

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
 Data File : VX046572.D
 Acq On : 09 Jun 2025 12:37
 Operator : JC/MD
 Sample : Q2240-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2

Quant Time: Jun 10 01:41:29 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	111802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	199705	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96212	48.370	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.740%		
35) Dibromofluoromethane	5.397	113	69441	47.283	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.560%		
50) Toluene-d8	8.653	98	249299	51.488	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.980%		
62) 4-Bromofluorobenzene	11.079	95	97010	48.425	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.860%		
Target Compounds						Qvalue
8) Diethyl Ether	2.148	74	24852	30.185	ug/l	91
16) Acetone	2.386	43	16622	25.484	ug/l	93
18) Methyl Acetate	2.721	43	9626	4.063	ug/l	98
20) Methylene Chloride	2.806	84	2784	1.745	ug/l #	87
37) Ethyl Acetate	4.751	43	5552m	2.712	ug/l	
43) Isopropyl Acetate	6.361	43	3903m	1.093	ug/l	

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

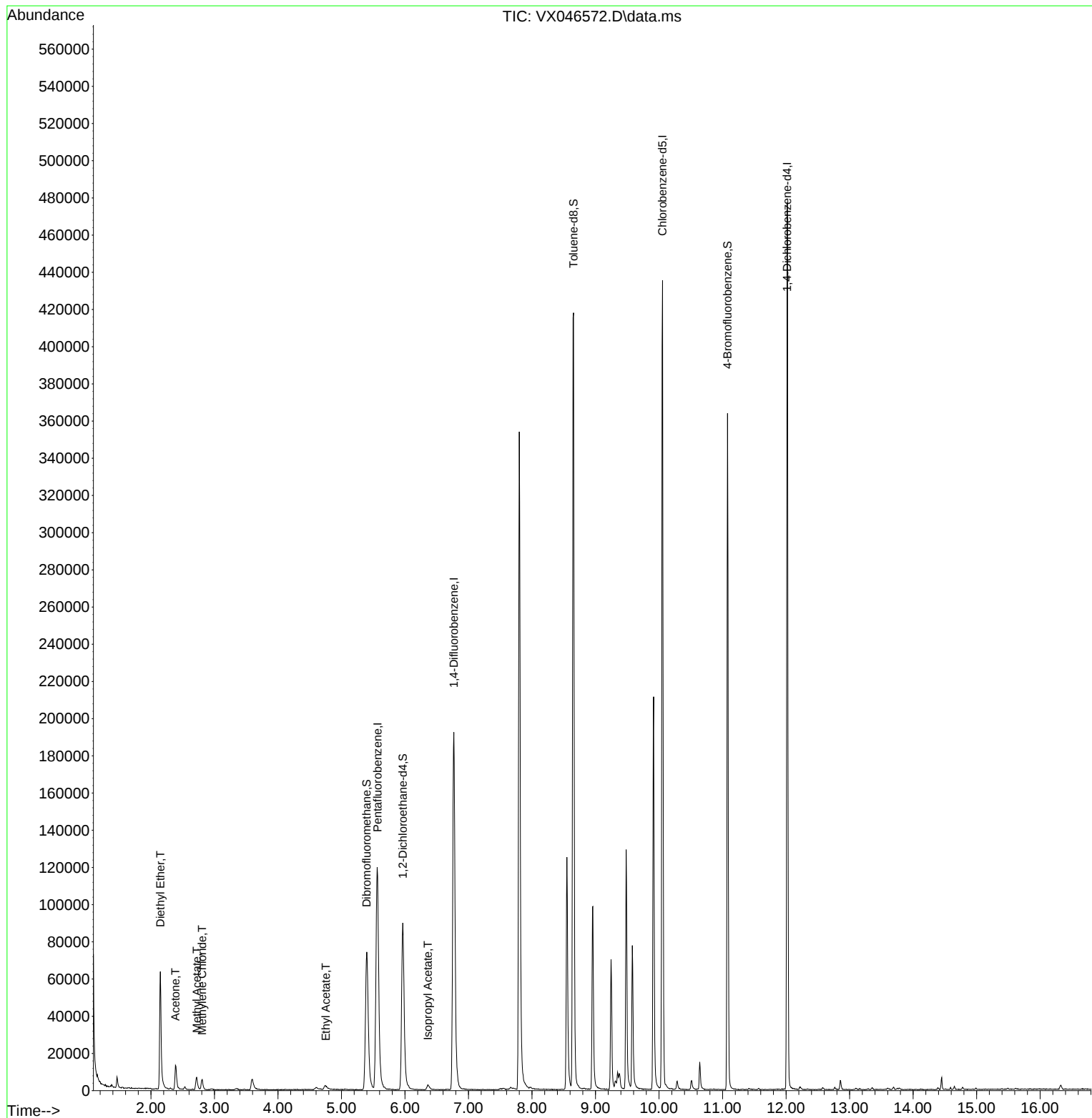
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
Data File : VX046572.D
Acq On : 09 Jun 2025 12:37
Operator : JC/MD
Sample : Q2240-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

