

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090225\
 Data File : VX047577.D
 Acq On : 02 Sep 2025 12:42
 Operator : JC/MD
 Sample : Q2995-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RT5427

Manual Integrations
 APPROVED

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

Quant Time: Sep 03 02:15:17 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	208032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	425388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	429337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	221415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	177256	55.485	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.980%			
35) Dibromofluoromethane	5.397	113	148800	50.966	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.940%			
50) Toluene-d8	8.653	98	529166	51.708	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.420%			
62) 4-Bromofluorobenzene	11.079	95	222074	57.763	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.520%			
Target Compounds					Qvalue	
16) Acetone	2.392	43	28308	22.374	ug/l	95
18) Methyl Acetate	2.721	43	22876	7.334	ug/l	97
20) Methylene Chloride	2.806	84	10895	3.384	ug/l #	90
25) 2-Butanone	4.593	43	14336	8.610	ug/l #	89
37) Ethyl Acetate	4.751	43	13996m	3.418	ug/l	
43) Isopropyl Acetate	6.361	43	9120	1.386	ug/l #	75

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

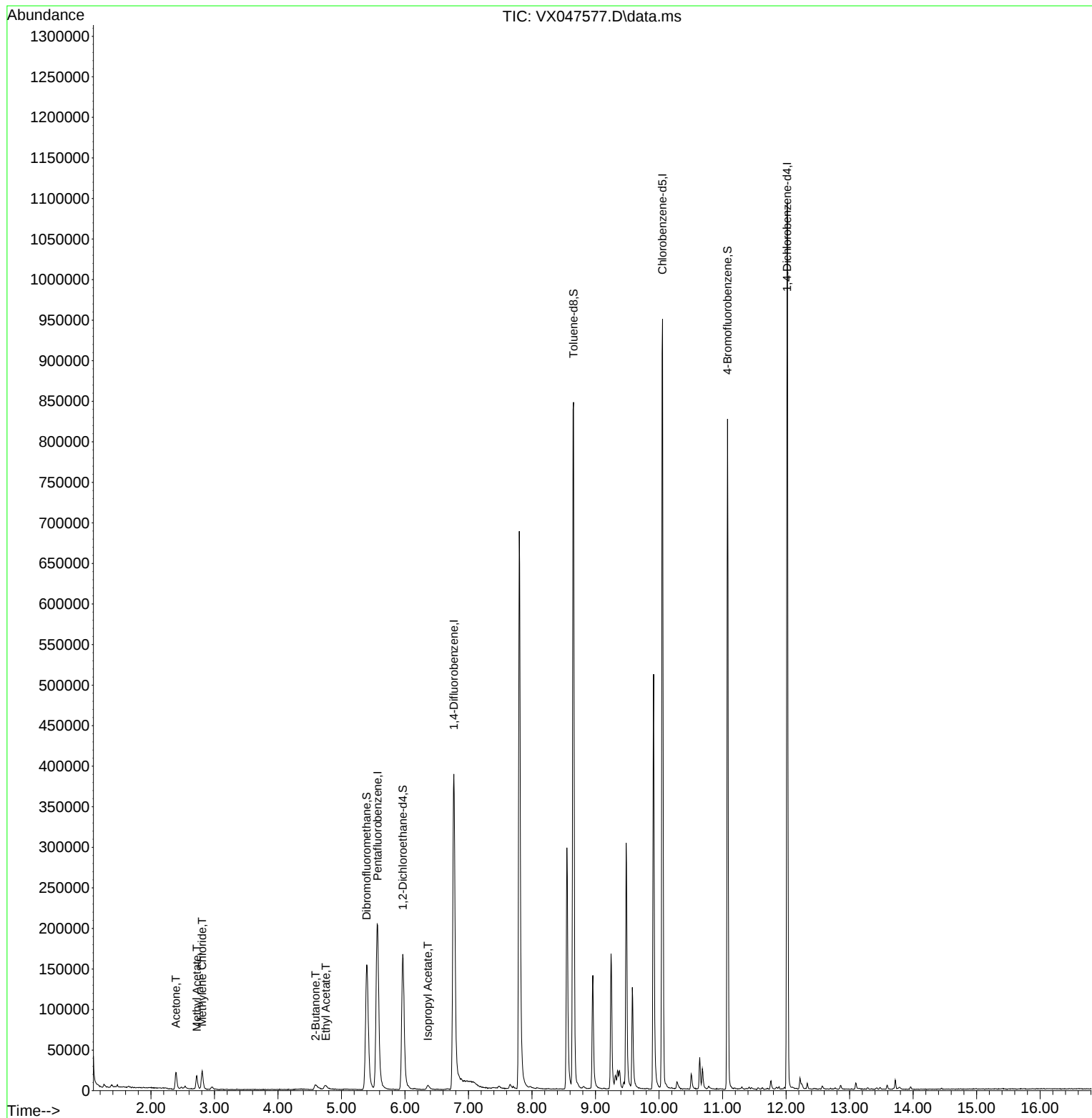
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090225\
Data File : VX047577.D
Acq On : 02 Sep 2025 12:42
Operator : JC/MD
Sample : Q2995-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

