

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
 Data File : VX046575.D
 Acq On : 09 Jun 2025 13:41
 Operator : JC/MD
 Sample : Q2241-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-S

Quant Time: Jun 10 01:42:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2025
 Supervised By : Mahesh Dadoda 06/10/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	100767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	182971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83596	46.630	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.260%		
35) Dibromofluoromethane	5.397	113	60238	44.768	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.540%		
50) Toluene-d8	8.653	98	215447	48.566	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.140%		
62) 4-Bromofluorobenzene	11.079	95	84746	46.172	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.340%		
Target Compounds						Qvalue
8) Diethyl Ether	2.148	74	27704	37.334	ug/l	91
16) Acetone	2.392	43	10958	19.874	ug/l	97
18) Methyl Acetate	2.715	43	10141	4.749	ug/l	99
20) Methylene Chloride	2.806	84	3001	2.087	ug/l #	87
37) Ethyl Acetate	4.739	43	5828m	3.107	ug/l	
43) Isopropyl Acetate	6.361	43	3466	1.060	ug/l	96

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

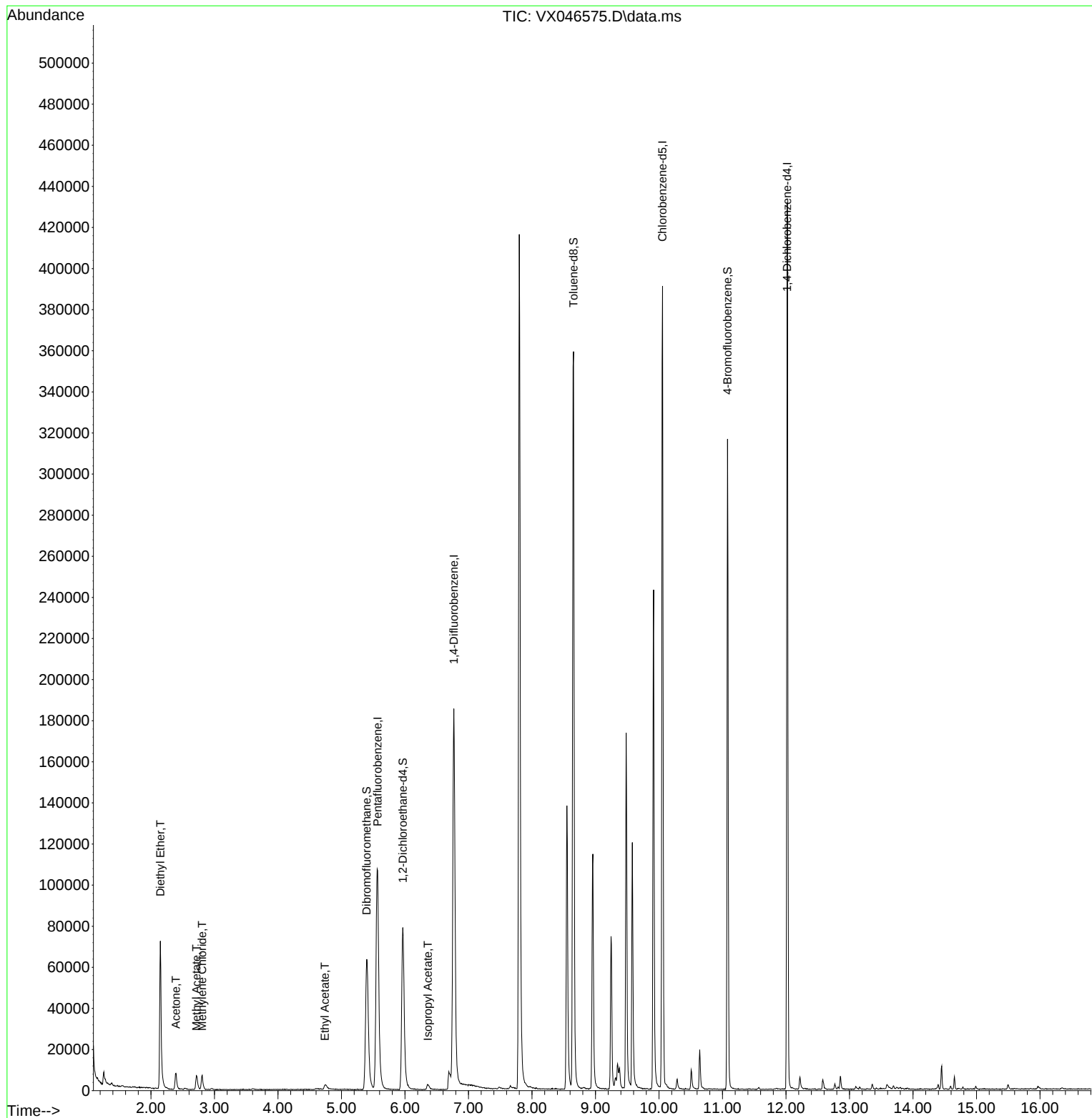
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
Data File : VX046575.D
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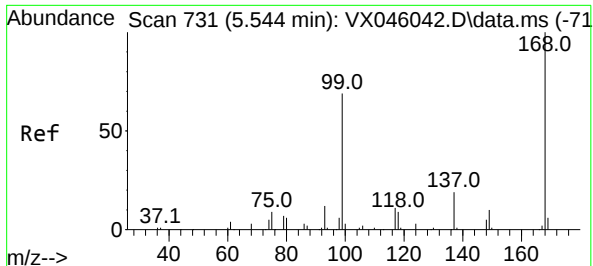
Instrument :
MSVOA_X
ClientSampleId :
TP-S