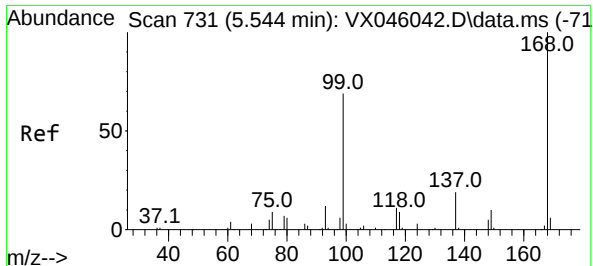
Instrument :
MSVOA_X
ClientSampleId :
TP-2

Quant Time: Jun 10 01:41:29 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

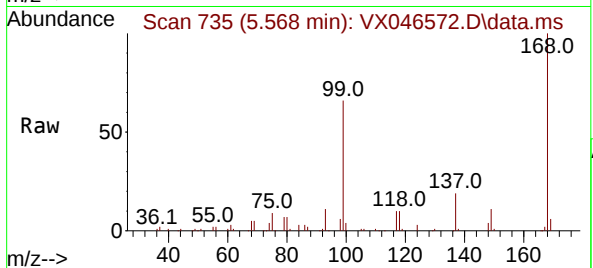
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046572.D
Acq: 09 Jun 2025 12:37

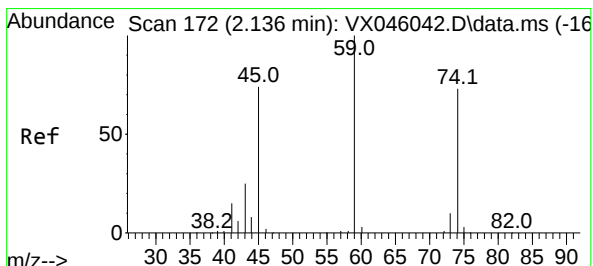
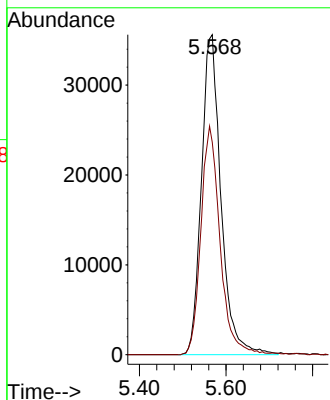
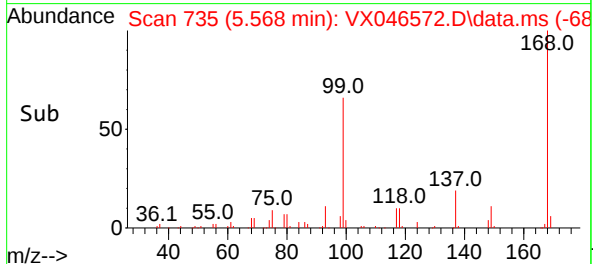
Instrument :
MSVOA_X
ClientSampleId :
TP-2