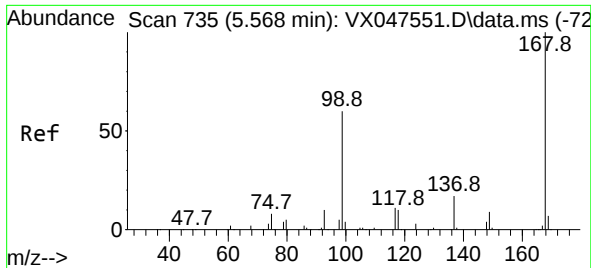
Instrument :
MSVOA_X
ClientSampleId :
RT5427

Quant Time: Sep 03 02:15:17 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

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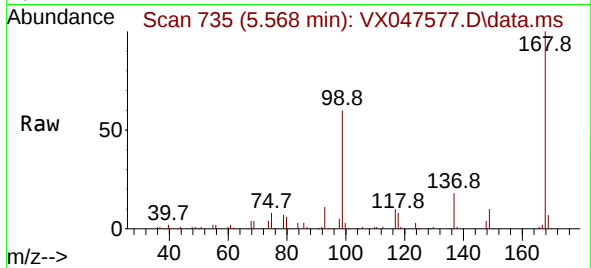
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047577.D
Acq: 02 Sep 2025 12:42

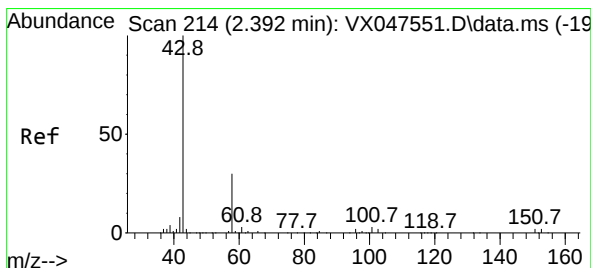
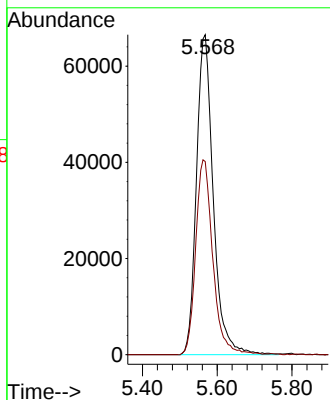
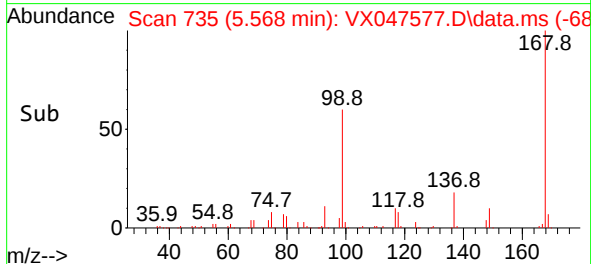
Instrument :
MSVOA_X
ClientSampleId :
RT5427



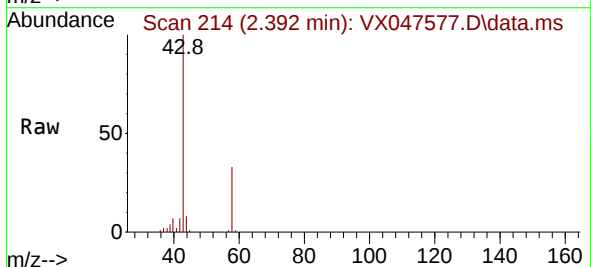
Tgt Ion:168 Resp: 20803
Ion Ratio Lower Upper
168 100
99 60.4 48.9 73.3

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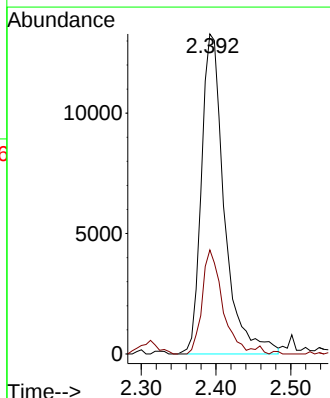
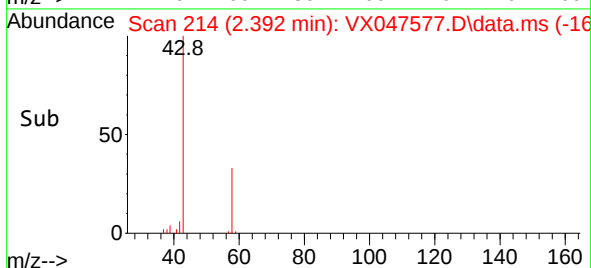
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025

