

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090225\
 Data File : VX047576.D
 Acq On : 02 Sep 2025 12:21
 Operator : JC/MD
 Sample : PB169478TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB169478TB

Manual Integrations
 APPROVED

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

Quant Time: Sep 03 02:14:44 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	5.562	168	182343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	365882	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	177202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	150592	53.780	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.560%			
35) Dibromofluoromethane	5.397	113	128306	51.094	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.180%			
50) Toluene-d8	8.647	98	452563	51.415	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.840%			
62) 4-Bromofluorobenzene	11.079	95	184149	55.689	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.380%			
Target Compounds					Qvalue	
16) Acetone	2.392	43	53171	47.946	ug/l	100
18) Methyl Acetate	2.715	43	23634	8.644	ug/l	94
20) Methylene Chloride	2.806	84	26499	9.390	ug/l	97
25) 2-Butanone	4.599	43	8894m	6.094	ug/l	
37) Ethyl Acetate	4.739	43	13485	3.828	ug/l #	90
43) Isopropyl Acetate	6.355	43	10178	1.798	ug/l #	88

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

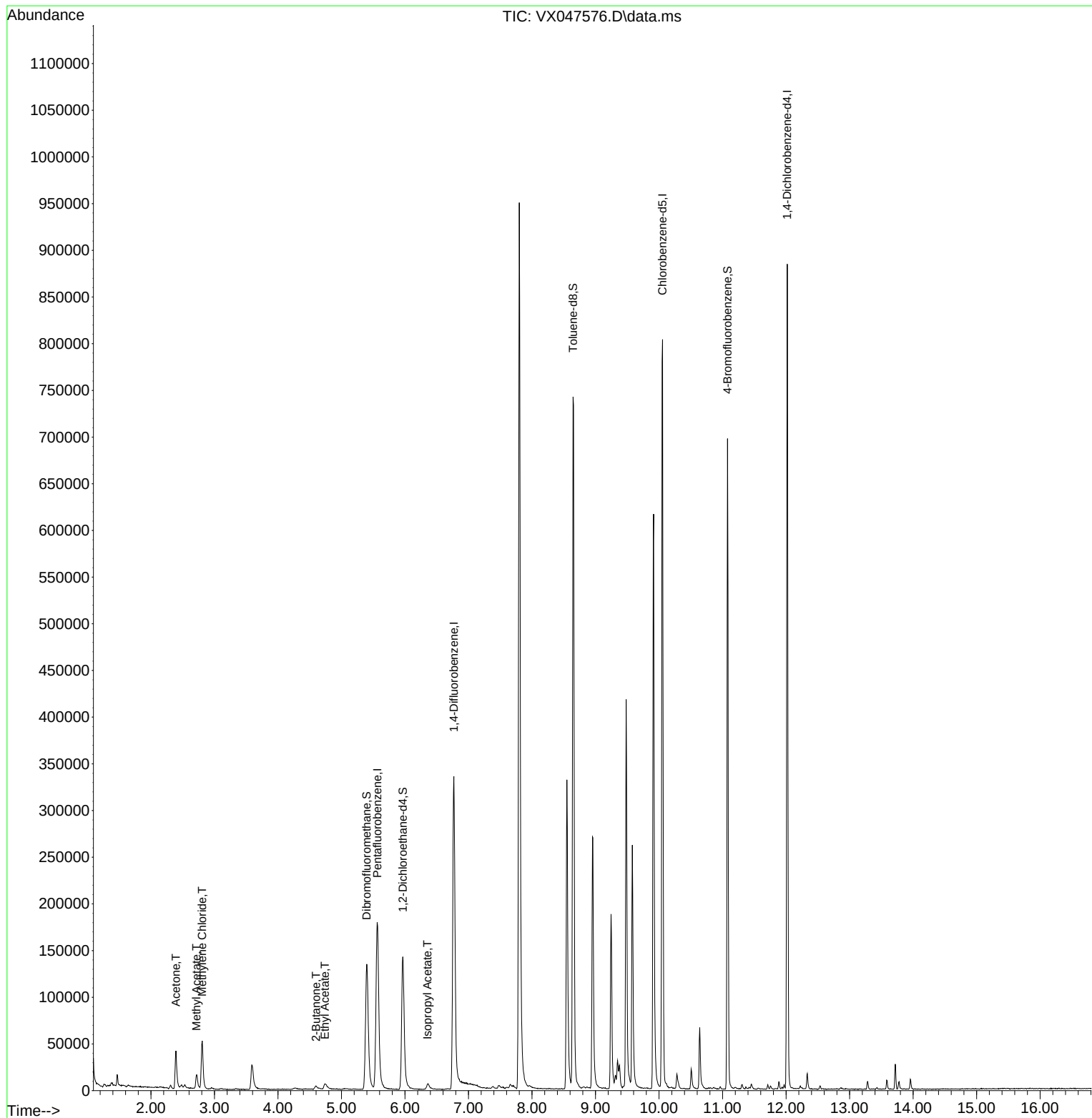
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090225\
Data File : VX047576.D
Acq On : 02 Sep 2025 12:21
Operator : JC/MD
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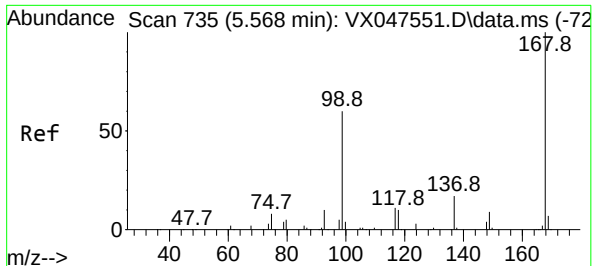
Instrument :
MSVOA_X
ClientSampleId :
PB169478TB