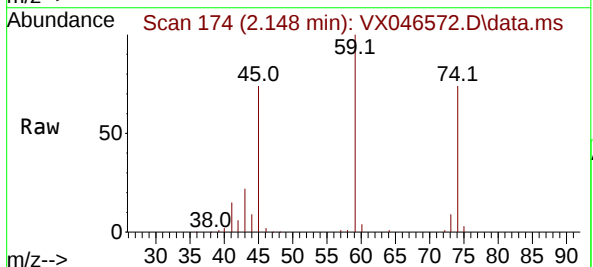
Tgt Ion:168 Resp: 11180
Ion Ratio Lower Upper
168 100
99 66.4 54.9 82.3

Manual Integrations
APPROVED

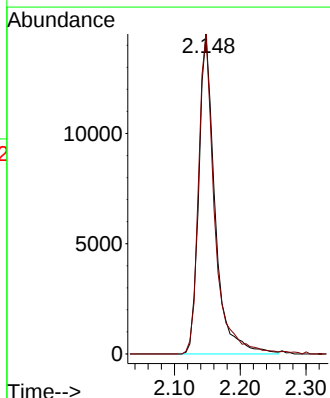
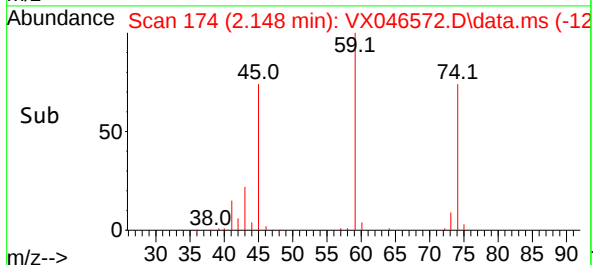
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

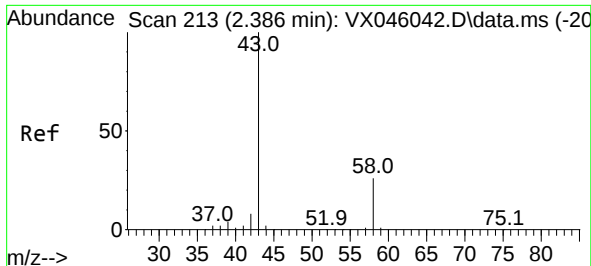


#8
Diethyl Ether
Concen: 30.185 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046572.D
Acq: 09 Jun 2025 12:37



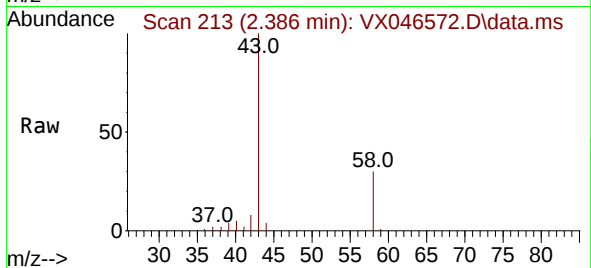
Tgt Ion: 74 Resp: 24852
Ion Ratio Lower Upper
74 100
45 100.0 54.9 164.8





#16
Acetone
Concen: 25.484 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046572.D
Acq: 09 Jun 2025 12:37

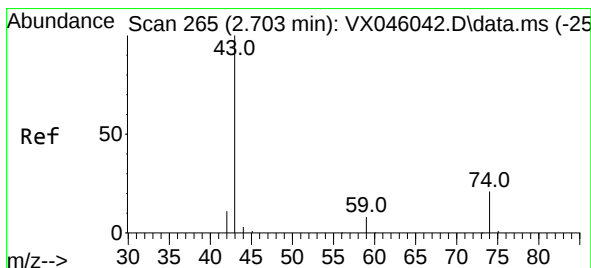
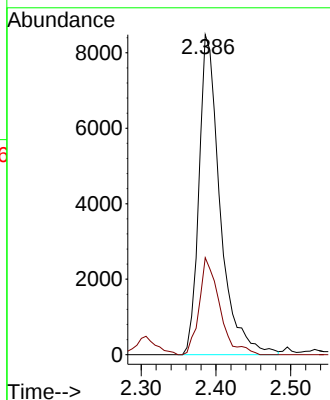
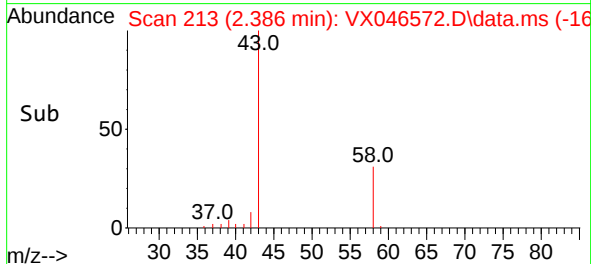
Instrument :
MSVOA_X
ClientSampleId :
TP-2



