

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
 Data File : VX046573.D
 Acq On : 09 Jun 2025 12:58
 Operator : JC/MD
 Sample : Q2240-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Quant Time: Jun 10 01:41:56 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	109341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	196091	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	83394	42.870	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.740%		
35) Dibromofluoromethane	5.397	113	59667	41.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	82.760%		
50) Toluene-d8	8.653	98	212911	44.783	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.560%		
62) 4-Bromofluorobenzene	11.079	95	83637	42.519	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	85.040%		
Target Compounds						Qvalue
8) Diethyl Ether	2.148	74	26066	32.372	ug/l	86
16) Acetone	2.392	43	9373	16.639	ug/l	93
18) Methyl Acetate	2.721	43	10683	4.610	ug/l	100
20) Methylene Chloride	2.800	84	2855	1.829	ug/l	90
37) Ethyl Acetate	4.745	43	5782m	2.876	ug/l	
43) Isopropyl Acetate	6.367	43	3982m	1.136	ug/l	

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

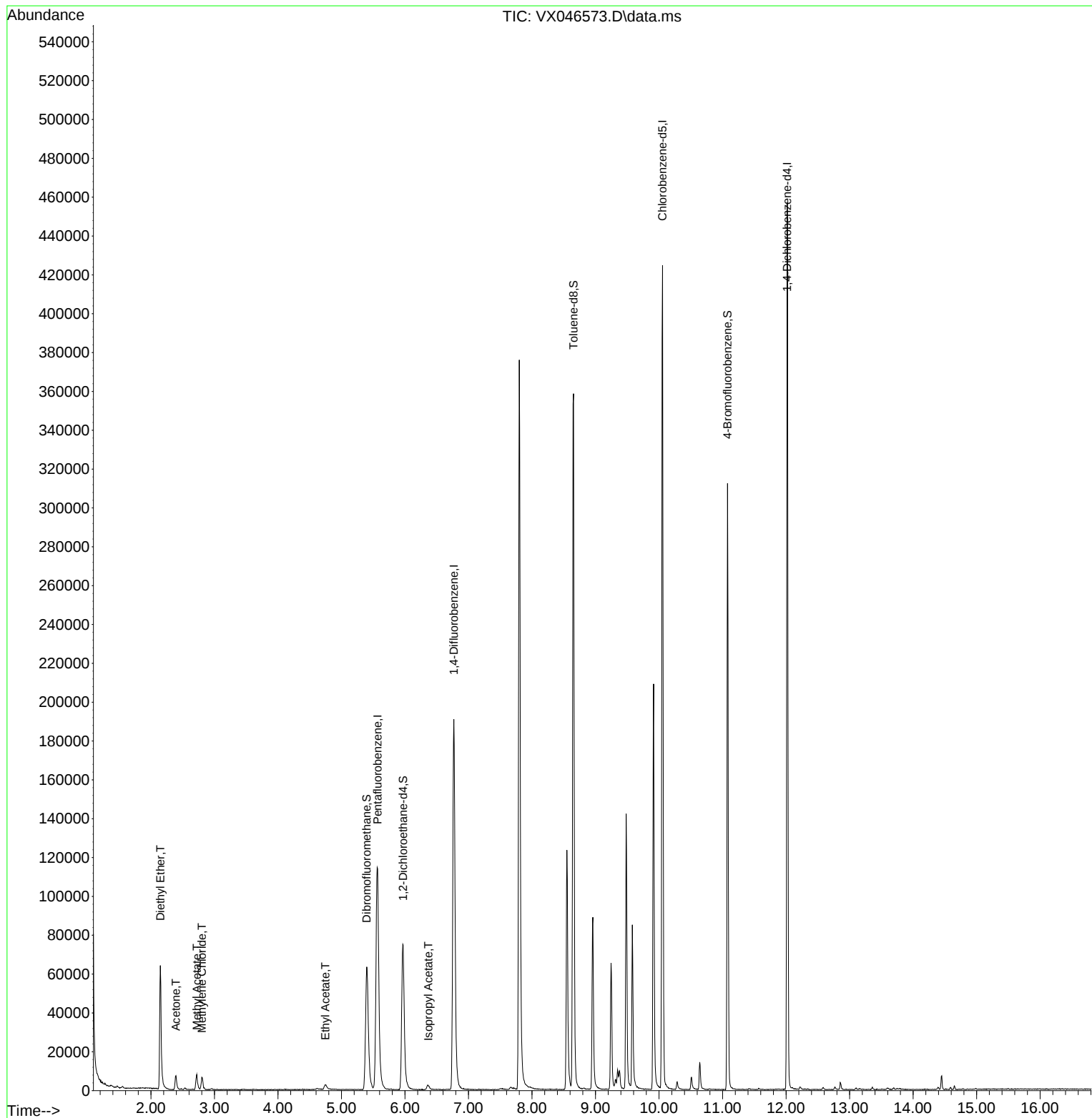
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
Data File : VX046573.D
Acq On : 09 Jun 2025 12:58
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
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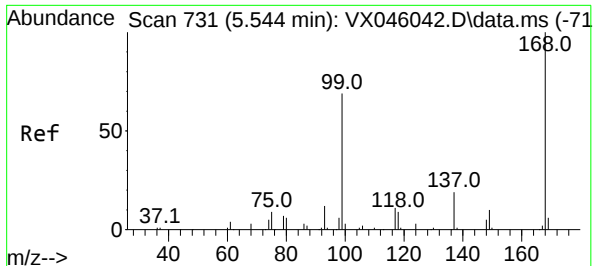
Instrument :
MSVOA_X
ClientSampleId :
TP-1

