

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
 Data File : VX046571.D
 Acq On : 09 Jun 2025 12:16
 Operator : JC/MD
 Sample : Q2240-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3

Quant Time: Jun 10 01:41:01 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	106054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	186685	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	90255	47.835	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.660%		
35) Dibromofluoromethane	5.391	113	65120	47.433	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.860%		
50) Toluene-d8	8.647	98	232158	51.292	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.580%		
62) 4-Bromofluorobenzene	11.079	95	91307	48.757	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.520%		
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.148	74	26859	34.391	ug/l	88
16) Acetone	2.386	43	13769	22.836	ug/l	96
18) Methyl Acetate	2.715	43	9918	4.413	ug/l	99
20) Methylene Chloride	2.806	84	2943	1.944	ug/l	89
37) Ethyl Acetate	4.745	43	5993m	3.131	ug/l	
43) Isopropyl Acetate	6.361	43	3916	1.174	ug/l #	93

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

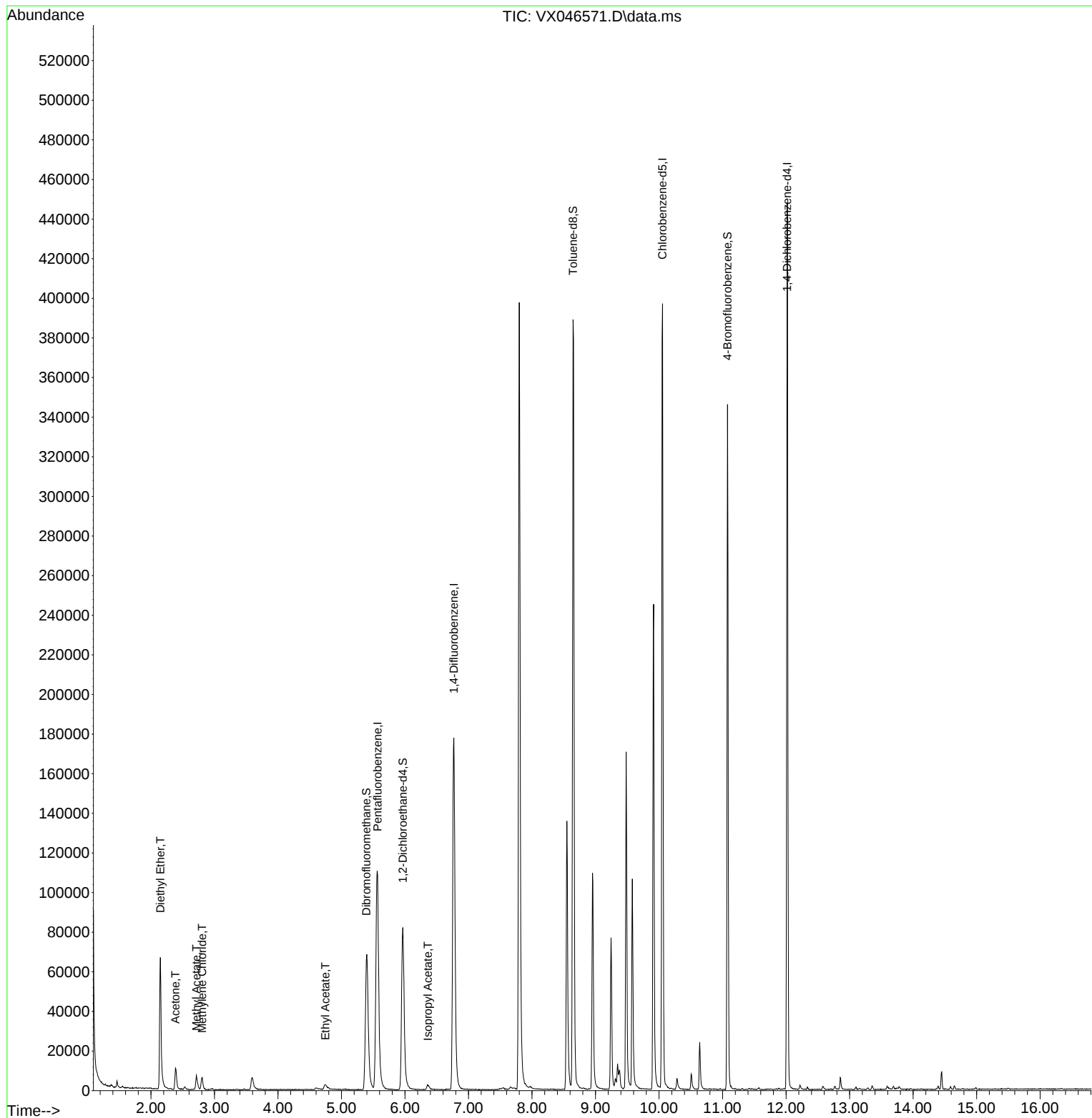
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
Data File : VX046571.D
Acq On : 09 Jun 2025 12:16
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Sample : Q2240-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