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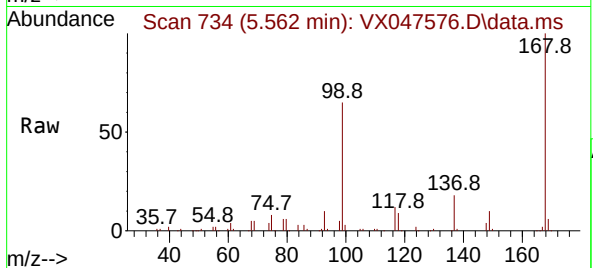
Quant Time: Sep 03 02:14:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.006 min
Lab File: VX047576.D
Acq: 02 Sep 2025 12:21

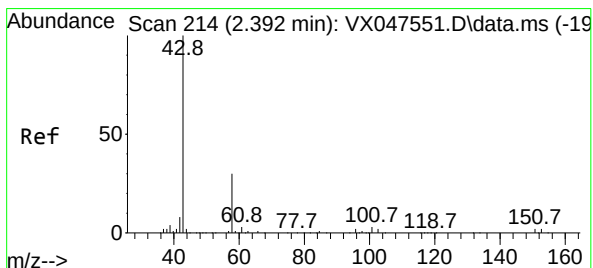
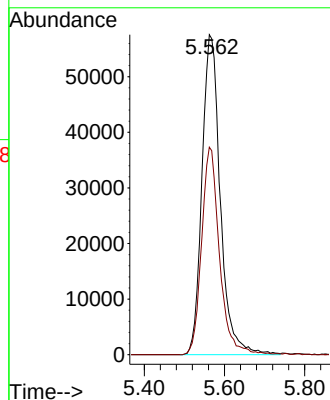
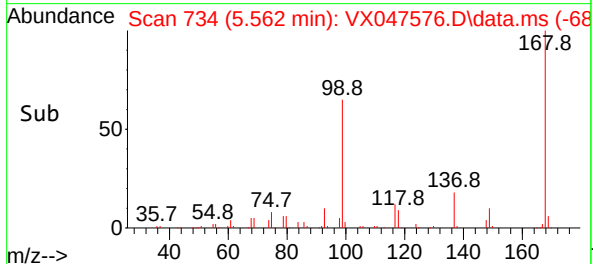
Instrument :
MSVOA_X
ClientSampleId :
PB169478TB



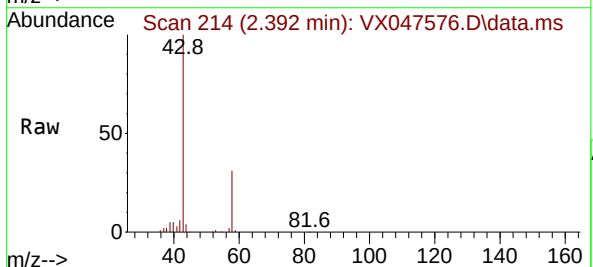
Tgt Ion:168 Resp: 18234
Ion Ratio Lower Upper
168 100
99 64.8 48.9 73.3

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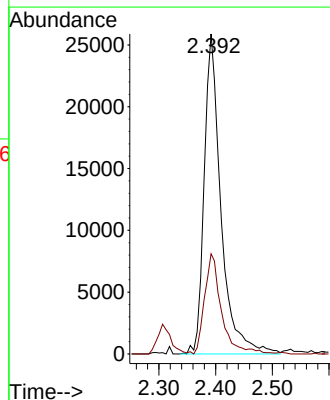
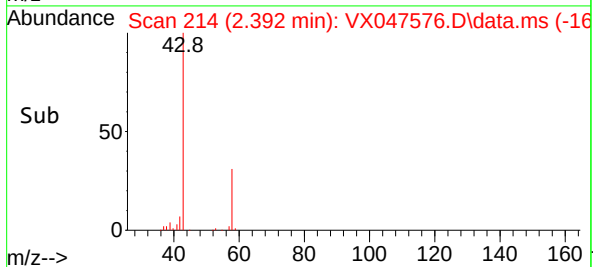
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025