Quant Time: Jun 10 01:41:56 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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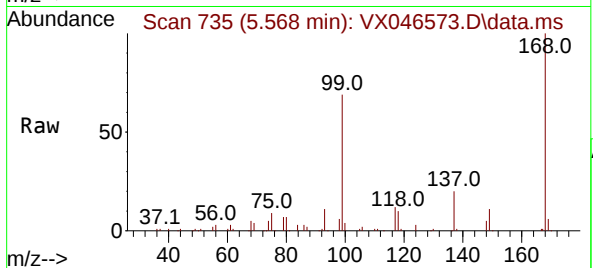
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

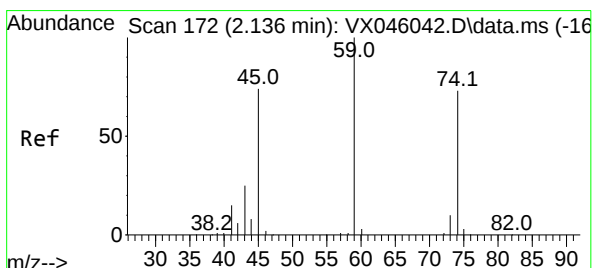
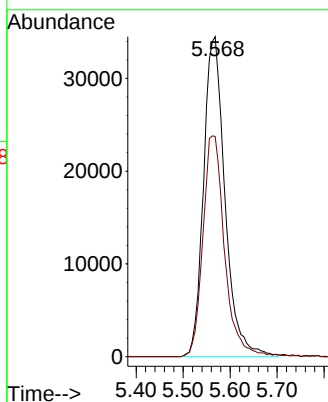
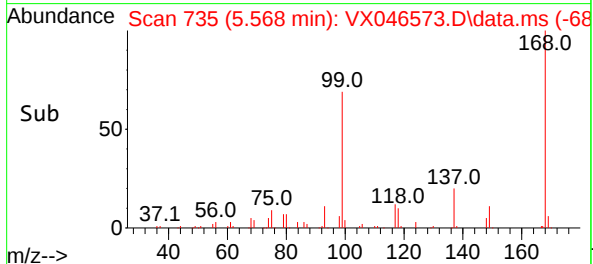
Instrument :
MSVOA_X
ClientSampleId :
TP-1