Quant Time: Jun 10 01:42:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

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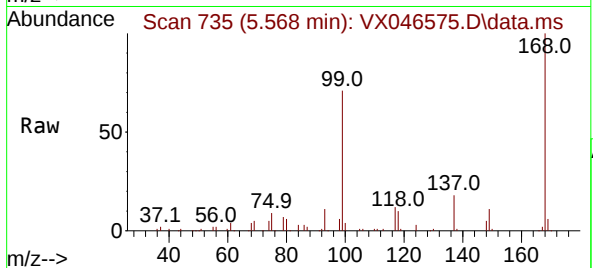
Reviewed By : John Carlone 06/10/2025
Supervised By : Mahesh Dadoda 06/10/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046575.D
Acq: 09 Jun 2025 13:41

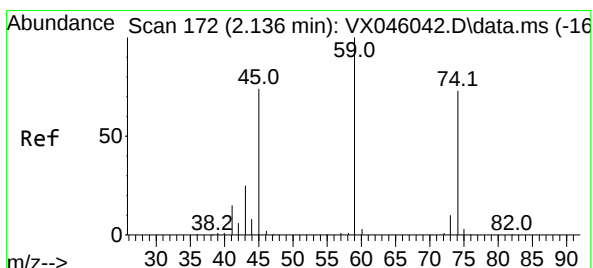
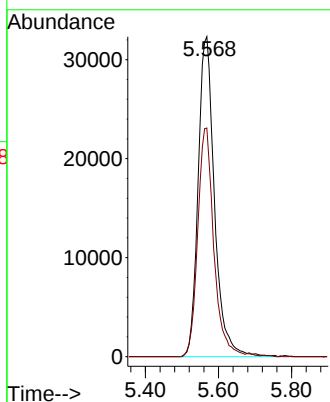
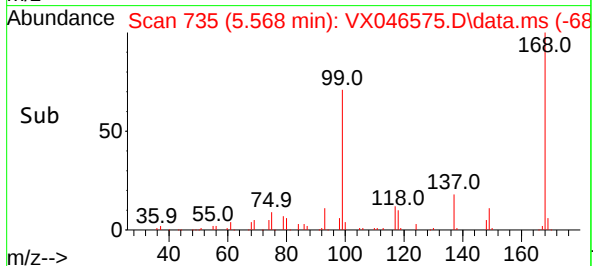
Instrument :
MSVOA_X
ClientSampleId :
TP-S



Tgt Ion:168 Resp: 10076
Ion Ratio Lower Upper
168 100
99 71.5 54.9 82.3

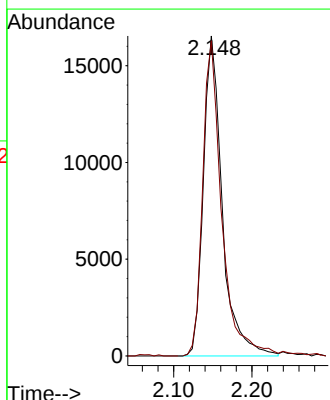
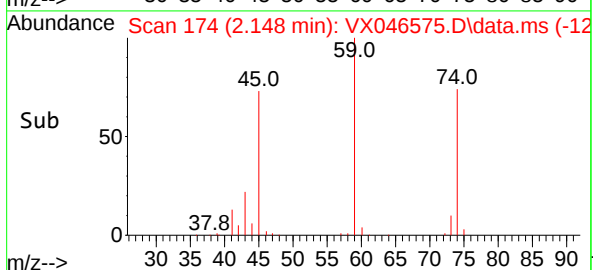
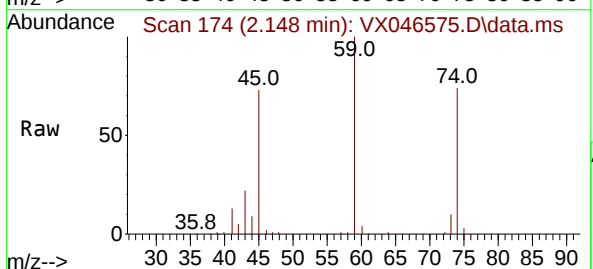
Manual Integrations
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#8
Diethyl Ether
Concen: 37.334 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046575.D
Acq: 09 Jun 2025 13:41