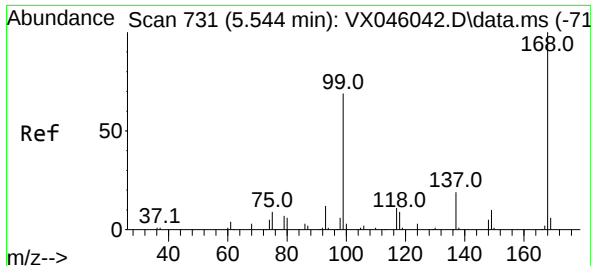
Instrument :
MSVOA_X
ClientSampleId :
TP-3

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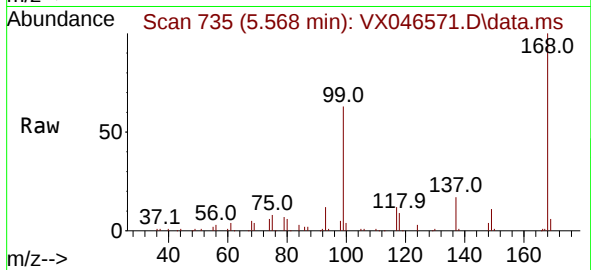
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046571.D
Acq: 09 Jun 2025 12:16

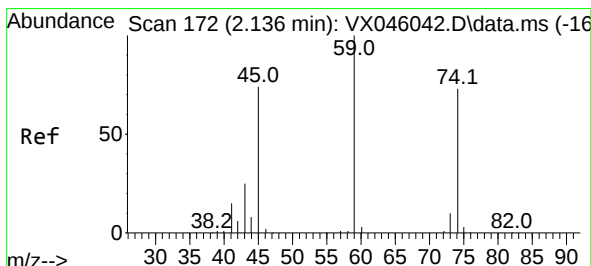
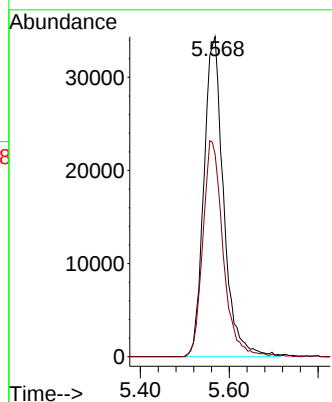
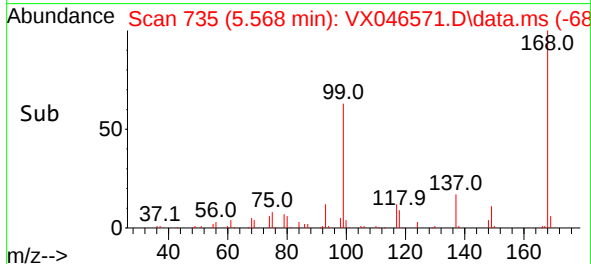
Instrument :
MSVOA_X
ClientSampleId :
TP-3



Tgt Ion:168 Resp: 106054
Ion Ratio Lower Upper
168 100
99 63.3 54.9 82.3

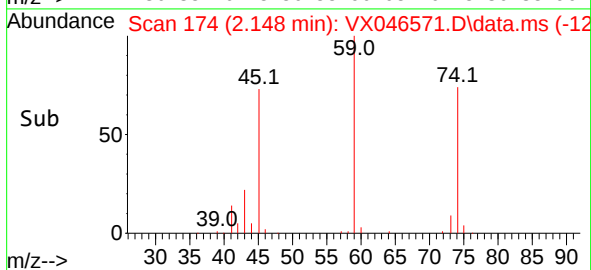
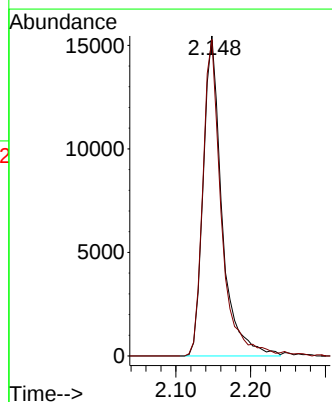
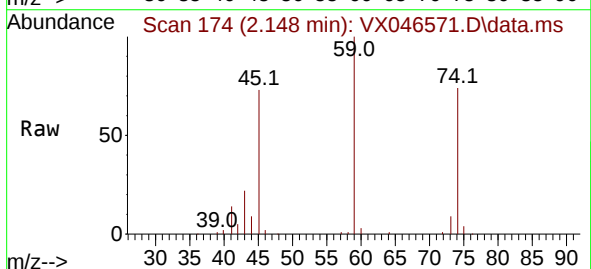
Manual Integrations
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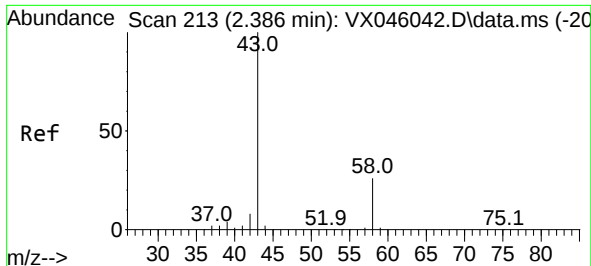
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#8
Diethyl Ether
Concen: 34.391 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046571.D
Acq: 09 Jun 2025 12:16