Tgt Ion:168 Resp: 10934
Ion Ratio Lower Upper
168 100
99 68.9 54.9 82.3

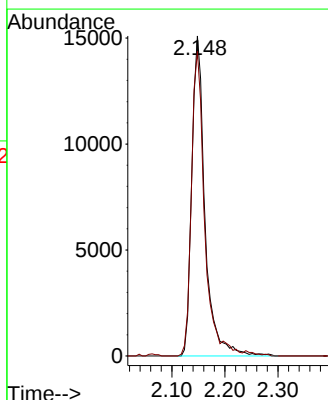
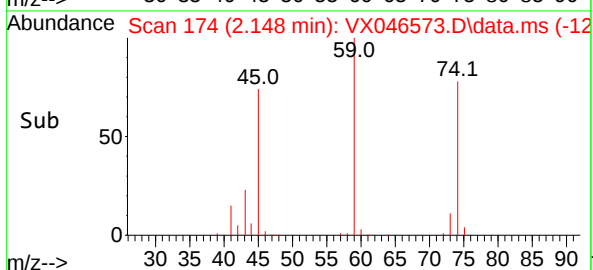
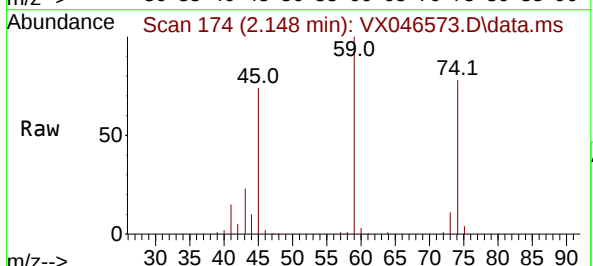
Manual Integrations
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Reviewed By :John Carlone 06/10/2025
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#8
Diethyl Ether
Concen: 32.372 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

Tgt Ion: 74 Resp: 26066
Ion Ratio Lower Upper
74 100
45 95.0 54.9 164.8





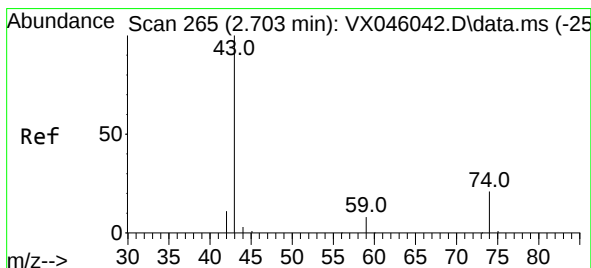
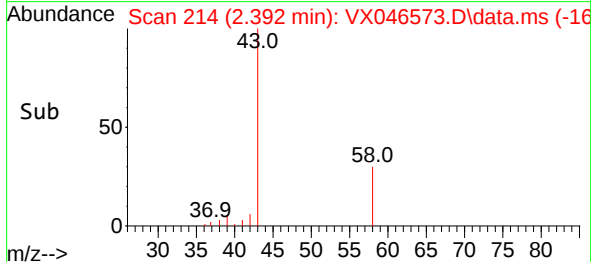
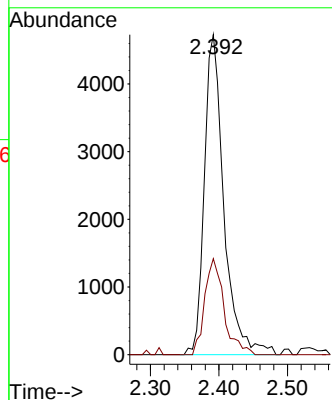
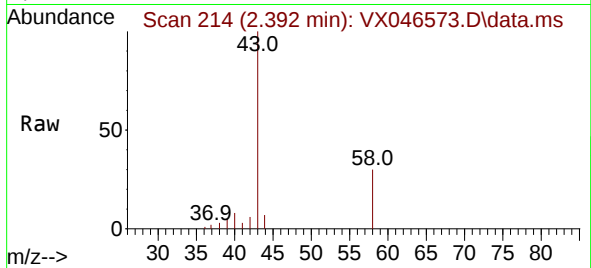
#16
Acetone
Concen: 16.639 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion: 43 Resp: 937
Ion Ratio Lower Upper
43 100
58 30.0 21.2 31.8

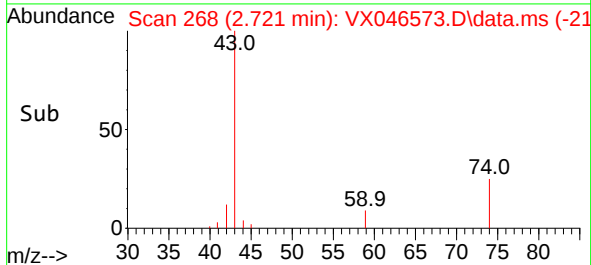
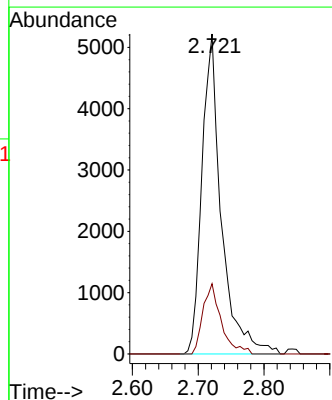
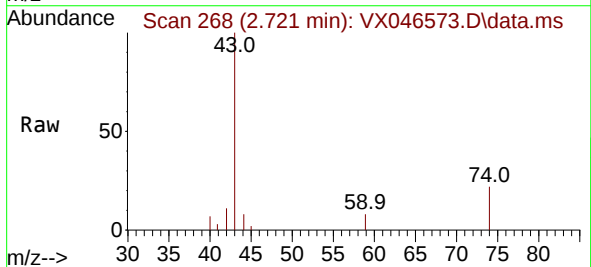
Manual Integrations
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Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#18
Methyl Acetate
Concen: 4.610 ug/l
RT: 2.721 min Scan# 268
Delta R.T. -0.000 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