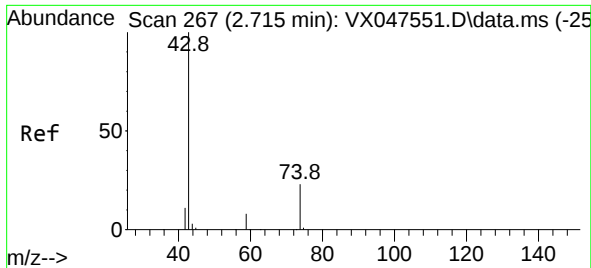


#16
Acetone
Concen: 22.374 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047577.D
Acq: 02 Sep 2025 12:42



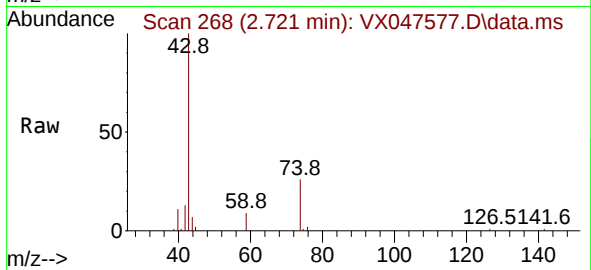
Tgt Ion: 43 Resp: 28308
Ion Ratio Lower Upper
43 100
58 33.1 24.2 36.2





#18
Methyl Acetate
Concen: 7.334 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX047577.D
Acq: 02 Sep 2025 12:42

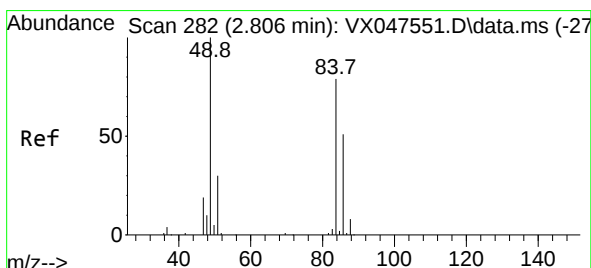
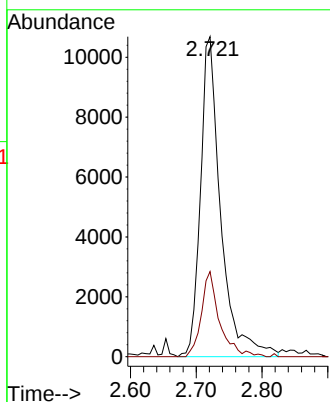
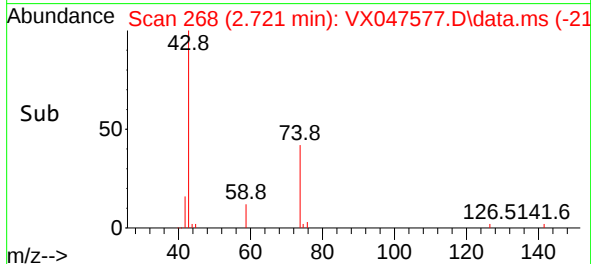
Instrument :
MSVOA_X
ClientSampleId :
RT5427



Tgt Ion: 43 Resp: 22870
Ion Ratio Lower Upper
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74 23.8 17.8 26.8

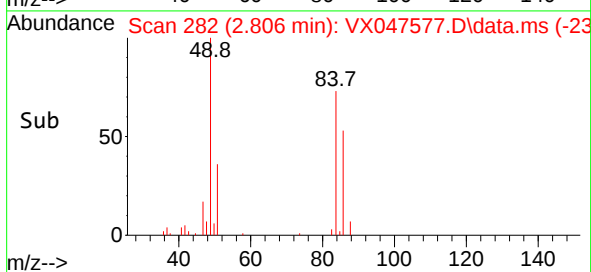
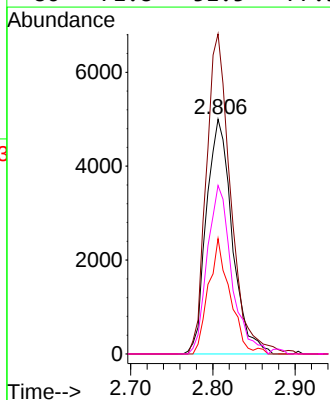
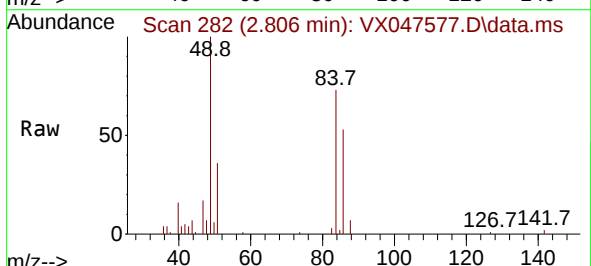
Manual Integrations
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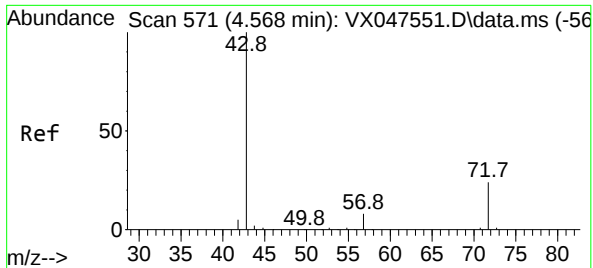
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#20
Methylene Chloride
Concen: 3.384 ug/l
RT: 2.806 min Scan# 282
Delta R.T. -0.000 min
Lab File: VX047577.D
Acq: 02 Sep 2025 12:42