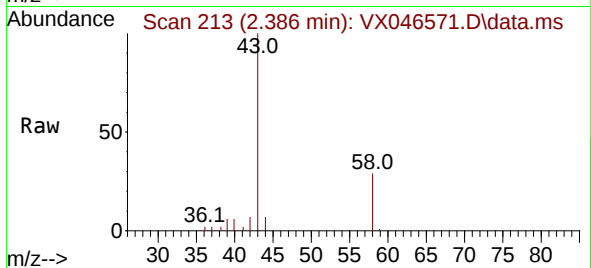
Tgt Ion: 74 Resp: 26859
Ion Ratio Lower Upper
74 100
45 97.6 54.9 164.8





#16
Acetone
Concen: 22.836 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046571.D
Acq: 09 Jun 2025 12:16

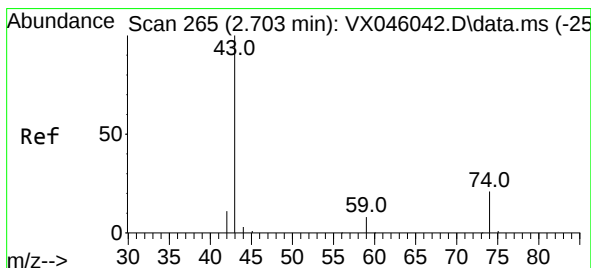
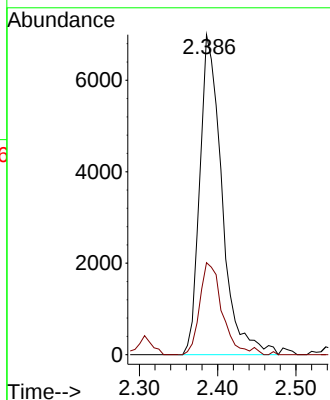
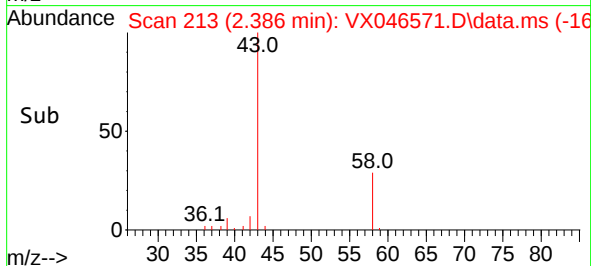
Instrument :
MSVOA_X
ClientSampleId :
TP-3



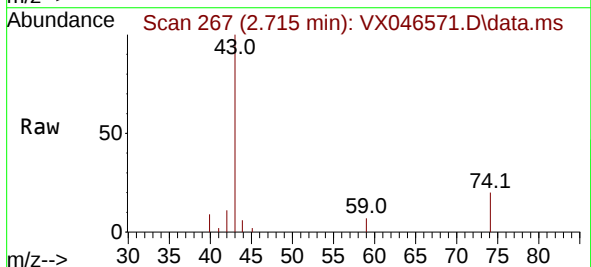
Tgt Ion: 43 Resp: 13769
Ion Ratio Lower Upper
43 100
58 28.7 21.2 31.8

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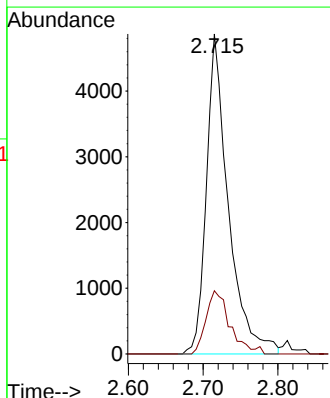
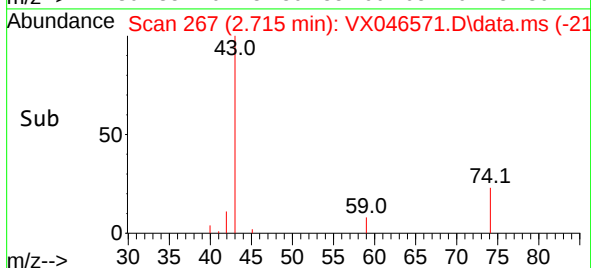
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