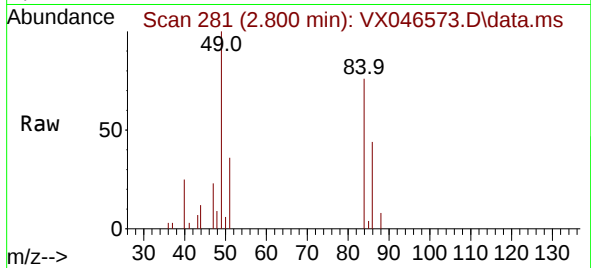
Tgt Ion: 43 Resp: 10683
Ion Ratio Lower Upper
43 100
74 20.7 16.7 25.1





#20
Methylene Chloride
Concen: 1.829 ug/l
RT: 2.800 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

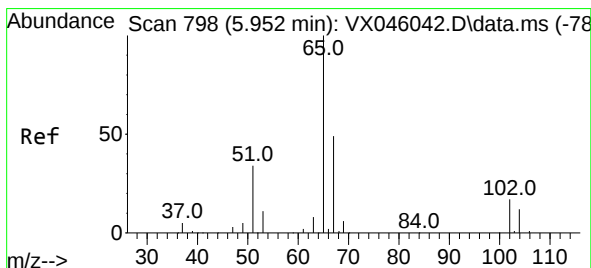
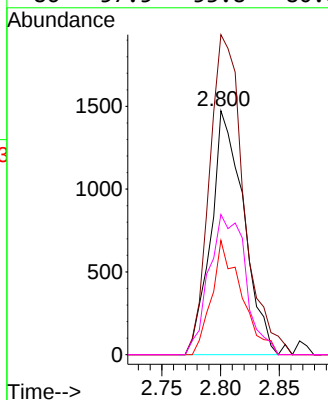
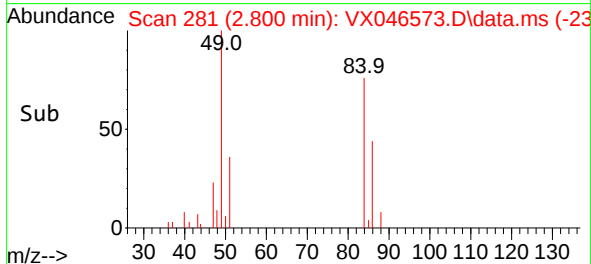
Instrument :
MSVOA_X
ClientSampleId :
TP-1



Tgt Ion: 84 Resp: 285
Ion Ratio Lower Upper
84 100
49 131.2 113.9 170.9
51 46.8 33.5 50.3
86 57.5 53.8 80.8

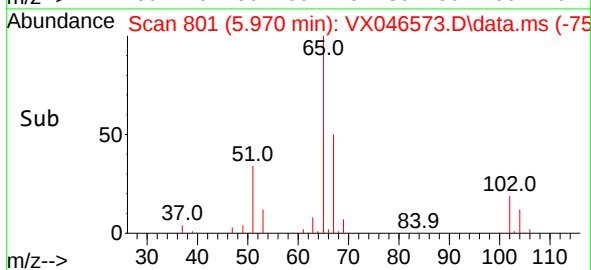
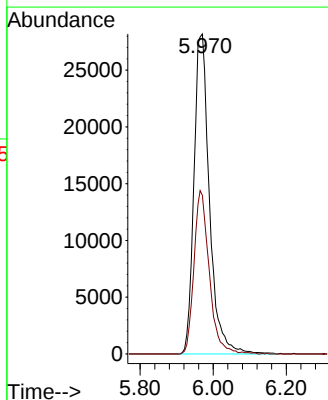
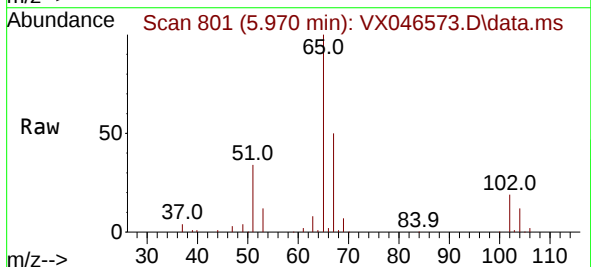
Manual Integrations
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#33
1,2-Dichloroethane-d4
Concen: 42.870 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

