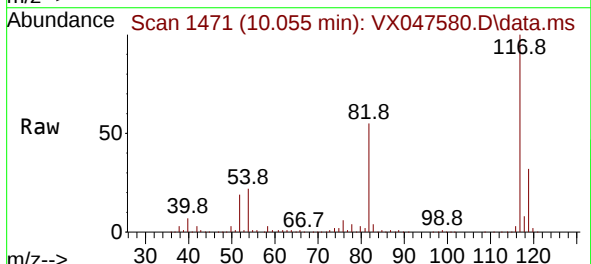
Manual Integrations
APPROVED

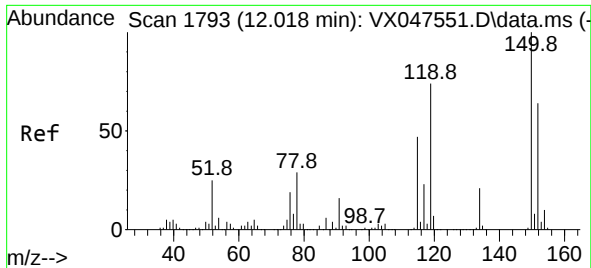
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047580.D
Acq: 02 Sep 2025 13:44

Tgt Ion:117 Resp: 457770
Ion Ratio Lower Upper
117 100
82 55.2 44.6 66.8
119 32.1 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047580.D

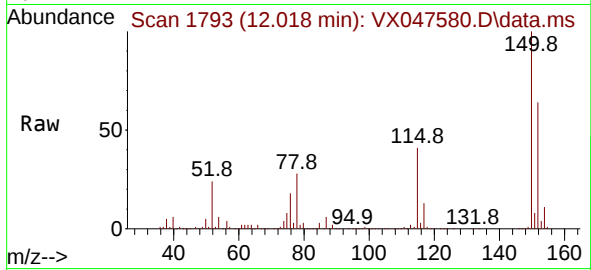
Acq: 02 Sep 2025 13:44

Instrument :

MSVOA_X

ClientSampleId :

CONTAINMENT-C



Tgt Ion:152 Resp: 235679

Ion Ratio Lower Upper

152 100

115 62.7 42.9 128.5

150 159.4 0.0 351.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Mahesh Dadoda 09/03/2025