Tgt Ion: 74 Resp: 27704
Ion Ratio Lower Upper
74 100
45 100.2 54.9 164.8





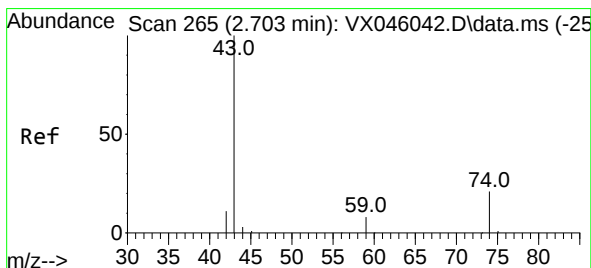
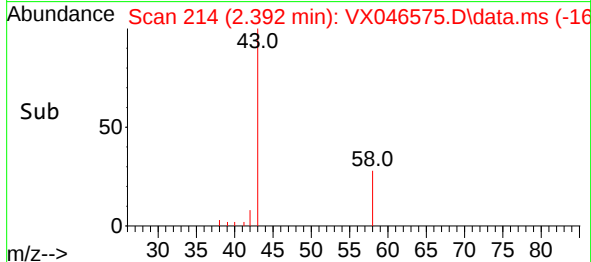
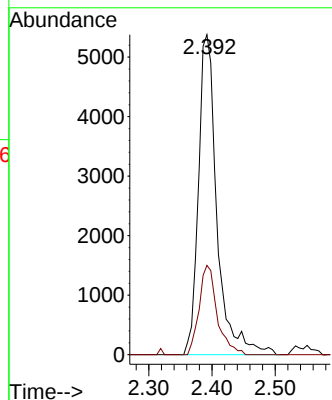
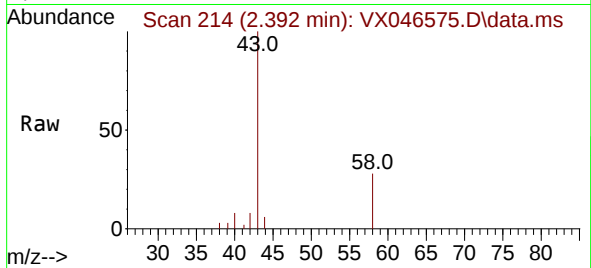
#16
Acetone
Concen: 19.874 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046575.D
Acq: 09 Jun 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
TP-S

Tgt Ion: 43 Resp: 10958
Ion Ratio Lower Upper
43 100
58 27.9 21.2 31.8

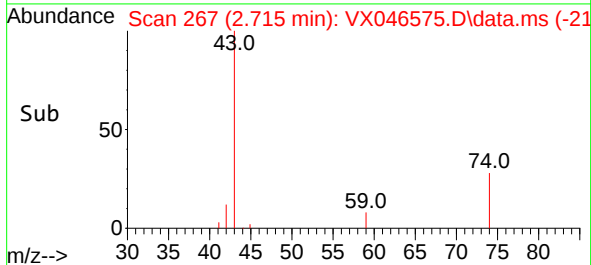
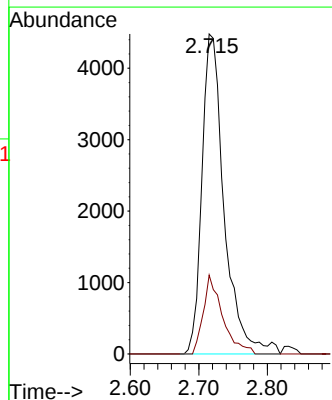
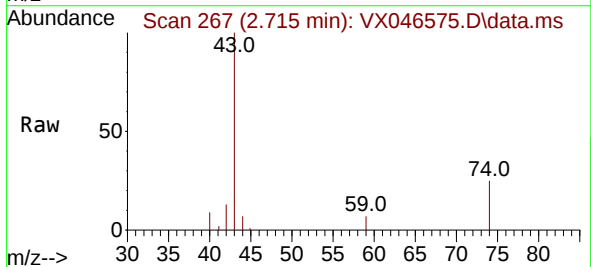
Manual Integrations
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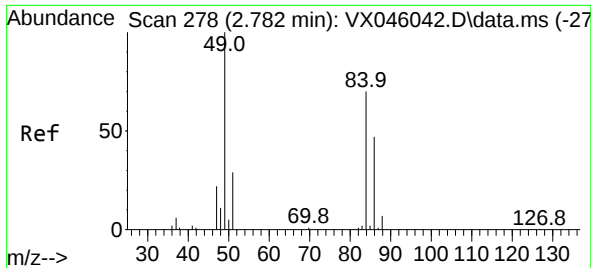
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#18
Methyl Acetate
Concen: 4.749 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.006 min
Lab File: VX046575.D
Acq: 09 Jun 2025 13:41