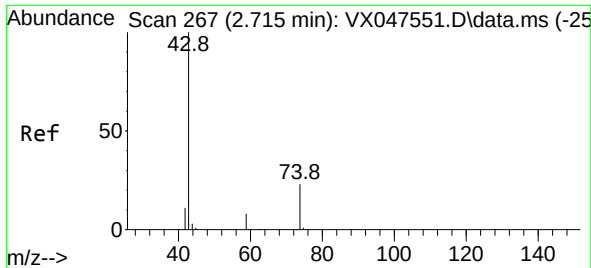


#16
Acetone
Concen: 47.946 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047576.D
Acq: 02 Sep 2025 12:21



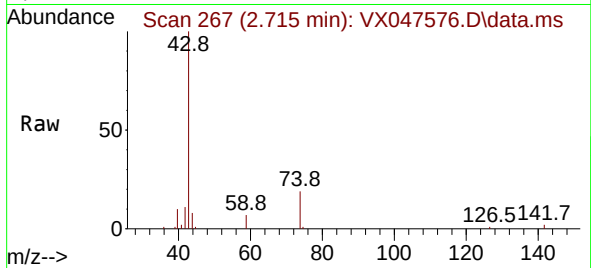
Tgt Ion: 43 Resp: 53171
Ion Ratio Lower Upper
43 100
58 30.1 24.2 36.2





#18
Methyl Acetate
Concen: 8.644 ug/l
RT: 2.715 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX047576.D
Acq: 02 Sep 2025 12:21

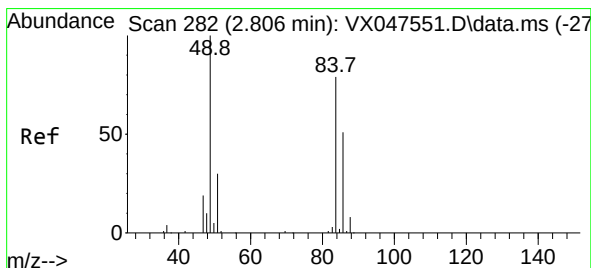
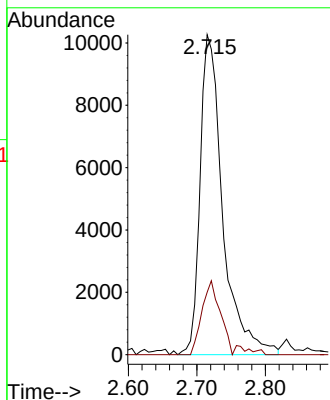
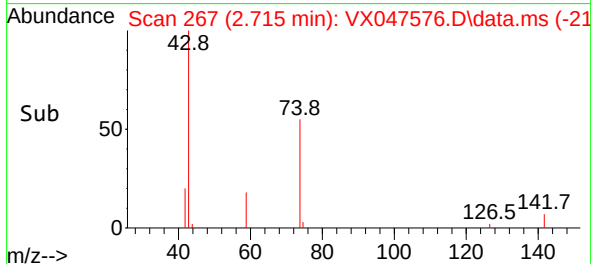
Instrument :
MSVOA_X
ClientSampleId :
PB169478TB



Tgt Ion: 43 Resp: 23634
Ion Ratio Lower Upper
43 100
74 19.6 17.8 26.8

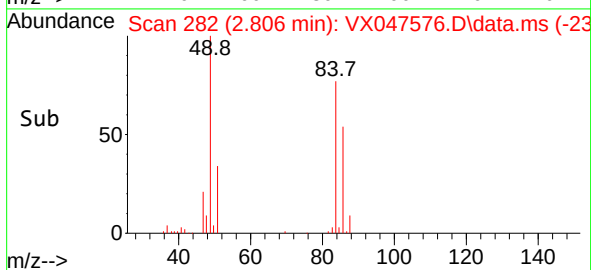
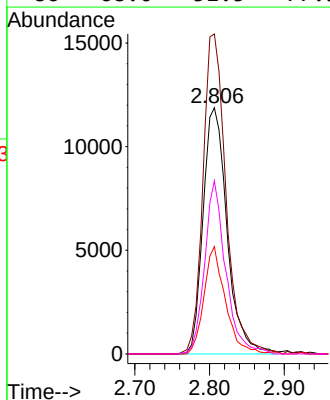
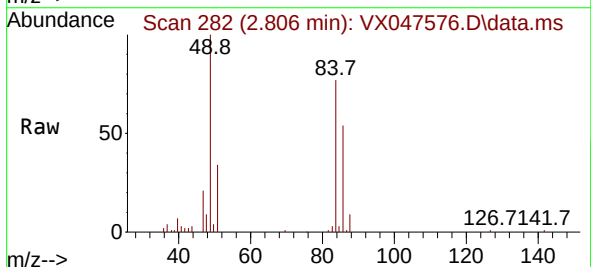
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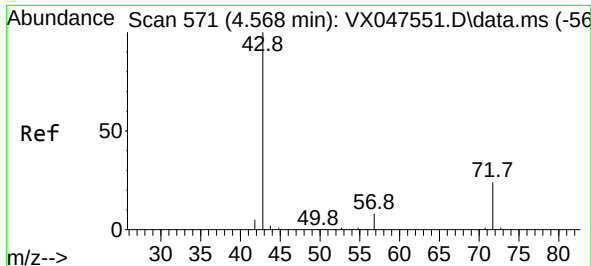
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#20
Methylene Chloride
Concen: 9.390 ug/l
RT: 2.806 min Scan# 282
Delta R.T. -0.000 min
Lab File: VX047576.D
Acq: 02 Sep 2025 12:21