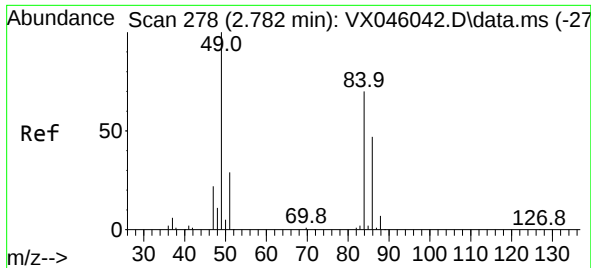


#18
Methyl Acetate
Concen: 4.413 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.006 min
Lab File: VX046571.D
Acq: 09 Jun 2025 12:16



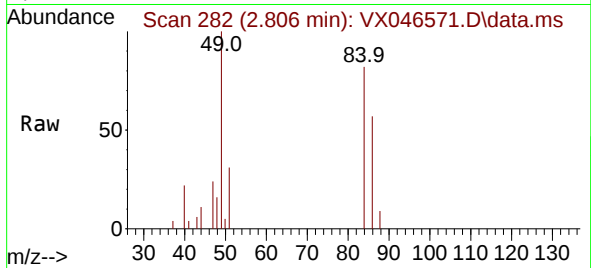
Tgt Ion: 43 Resp: 9918
Ion Ratio Lower Upper
43 100
74 21.6 16.7 25.1





#20
Methylene Chloride
Concen: 1.944 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046571.D
Acq: 09 Jun 2025 12:16

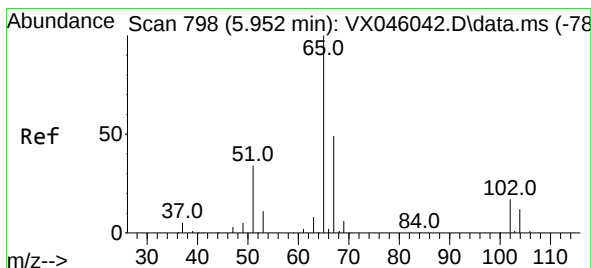
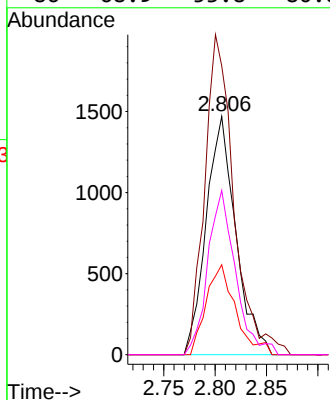
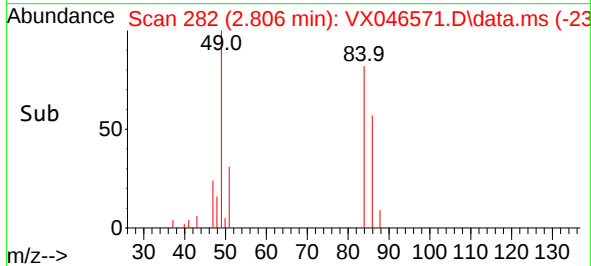
Instrument :
MSVOA_X
ClientSampleId :
TP-3



Tgt Ion: 84 Resp: 294
Ion Ratio Lower Upper
84 100
49 121.2 113.9 170.9
51 37.8 33.5 50.3
86 68.9 53.8 80.8