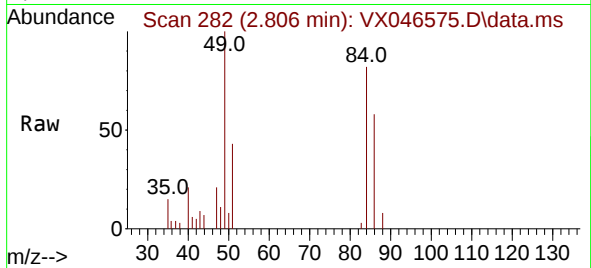
Tgt Ion: 43 Resp: 10141
Ion Ratio Lower Upper
43 100
74 21.4 16.7 25.1





#20
Methylene Chloride
Concen: 2.087 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046575.D
Acq: 09 Jun 2025 13:41

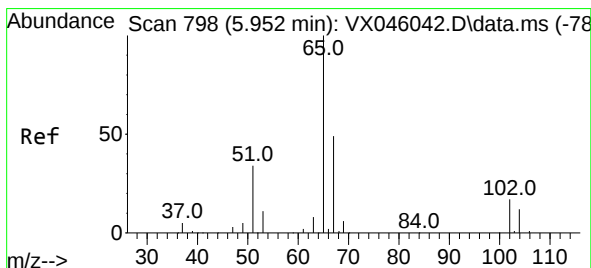
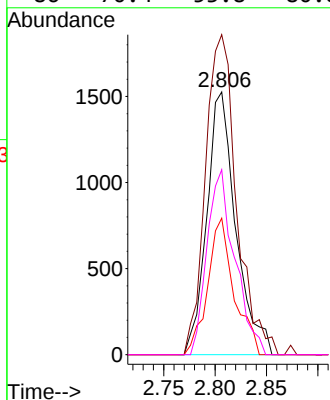
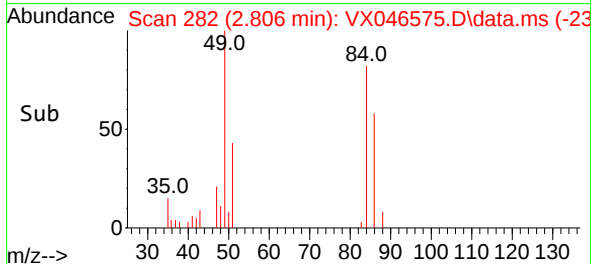
Instrument :
MSVOA_X
ClientSampleId :
TP-S



Tgt Ion: 84 Resp: 300
Ion Ratio Lower Upper
84 100
49 121.8 113.9 170.9
51 52.0 33.5 50.3
86 70.4 53.8 80.8

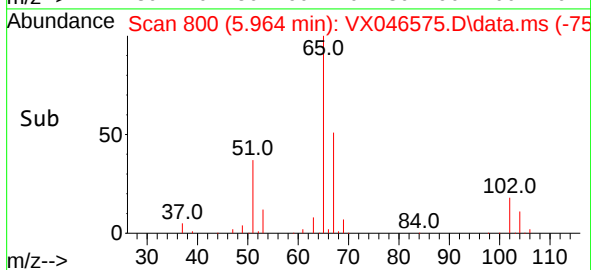
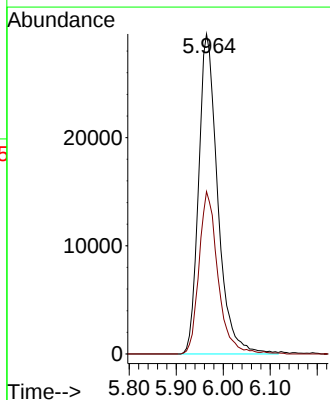
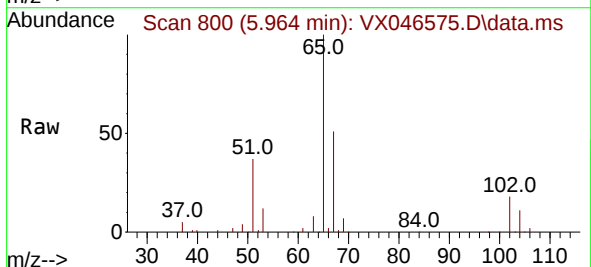
Manual Integrations
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Reviewed By :John Carlone 06/10/2025
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#33
1,2-Dichloroethane-d4
Concen: 46.630 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046575.D
Acq: 09 Jun 2025 13:41