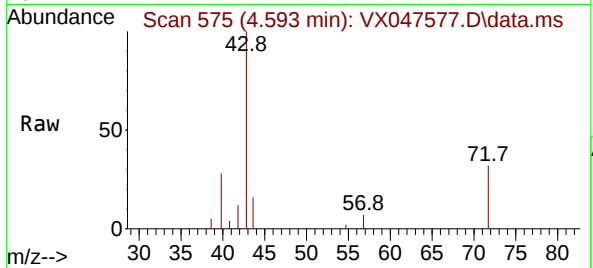
Tgt Ion: 84 Resp: 10895
Ion Ratio Lower Upper
84 100
49 136.4 101.4 152.2
51 49.2 30.6 46.0#
86 71.8 51.5 77.3





#25
2-Butanone
Concen: 8.610 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX047577.D
Acq: 02 Sep 2025 12:42

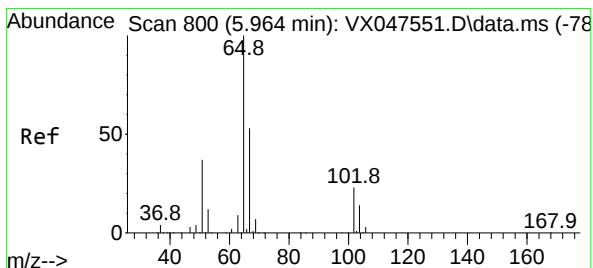
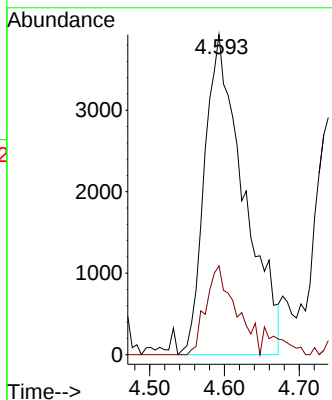
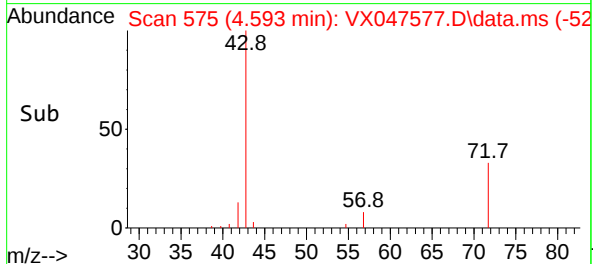
Instrument :
MSVOA_X
ClientSampleId :
RT5427



Tgt Ion: 43 Resp: 14330
Ion Ratio Lower Upper
43 100
72 29.9 19.5 29.3

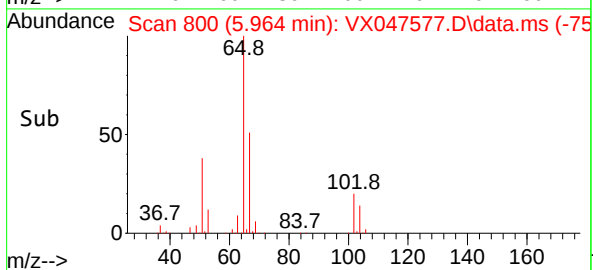
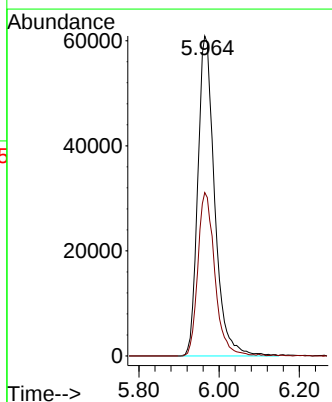
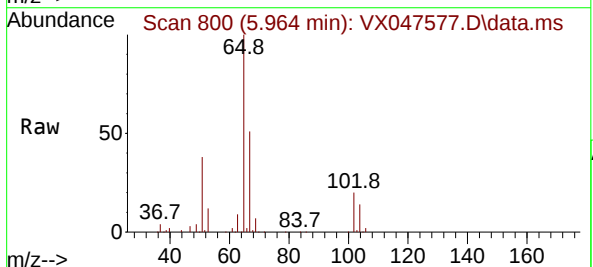
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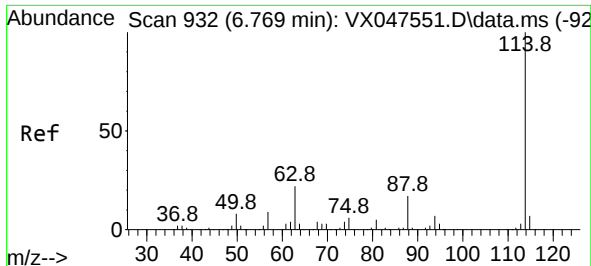
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#33
1,2-Dichloroethane-d4
Concen: 55.485 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX047577.D
Acq: 02 Sep 2025 12:42