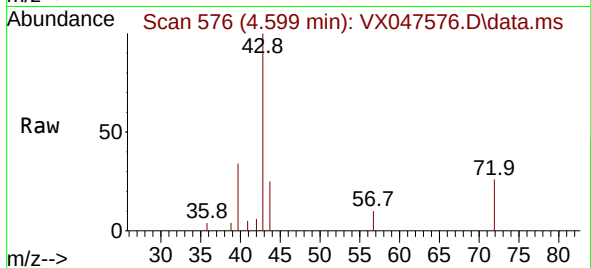
Tgt Ion: 84 Resp: 26499
Ion Ratio Lower Upper
84 100
49 125.7 101.4 152.2
51 42.2 30.6 46.0
86 68.0 51.5 77.3





#25
2-Butanone
Concen: 6.094 ug/l m
RT: 4.599 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX047576.D
Acq: 02 Sep 2025 12:21

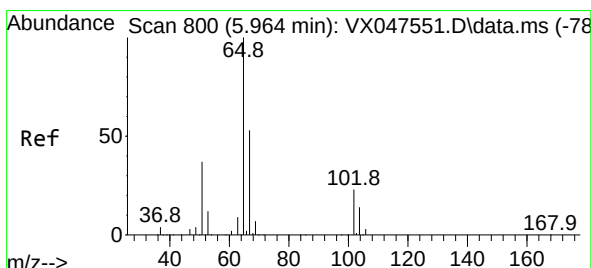
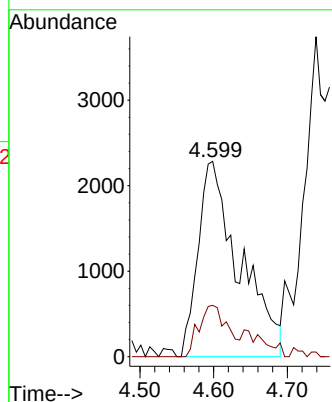
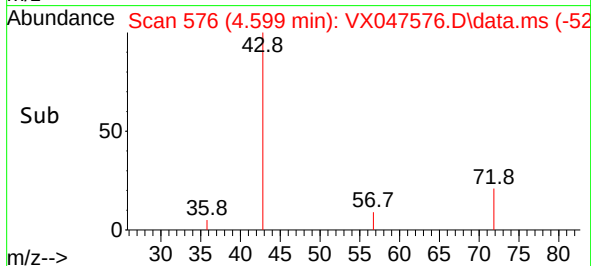
Instrument :
MSVOA_X
ClientSampleId :
PB169478TB



Tgt Ion: 43 Resp: 8894
Ion Ratio Lower Upper
43 100
72 26.3 19.5 29.3

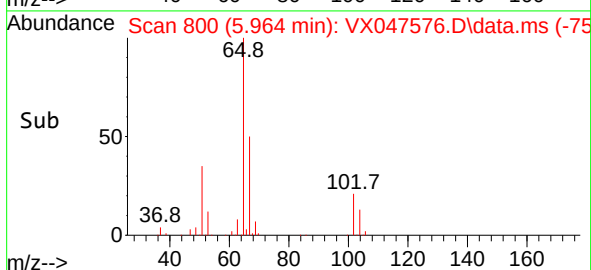
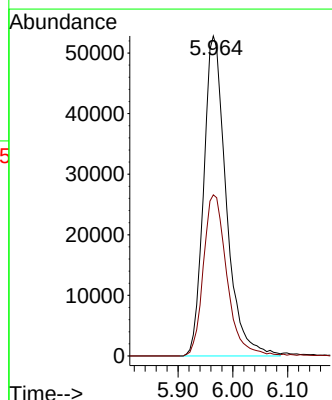
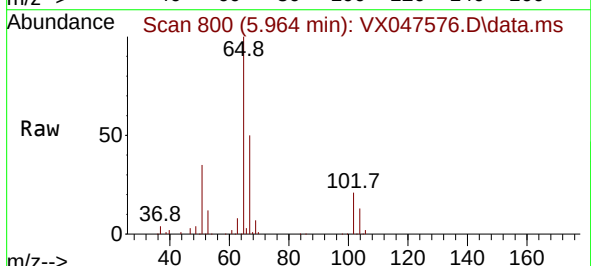
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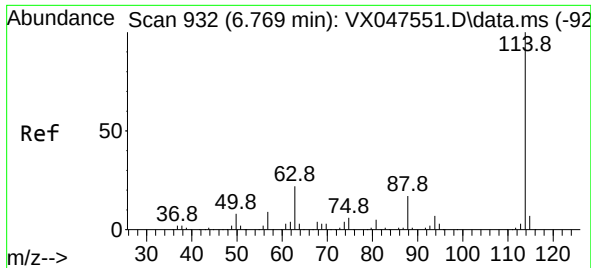
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#33
1,2-Dichloroethane-d4
Concen: 53.780 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX047576.D
Acq: 02 Sep 2025 12:21