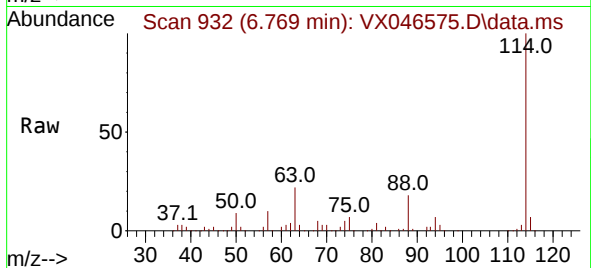
Tgt Ion: 65 Resp: 83596
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046575.D
Acq: 09 Jun 2025 13:41

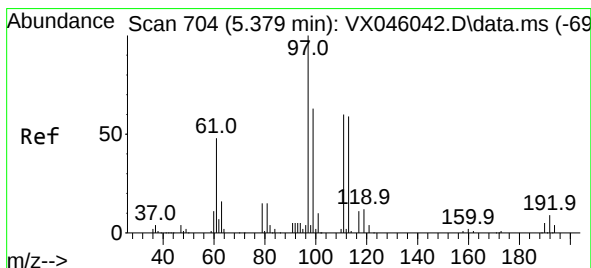
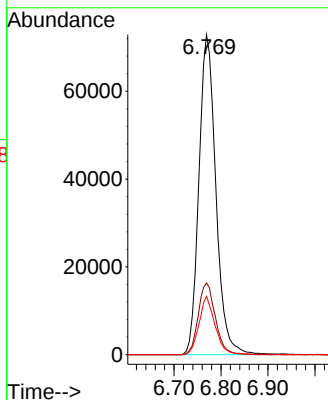
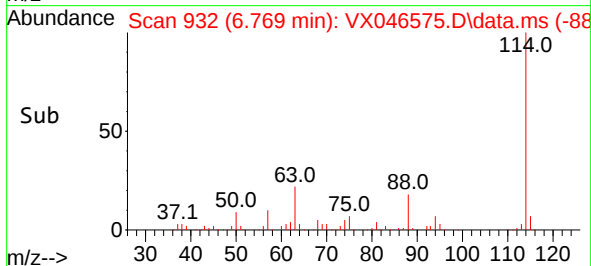
Instrument :
MSVOA_X
ClientSampleId :
TP-S



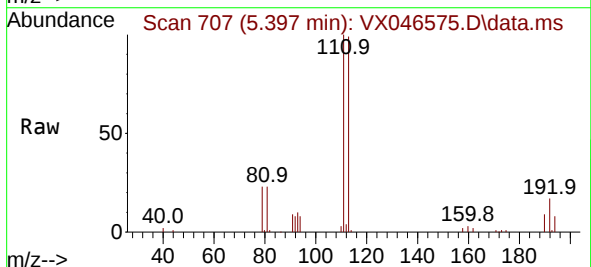
Tgt Ion:114 Resp: 18297
Ion Ratio Lower Upper
114 100
63 22.5 0.0 49.2
88 18.2 0.0 33.6

Manual Integrations
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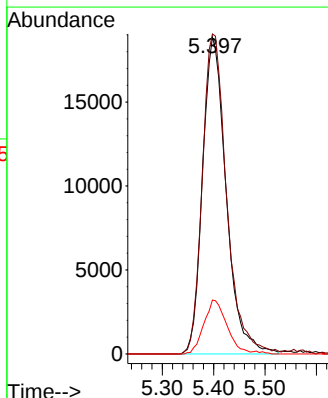
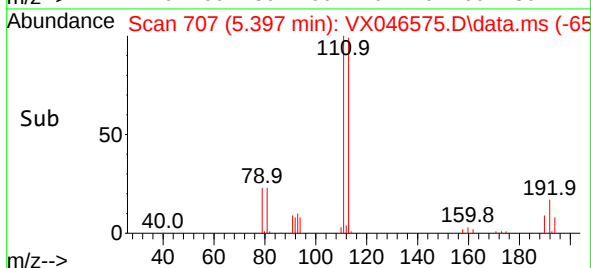
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