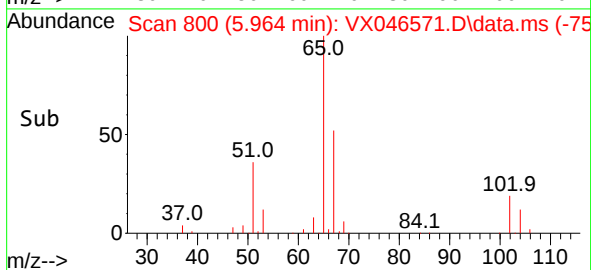
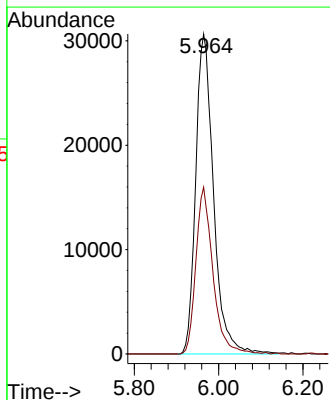
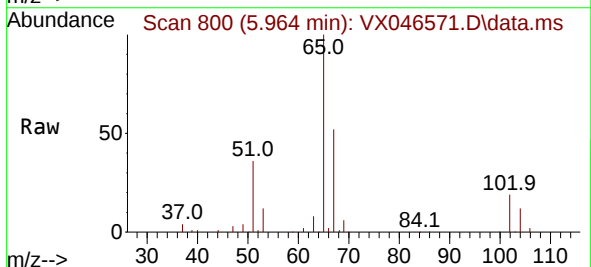
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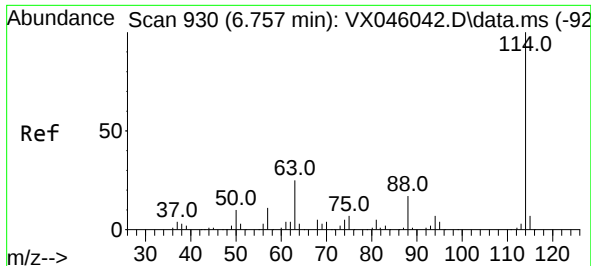
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#33
1,2-Dichloroethane-d4
Concen: 47.835 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046571.D
Acq: 09 Jun 2025 12:16

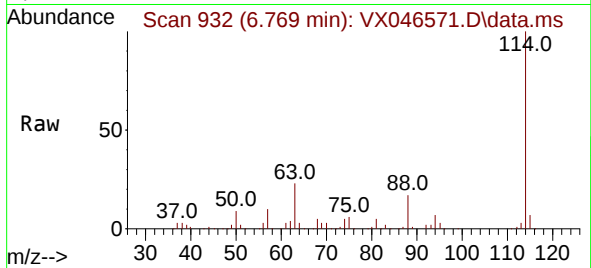
Tgt Ion: 65 Resp: 90255
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046571.D
Acq: 09 Jun 2025 12:16

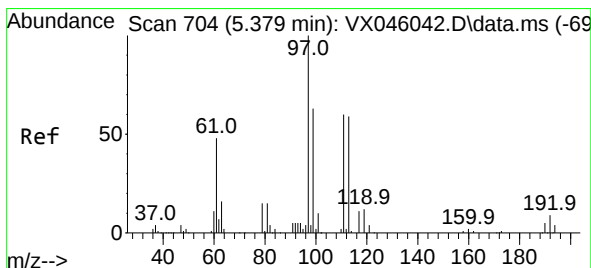
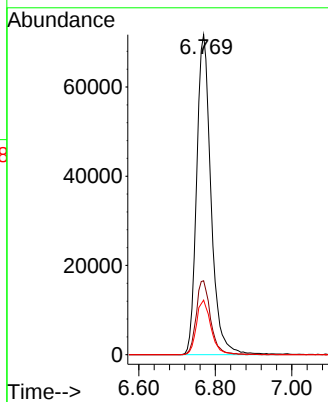
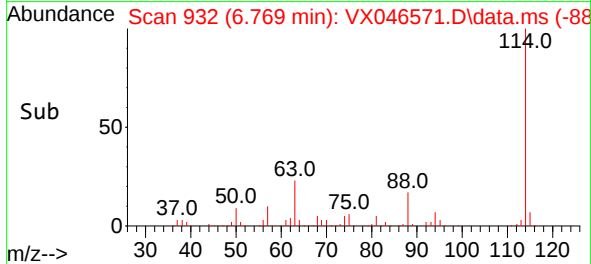
Instrument :
MSVOA_X
ClientSampleId :
TP-3



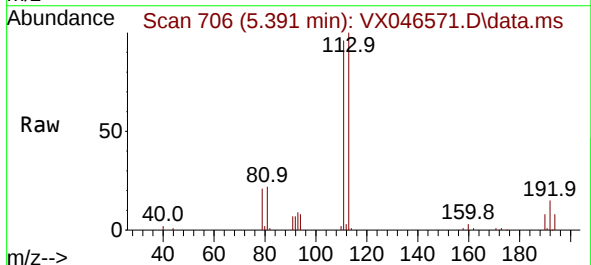
Tgt Ion:114 Resp: 186685
Ion Ratio Lower Upper
114 100
63 23.1 0.0 49.2
88 17.1 0.0 33.6