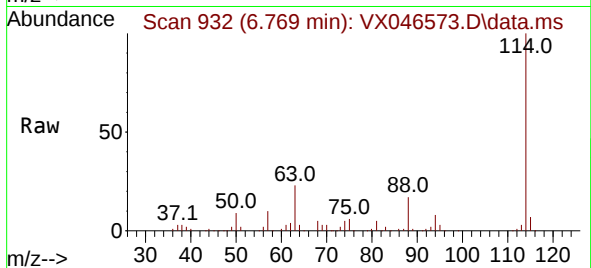
Tgt Ion: 65 Resp: 83394
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

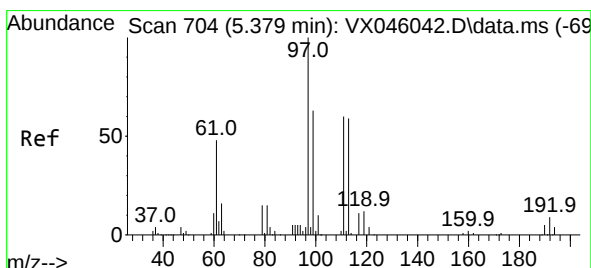
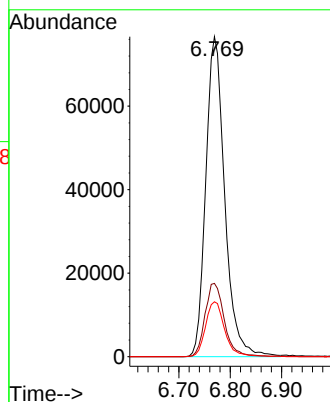
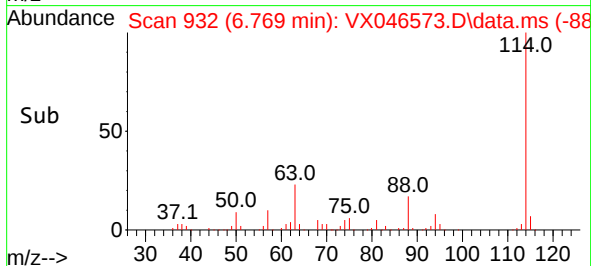
Instrument :
MSVOA_X
ClientSampleId :
TP-1



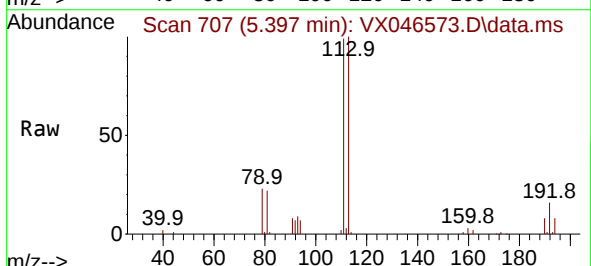
Tgt Ion:114 Resp: 196091
Ion Ratio Lower Upper
114 100
63 22.9 0.0 49.2
88 17.1 0.0 33.6

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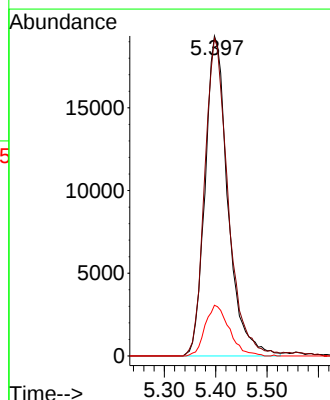
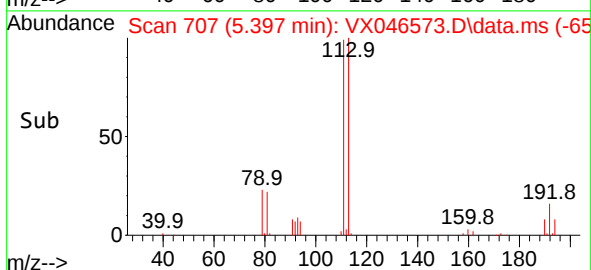
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