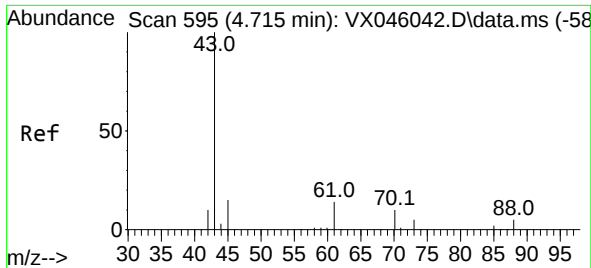


#35
Dibromofluoromethane
Concen: 44.768 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046575.D
Acq: 09 Jun 2025 13:41



Tgt Ion:113 Resp: 60238
Ion Ratio Lower Upper
113 100
111 103.4 83.1 124.7
192 16.6 13.3 19.9





#37

Ethyl Acetate

Concen: 3.107 ug/l m

RT: 4.739 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX046575.D

Acq: 09 Jun 2025 13:41

Instrument :

MSVOA_X

ClientSampleId :

TP-S

Tgt Ion: 43 Resp: 5828

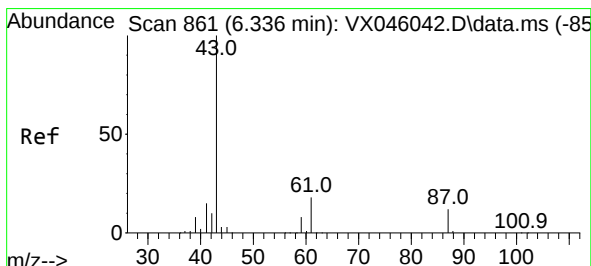
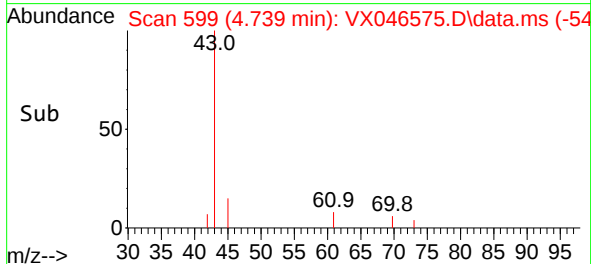
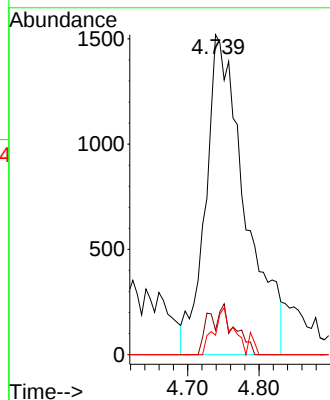
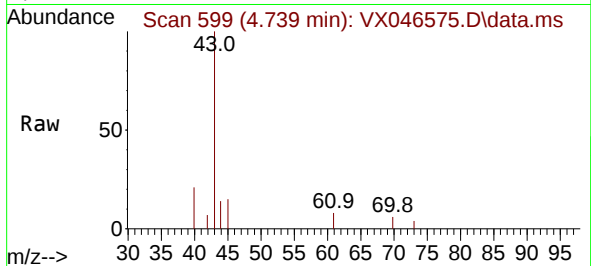
Ion	Ratio	Lower	Upper
43	100		
61	6.4	10.3	15.5
70	7.1	7.9	11.9

Manual Integrations

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Supervised By :Mahesh Dadoda 06/10/2025