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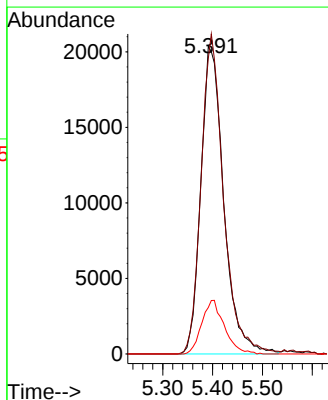
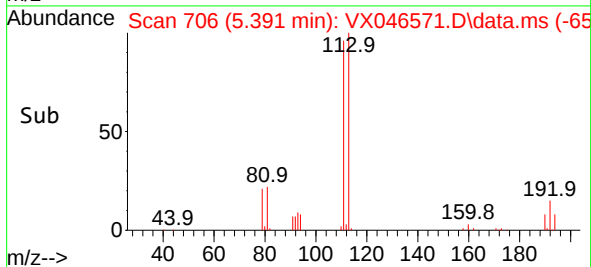
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

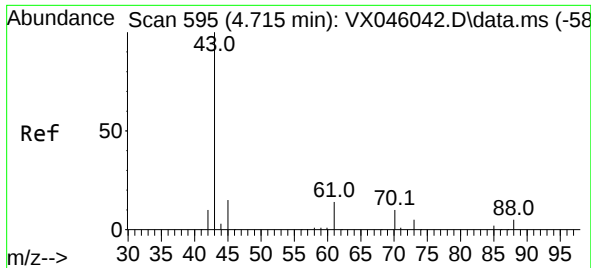


#35
Dibromofluoromethane
Concen: 47.433 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.012 min
Lab File: VX046571.D
Acq: 09 Jun 2025 12:16



Tgt Ion:113 Resp: 65120
Ion Ratio Lower Upper
113 100
111 101.5 83.1 124.7
192 17.2 13.3 19.9





#37

Ethyl Acetate

Concen: 3.131 ug/l m

RT: 4.745 min Scan# 600

Delta R.T. 0.012 min

Lab File: VX046571.D

Acq: 09 Jun 2025 12:16

Instrument :

MSVOA_X

ClientSampleId :

TP-3

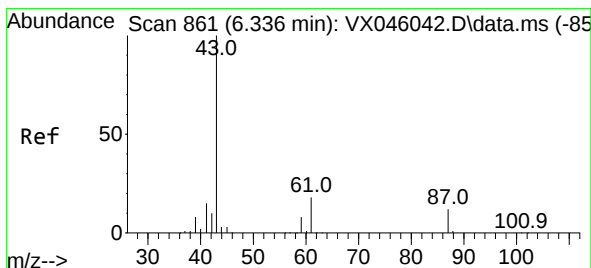
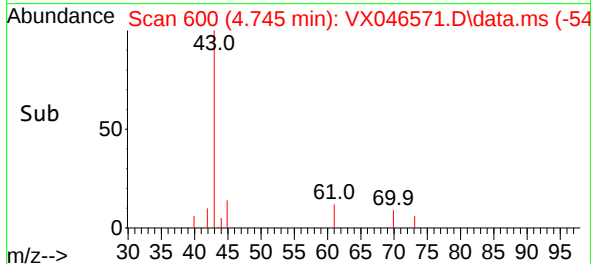
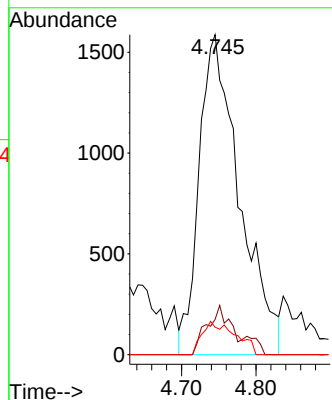
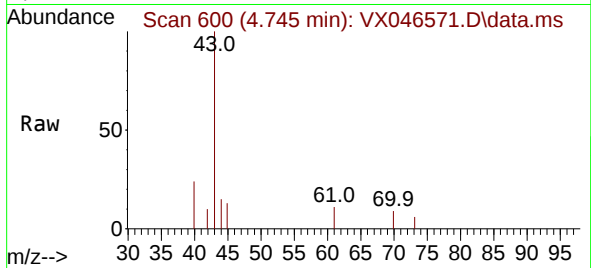
Tgt Ion: 43	Resp: 599
Ion Ratio	Lower Upper
43 100	
61 9.2	10.3 15.5
70 8.5	7.9 11.9

Manual Integrations

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Reviewed By :John Carlone 06/10/2025