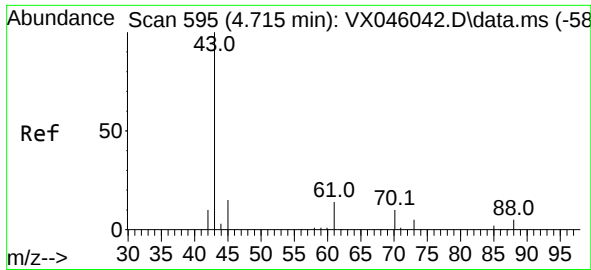


#35
Dibromofluoromethane
Concen: 41.377 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58



Tgt Ion:113 Resp: 59667
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 16.8 13.3 19.9





#37

Ethyl Acetate

Concen: 2.876 ug/l m

RT: 4.745 min Scan# 600

Delta R.T. 0.012 min

Lab File: VX046573.D

Acq: 09 Jun 2025 12:58

Instrument :

MSVOA_X

ClientSampleId :

TP-1

Tgt Ion: 43 Resp: 578

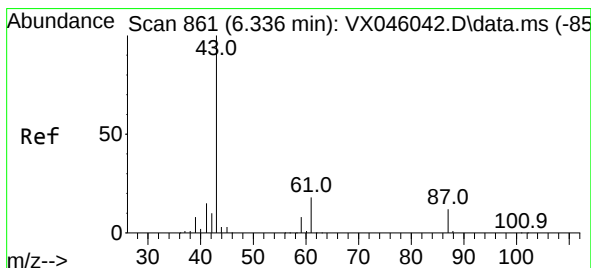
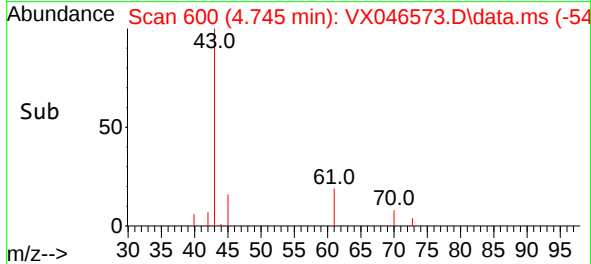
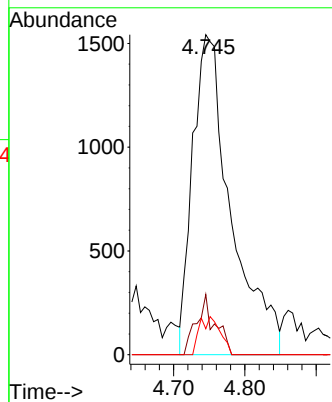
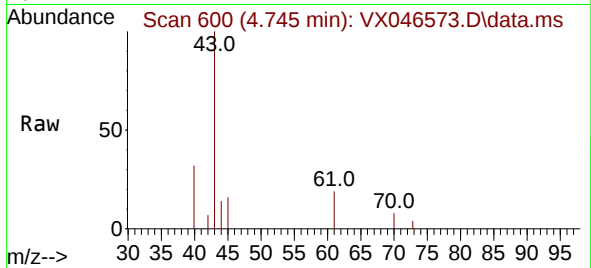
Ion	Ratio	Lower	Upper
43	100		
61	9.2	10.3	15.5
70	6.4	7.9	11.9

Manual Integrations

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#43

Isopropyl Acetate

Concen: 1.136 ug/l m

RT: 6.367 min Scan# 866

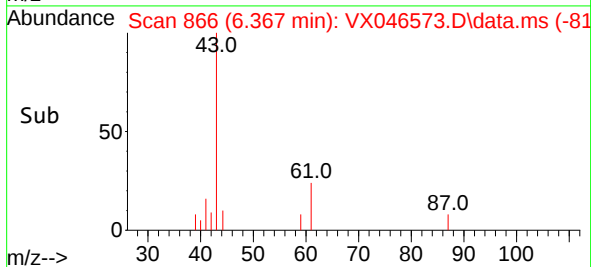
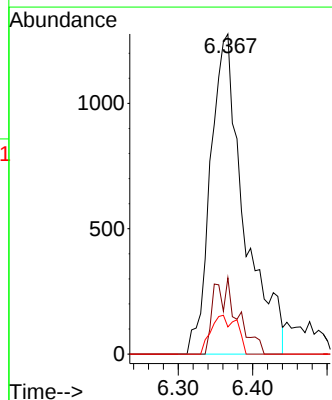
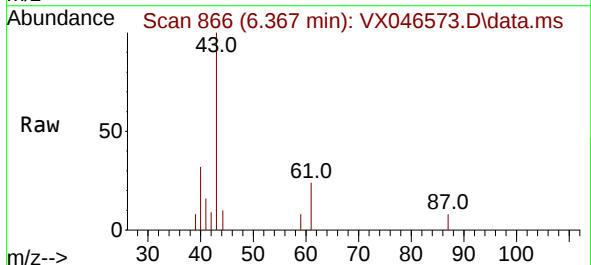
Delta R.T. 0.013 min