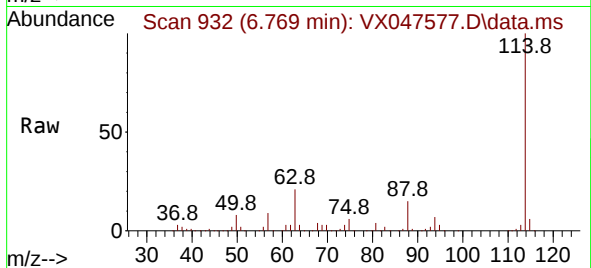
Tgt Ion: 65 Resp: 177256
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX047577.D
Acq: 02 Sep 2025 12:42

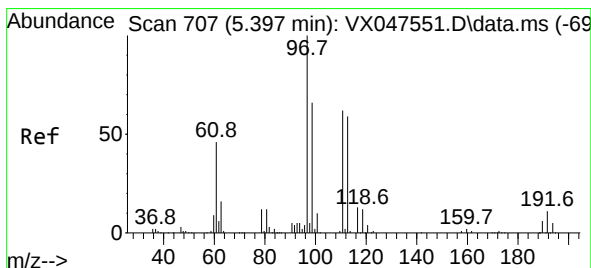
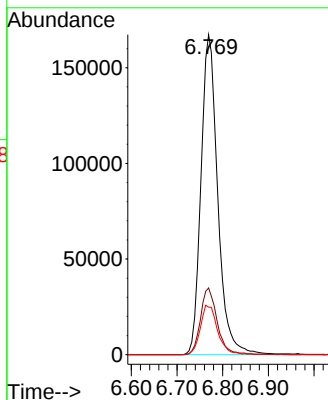
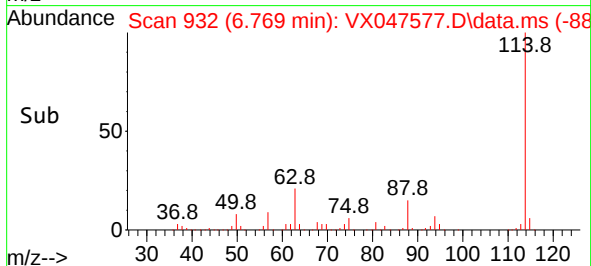
Instrument :
MSVOA_X
ClientSampleId :
RT5427



Tgt Ion:114 Resp: 425388
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.6
88 14.9 0.0 33.2

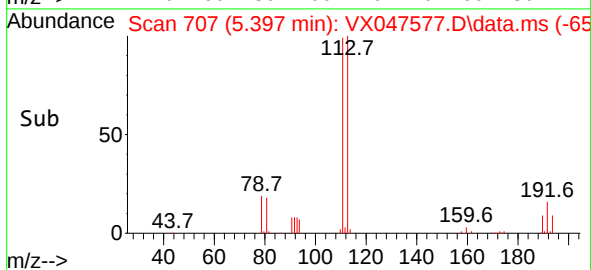
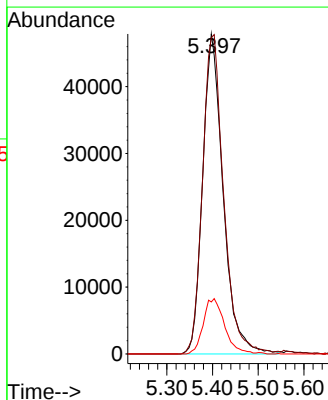
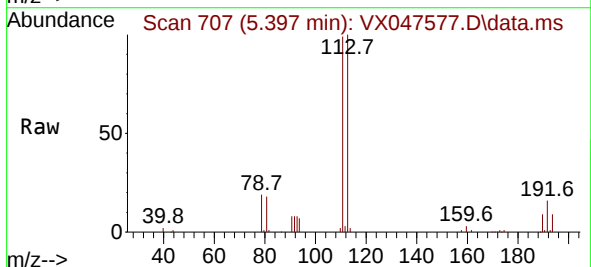
Manual Integrations
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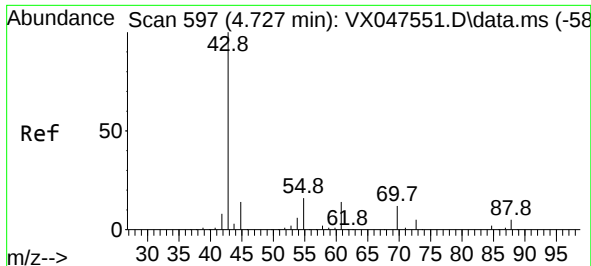
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#35
Dibromofluoromethane
Concen: 50.966 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047577.D
Acq: 02 Sep 2025 12:42