Supervised By :Mahesh Dadoda 06/10/2025



#43

Isopropyl Acetate

Concen: 1.174 ug/l

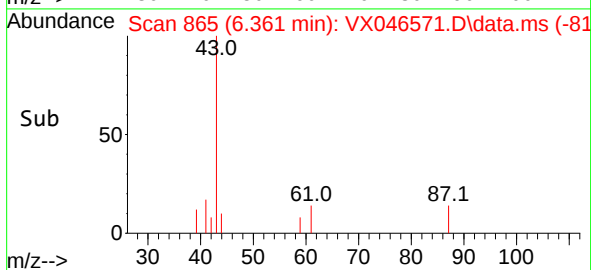
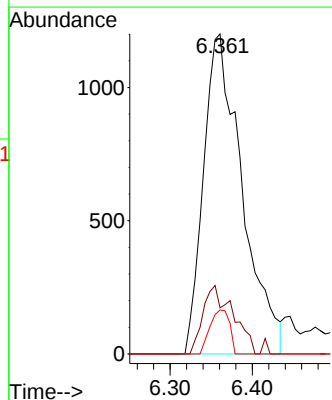
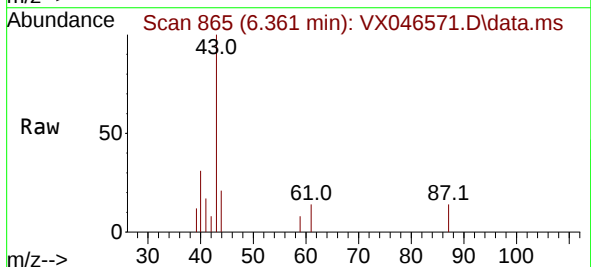
RT: 6.361 min Scan# 865

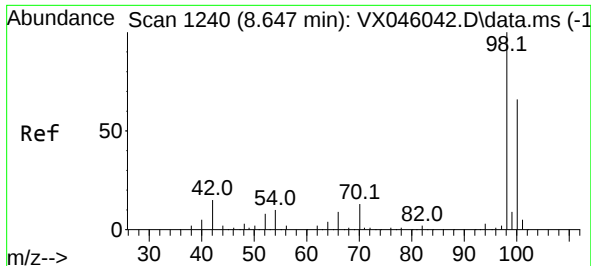
Delta R.T. 0.007 min

Lab File: VX046571.D

Acq: 09 Jun 2025 12:16

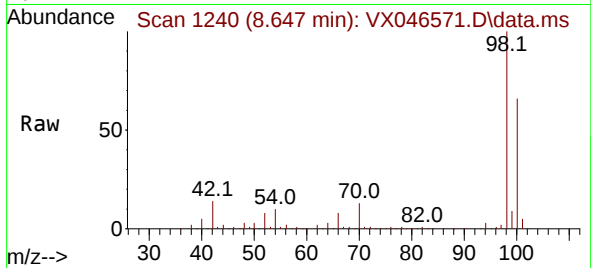
Tgt Ion: 43	Resp: 3916
Ion Ratio	Lower Upper
43 100	
61 16.7	14.3 21.5
87 6.9	9.5 14.3





#50
Toluene-d8
Concen: 51.292 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX046571.D
Acq: 09 Jun 2025 12:16

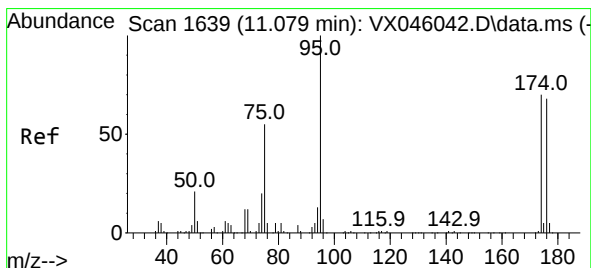
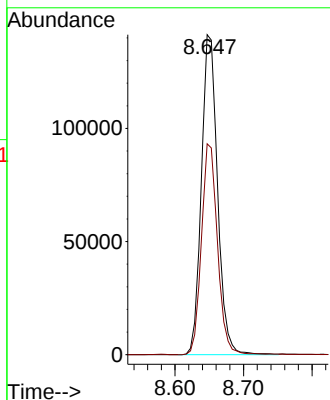
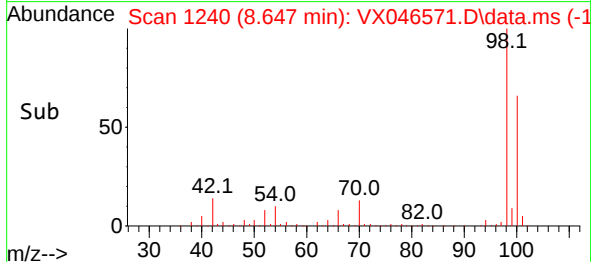
Instrument :
MSVOA_X
ClientSampleId :
TP-3



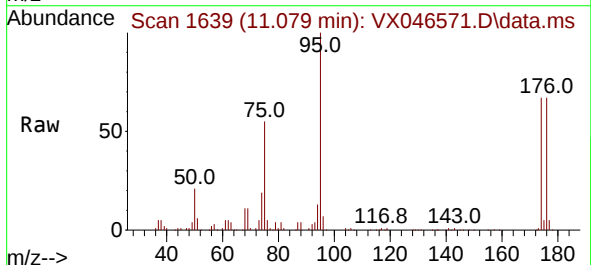
Tgt Ion: 98 Resp: 232158
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3