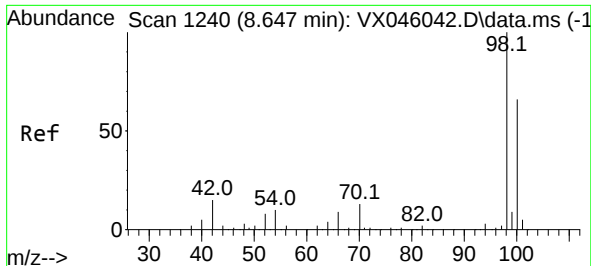
Lab File: VX046573.D

Acq: 09 Jun 2025 12:58

Tgt Ion: 43 Resp: 3982

Ion	Ratio	Lower	Upper
43	100		
61	16.9	14.3	21.5
87	9.3	9.5	14.3





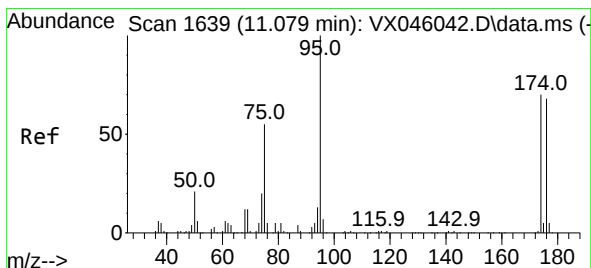
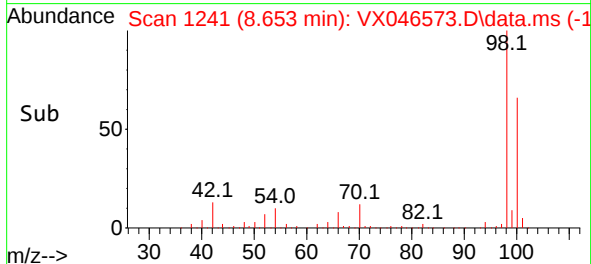
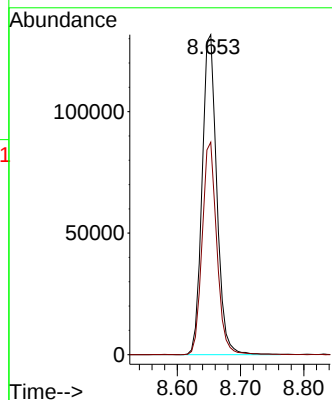
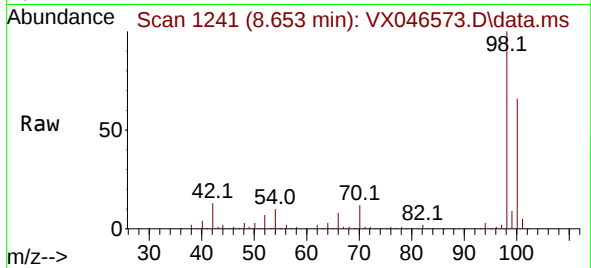
#50
Toluene-d8
Concen: 44.783 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tgt Ion: 98 Resp: 21291
Ion Ratio Lower Upper
98 100
100 66.4 53.5 80.3