Tgt Ion:113 Resp: 148800
Ion Ratio Lower Upper
113 100
111 102.6 81.2 121.8
192 18.0 14.2 21.4





#37

Ethyl Acetate

Concen: 3.418 ug/l m

RT: 4.751 min Scan# 601

Delta R.T. 0.024 min

Lab File: VX047577.D

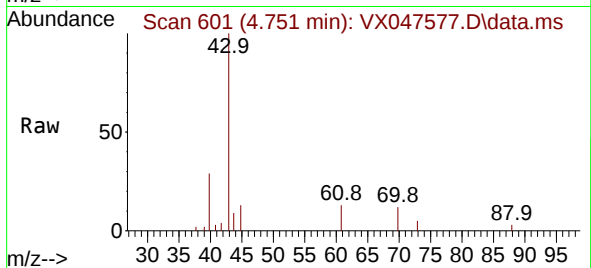
Acq: 02 Sep 2025 12:42

Instrument :

MSVOA_X

ClientSampleId :

RT5427



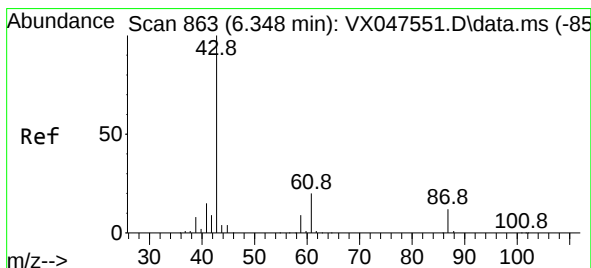
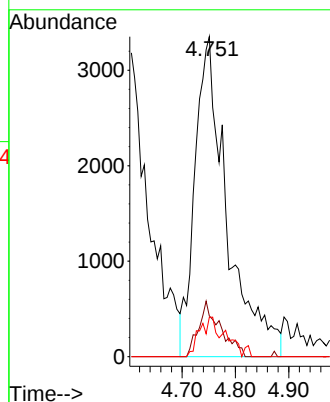
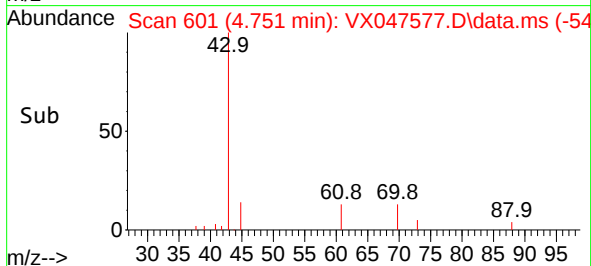
Tgt Ion:	43	Resp:	13990
Ion	Ratio	Lower	Upper
43	100		
61	11.8	10.2	15.2
70	6.6	8.2	12.4

Manual Integrations

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Reviewed By :John Carlone 09/03/2025

Supervised By :Mahesh Dadoda 09/03/2025



#43

Isopropyl Acetate

Concen: 1.386 ug/l

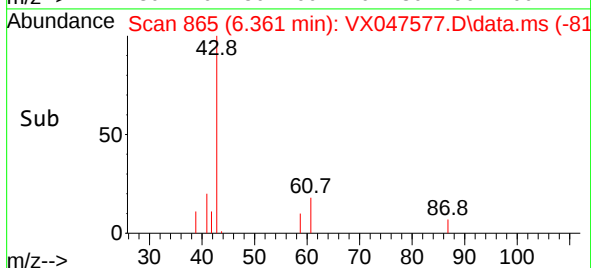
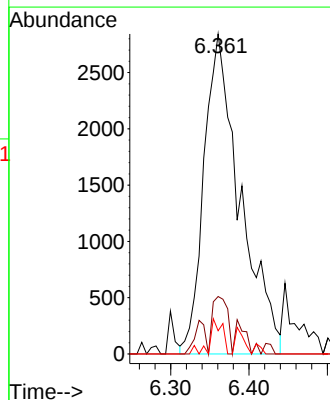
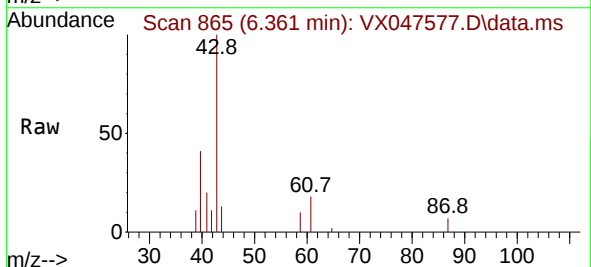
RT: 6.361 min Scan# 865