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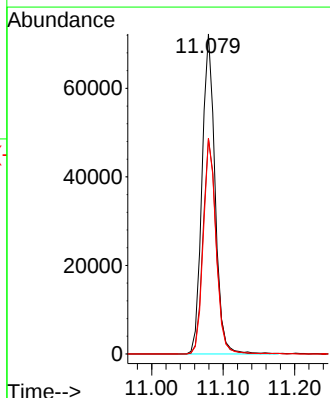
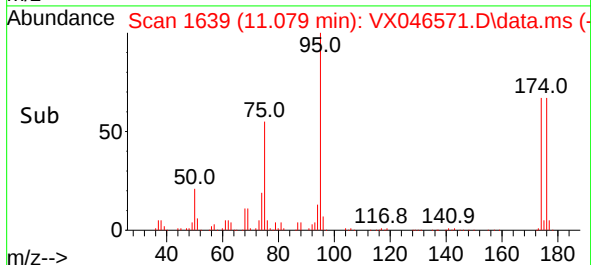
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

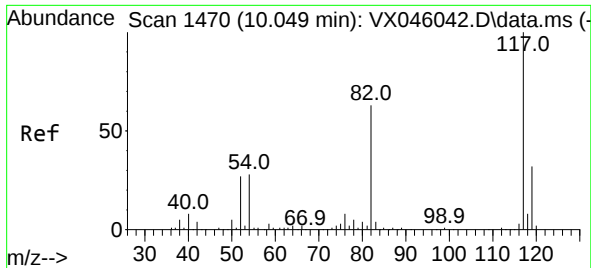


#62
4-Bromofluorobenzene
Concen: 48.757 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046571.D
Acq: 09 Jun 2025 12:16



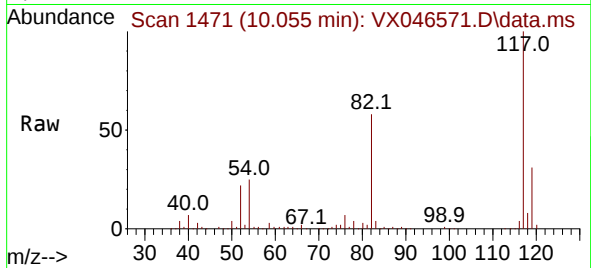
Tgt Ion: 95 Resp: 91307
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 65.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046571.D
Acq: 09 Jun 2025 12:16

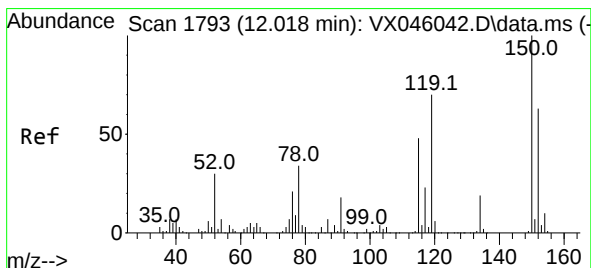
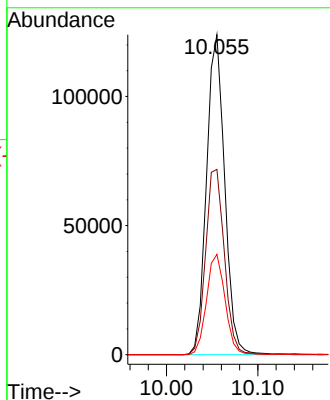
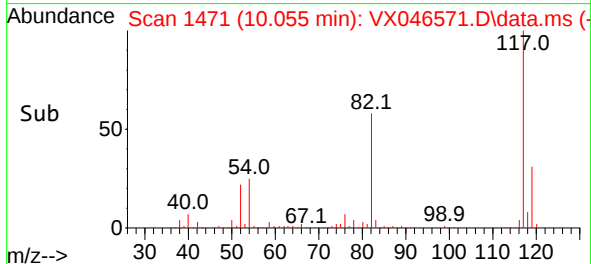
Instrument :
MSVOA_X
ClientSampleId :
TP-3



Tgt Ion:117 Resp: 17084
Ion Ratio Lower Upper
117 100
82 57.9 50.6 76.0
119 31.3 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: VX046571.D
Acq: 09 Jun 2025 12:16

Tgt Ion:152 Resp: 85291
Ion Ratio Lower Upper
152 100
115 63.6 46.9 140.7
150 155.5 0.0 351.0