#43

Isopropyl Acetate

Concen: 1.060 ug/l

RT: 6.361 min Scan# 865

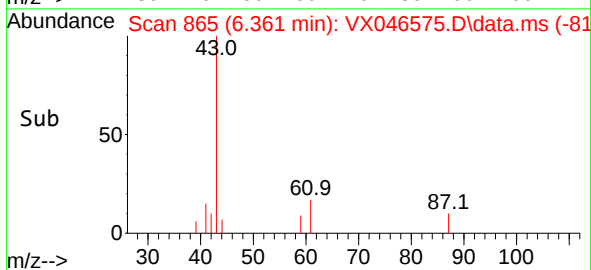
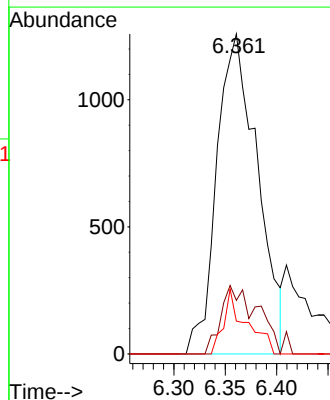
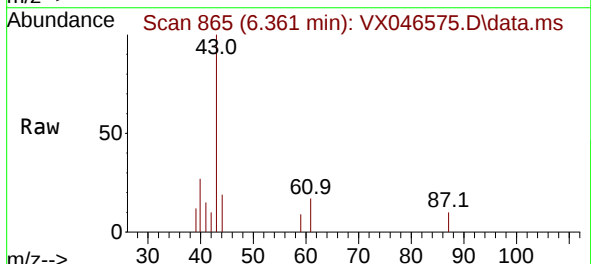
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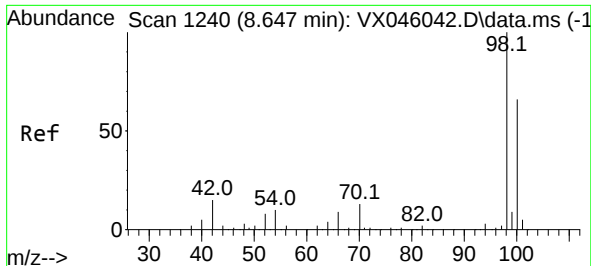
Lab File: VX046575.D

Acq: 09 Jun 2025 13:41

Tgt Ion: 43 Resp: 3466

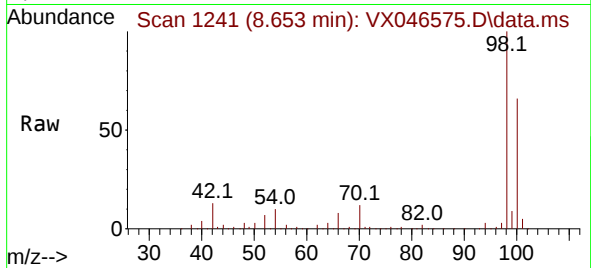
Ion	Ratio	Lower	Upper
43	100		
61	20.0	14.3	21.5
87	11.1	9.5	14.3





#50
Toluene-d8
Concen: 48.566 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046575.D
Acq: 09 Jun 2025 13:41

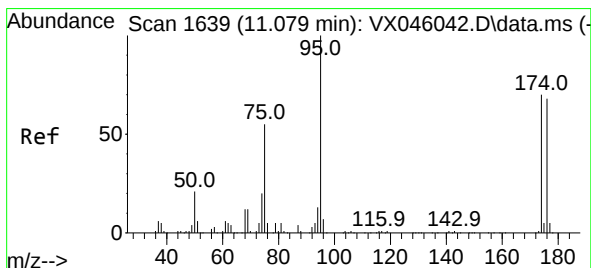
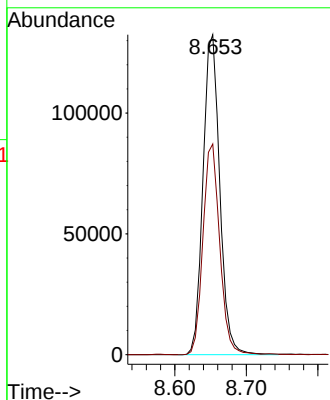
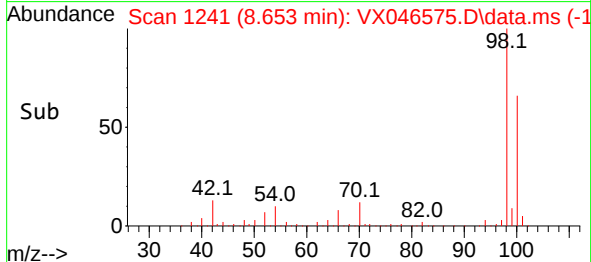
Instrument :
MSVOA_X
ClientSampleId :
TP-S



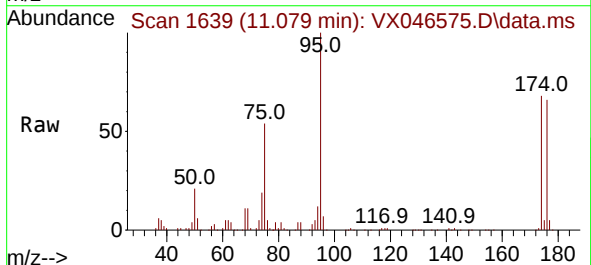
Tgt Ion: 98 Resp: 21544
Ion Ratio Lower Upper
98 100
100 66.2 53.5 80.3