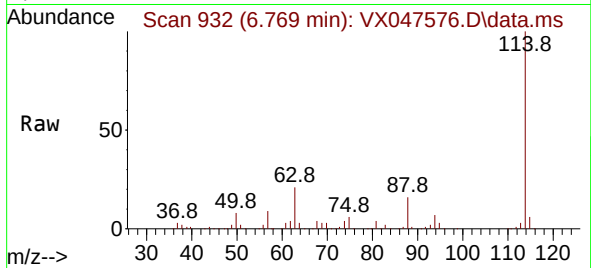
Tgt Ion: 65 Resp: 150592
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047576.D
Acq: 02 Sep 2025 12:21

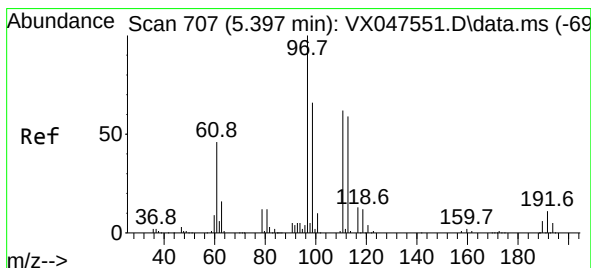
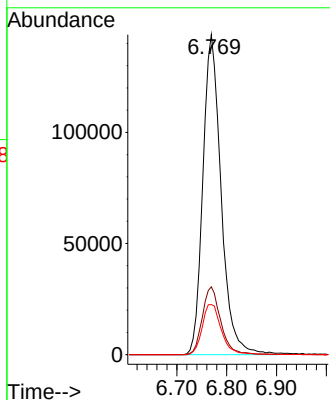
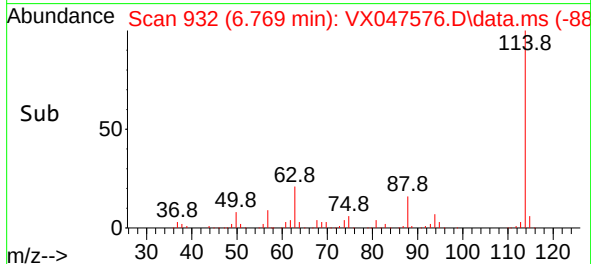
Instrument :
MSVOA_X
ClientSampleId :
PB169478TB



Tgt Ion:114 Resp: 36588
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.6
88 15.6 0.0 33.2

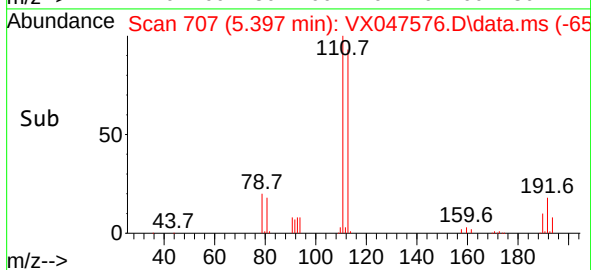
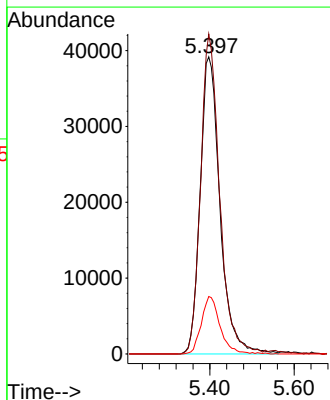
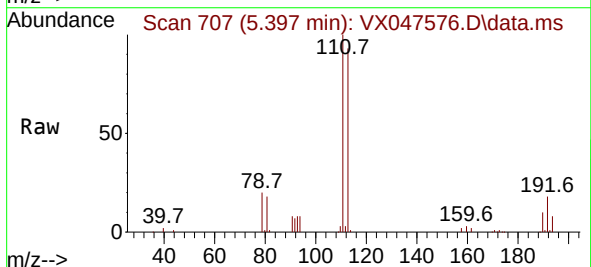
Manual Integrations
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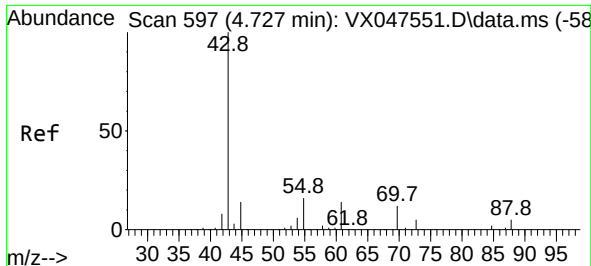
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#35
Dibromofluoromethane
Concen: 51.094 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047576.D
Acq: 02 Sep 2025 12:21