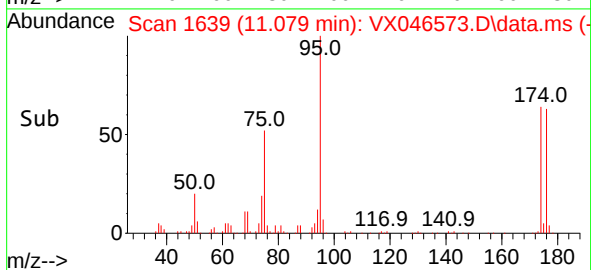
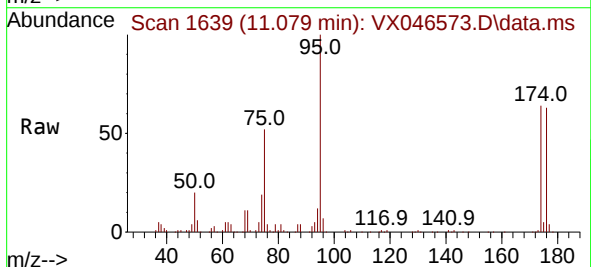
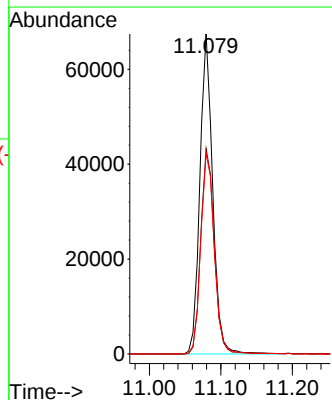
Manual Integrations
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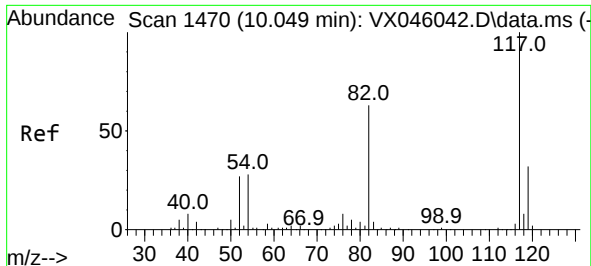
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#62
4-Bromofluorobenzene
Concen: 42.519 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

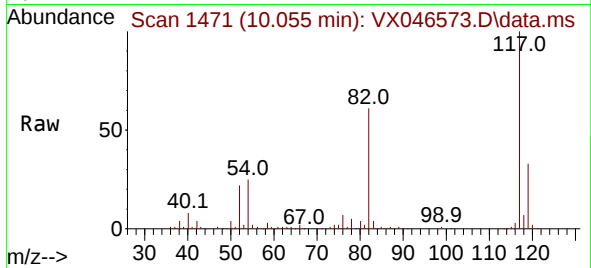
Tgt Ion: 95 Resp: 83637
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 66.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046573.D
Acq: 09 Jun 2025 12:58

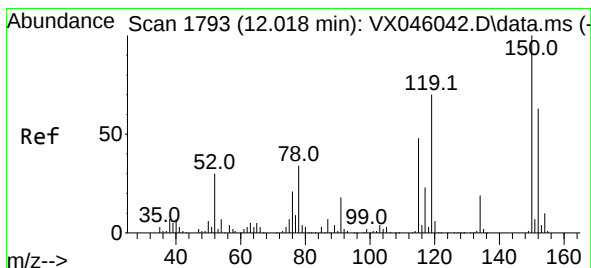
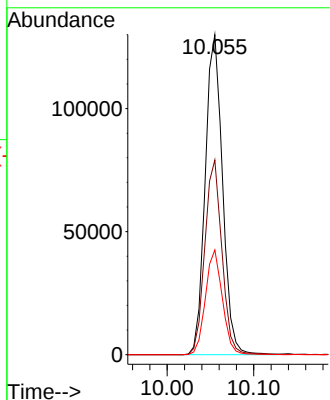
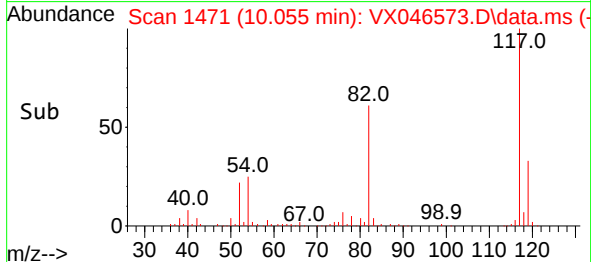
Instrument :
MSVOA_X
ClientSampleId :
TP-1



Tgt Ion:117 Resp: 180780
Ion Ratio Lower Upper
117 100
82 60.9 50.6 76.0
119 32.8 25.8 38.6

Manual Integrations
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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: VX046573.D
Acq: 09 Jun 2025 12:58

Tgt Ion:152 Resp: 87802
Ion Ratio Lower Upper
152 100
115 65.0 46.9 140.7
150 160.2 0.0 351.0