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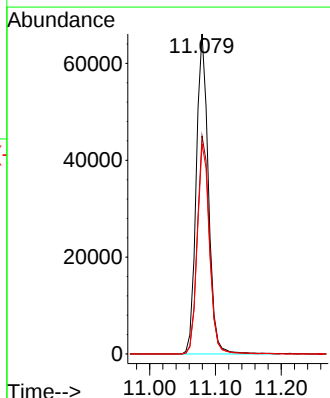
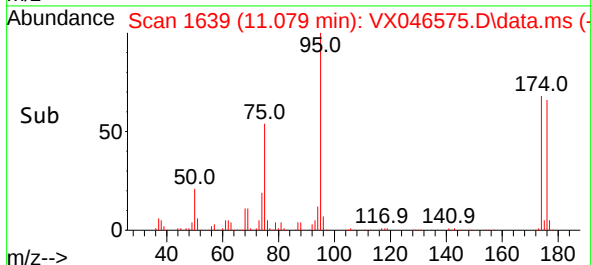
Reviewed By :John Carlone 06/10/2025
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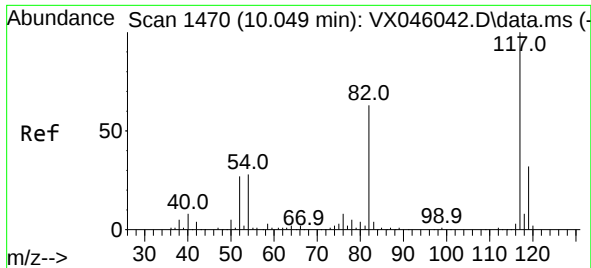


#62
4-Bromofluorobenzene
Concen: 46.172 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046575.D
Acq: 09 Jun 2025 13:41



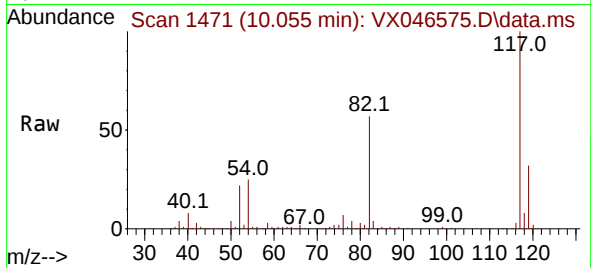
Tgt Ion: 95 Resp: 84746
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.8
176 65.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046575.D
Acq: 09 Jun 2025 13:41

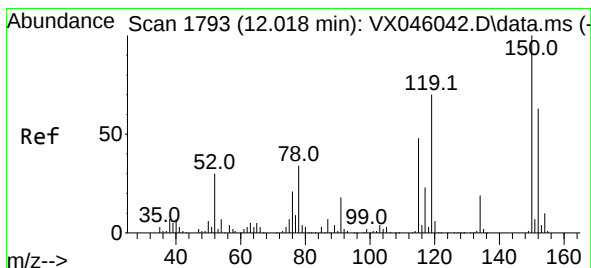
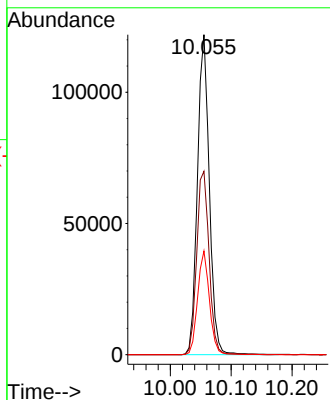
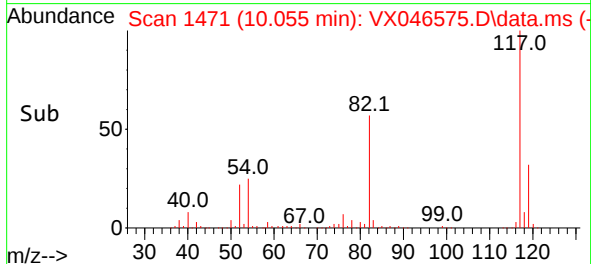
Instrument :
MSVOA_X
ClientSampleId :
TP-S



Tgt Ion:117 Resp: 165248
Ion Ratio Lower Upper
117 100
82 57.3 50.6 76.0
119 32.4 25.8 38.6

Manual Integrations
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Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046575.D
Acq: 09 Jun 2025 13:41

Tgt Ion:152 Resp: 80792
Ion Ratio Lower Upper
152 100
115 64.5 46.9 140.7
150 158.8 0.0 351.0