Tgt Ion:113 Resp: 128306
Ion Ratio Lower Upper
113 100
111 103.0 81.2 121.8
192 18.2 14.2 21.4





#37

Ethyl Acetate

Concen: 3.828 ug/l

RT: 4.739 min Scan# 598

Delta R.T. 0.012 min

Lab File: VX047576.D

Acq: 02 Sep 2025 12:21

Instrument :

MSVOA_X

ClientSampleId :

PB169478TB

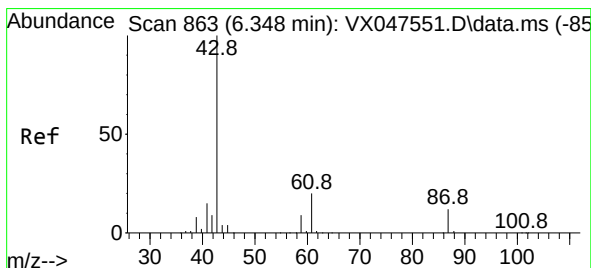
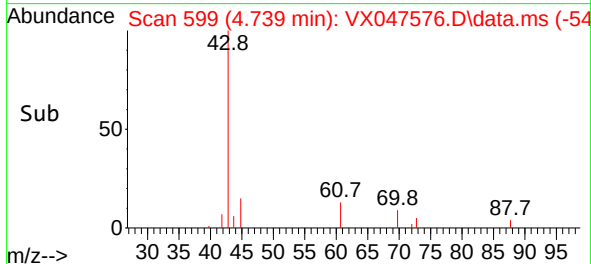
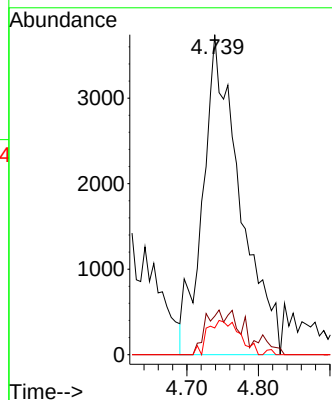
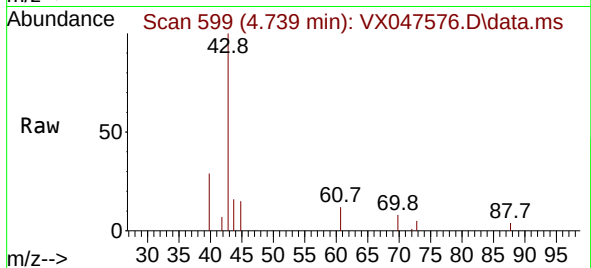
Tgt Ion: 43	Resp: 1348
Ion Ratio	Lower Upper
43 100	
61 6.8	10.2 15.2
70 9.2	8.2 12.4

Manual Integrations

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Supervised By :Mahesh Dadoda 09/03/2025



#43

Isopropyl Acetate

Concen: 1.798 ug/l

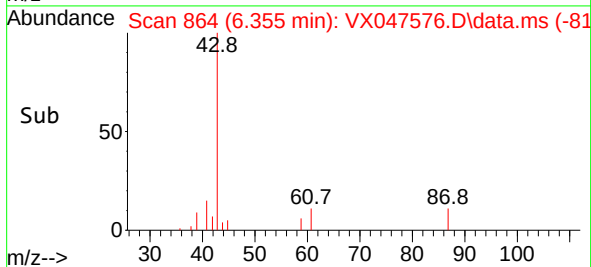
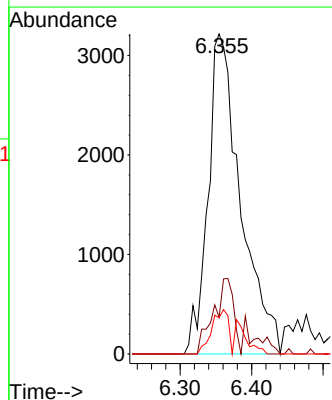
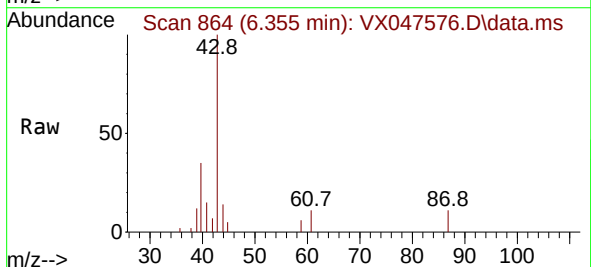
RT: 6.355 min Scan# 864