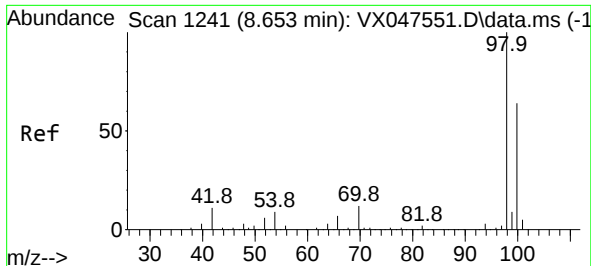
Delta R.T. 0.012 min

Lab File: VX047577.D

Acq: 02 Sep 2025 12:42

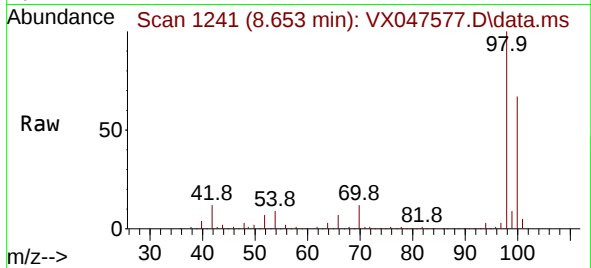
Tgt Ion:	43	Resp:	9120
Ion	Ratio	Lower	Upper
43	100		
61	7.5	15.4	23.2#
87	3.5	9.9	14.9#





#50
Toluene-d8
Concen: 51.708 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX047577.D
Acq: 02 Sep 2025 12:42

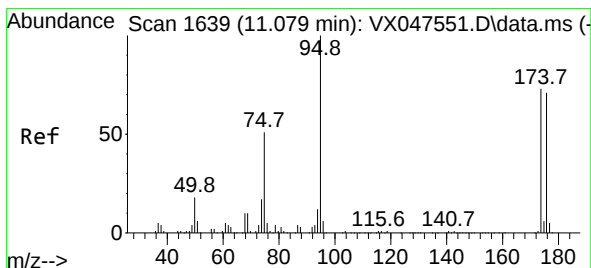
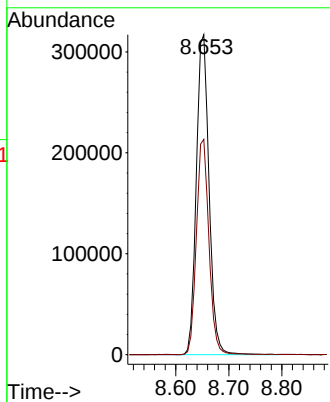
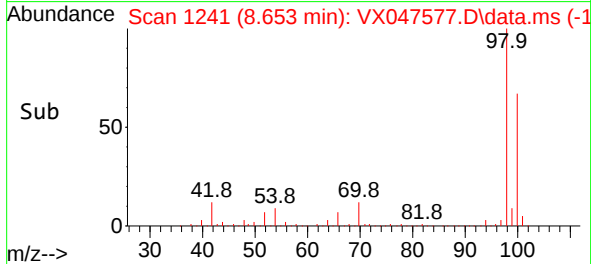
Instrument :
MSVOA_X
ClientSampleId :
RT5427



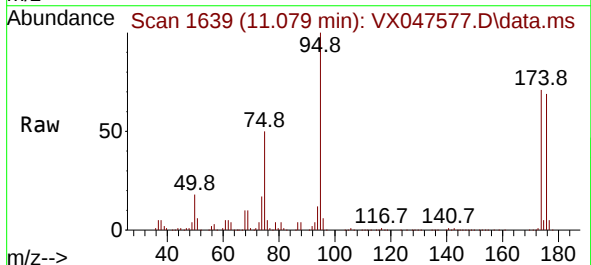
Tgt Ion: 98 Resp: 529160
Ion Ratio Lower Upper
98 100
100 66.3 53.5 80.3