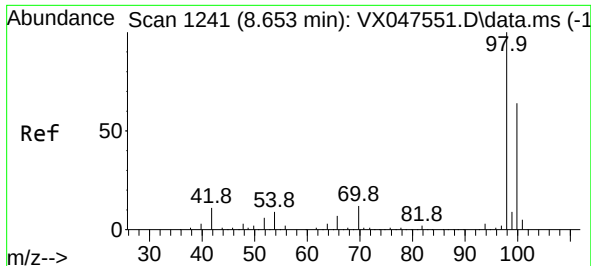
Delta R.T. 0.006 min

Lab File: VX047576.D

Acq: 02 Sep 2025 12:21

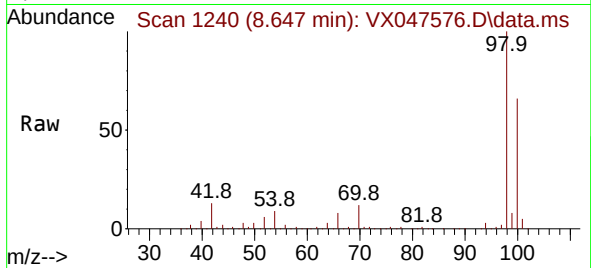
Tgt Ion: 43	Resp: 10178
Ion Ratio	Lower Upper
43 100	
61 14.5	15.4 23.2#
87 7.0	9.9 14.9#





#50
Toluene-d8
Concen: 51.415 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047576.D
Acq: 02 Sep 2025 12:21

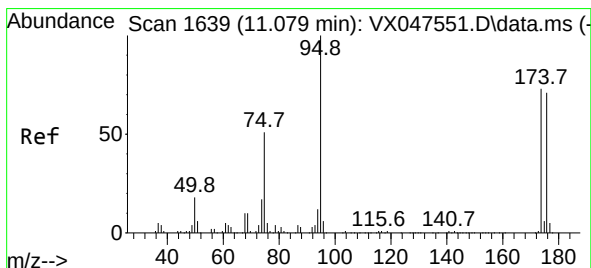
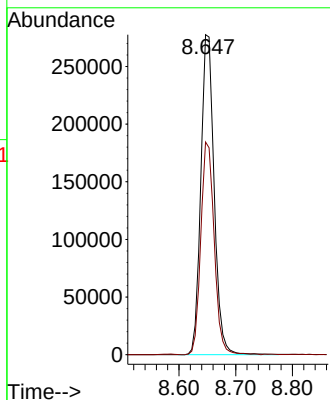
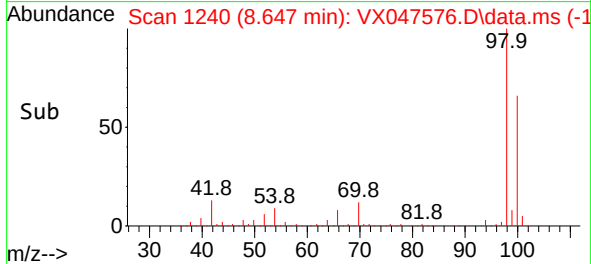
Instrument :
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PB169478TB



Tgt Ion: 98 Resp: 45256
Ion Ratio Lower Upper
98 100
100 66.9 53.5 80.3

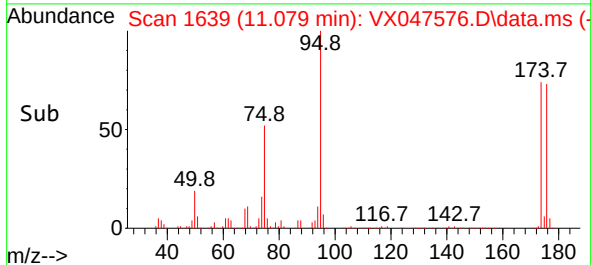
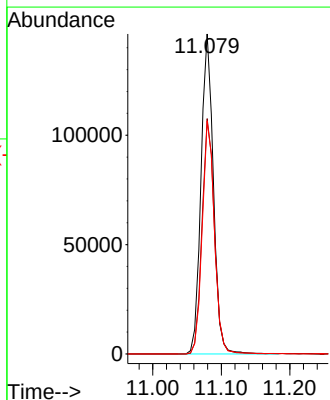
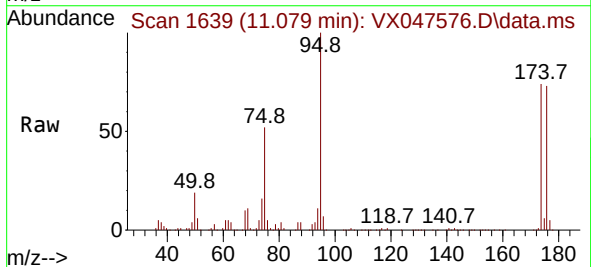
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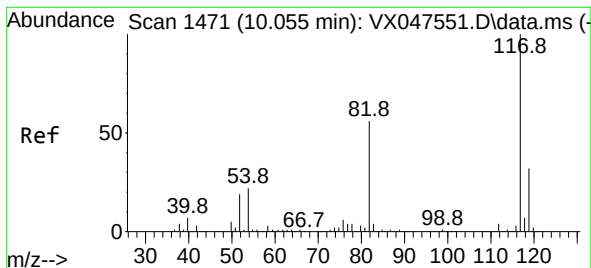
Reviewed By :John Carlone 09/03/2025
Supervised By :Mahesh Dadoda 09/03/2025



#62
4-Bromofluorobenzene
Concen: 55.689 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047576.D
Acq: 02 Sep 2025 12:21

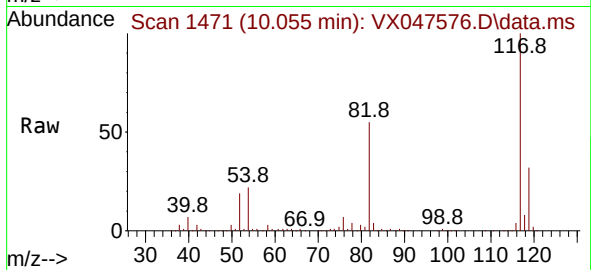
Tgt Ion: 95 Resp: 184149
Ion Ratio Lower Upper
95 100
174 73.6 0.0 145.2
176 71.9 0.0 140.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047576.D
Acq: 02 Sep 2025 12:21

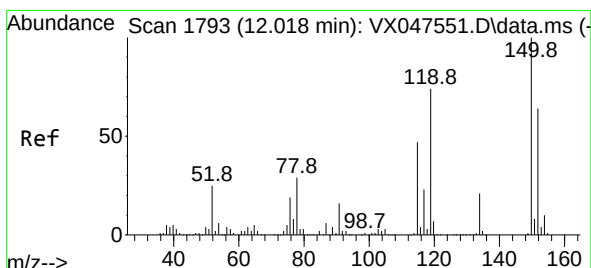
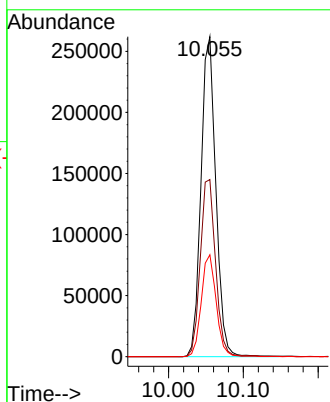
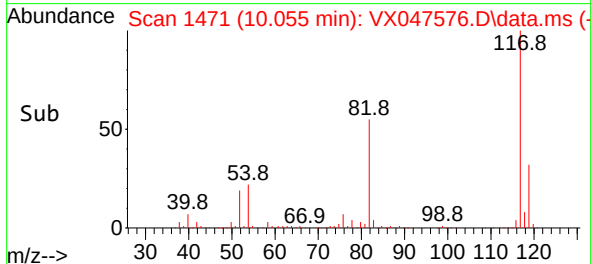
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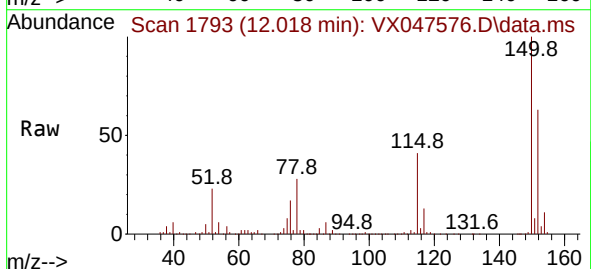
Tgt Ion:117 Resp: 361334
Ion Ratio Lower Upper
117 100
82 55.4 44.6 66.8
119 31.9 25.7 38.5

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: VX047576.D
Acq: 02 Sep 2025 12:21



Tgt Ion:152 Resp: 177202
Ion Ratio Lower Upper
152 100
115 62.8 42.9 128.5
150 158.4 0.0 351.0