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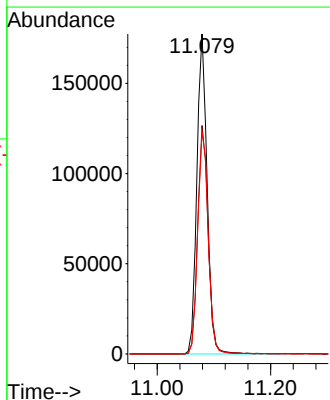
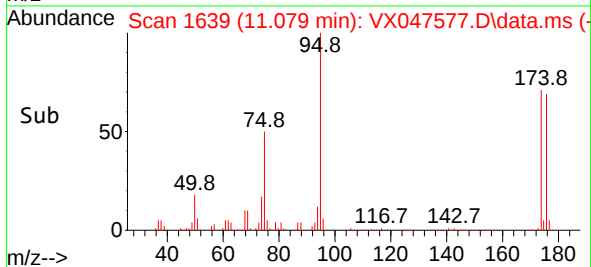
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025

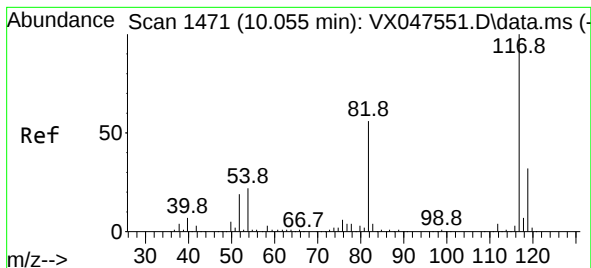


#62
4-Bromofluorobenzene
Concen: 57.763 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047577.D
Acq: 02 Sep 2025 12:42



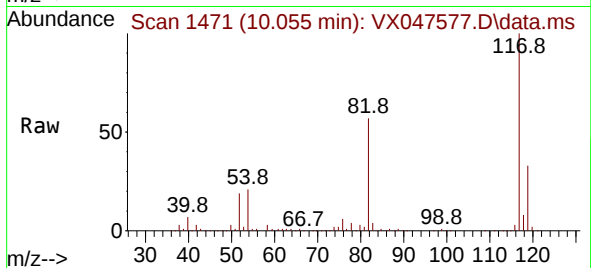
Tgt Ion: 95 Resp: 222074
Ion Ratio Lower Upper
95 100
174 72.7 0.0 145.2
176 71.6 0.0 140.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047577.D
Acq: 02 Sep 2025 12:42

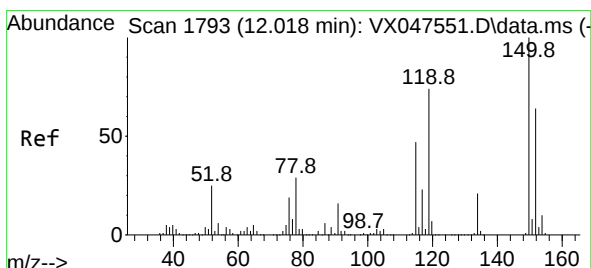
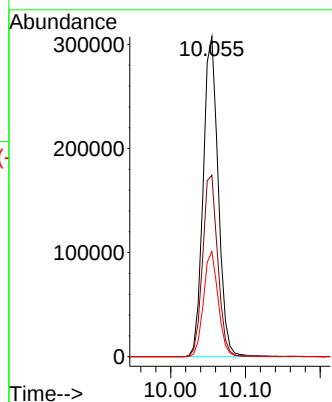
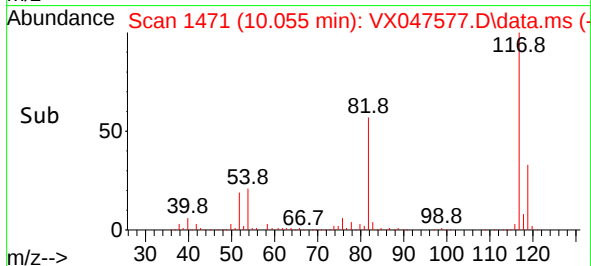
Instrument :
MSVOA_X
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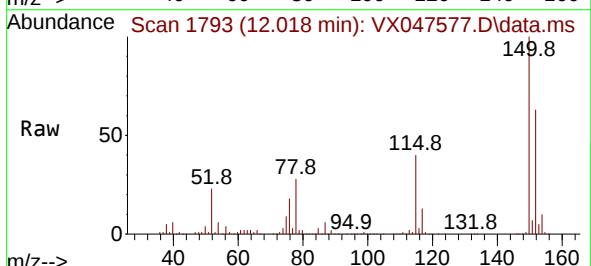
Tgt Ion:117 Resp: 42933
Ion Ratio Lower Upper
117 100
82 56.7 44.6 66.8
119 32.9 25.7 38.5

Manual Integrations
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Supervised By :Mahesh Dadoda 09/03/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047577.D
Acq: 02 Sep 2025 12:42



Tgt Ion:152 Resp: 221415
Ion Ratio Lower Upper
152 100
115 62.0 42.9 128.5
150 157.2 0.0 351.0