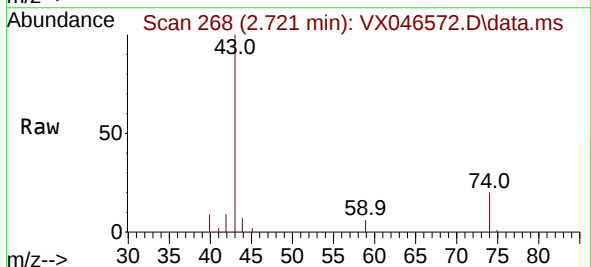
Tgt Ion: 43 Resp: 1662
Ion Ratio Lower Upper
43 100
58 30.3 21.2 31.8

Manual Integrations
APPROVED

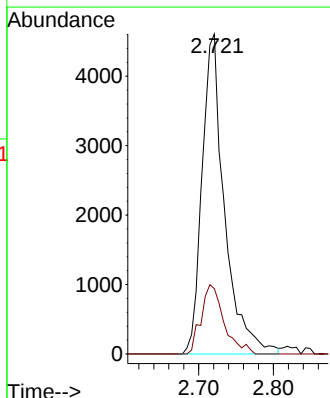
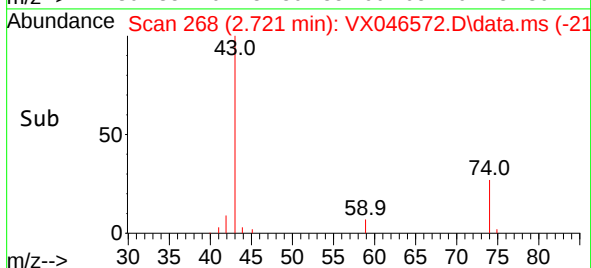
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#18
Methyl Acetate
Concen: 4.063 ug/l
RT: 2.721 min Scan# 268
Delta R.T. -0.000 min
Lab File: VX046572.D
Acq: 09 Jun 2025 12:37



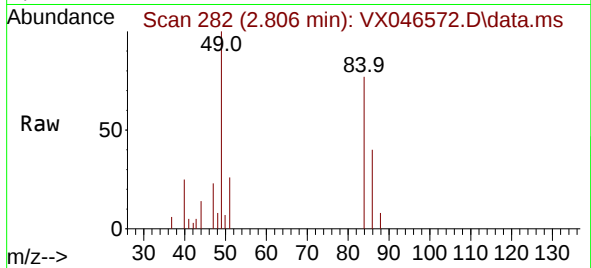
Tgt Ion: 43 Resp: 9626
Ion Ratio Lower Upper
43 100
74 22.0 16.7 25.1





#20
Methylene Chloride
Concen: 1.745 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046572.D
Acq: 09 Jun 2025 12:37

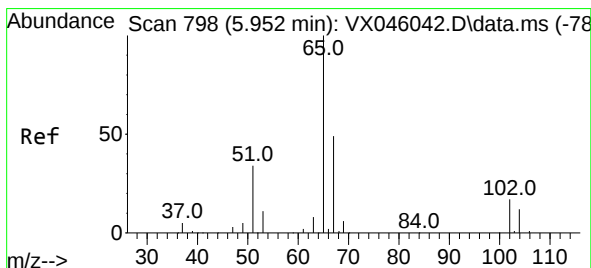
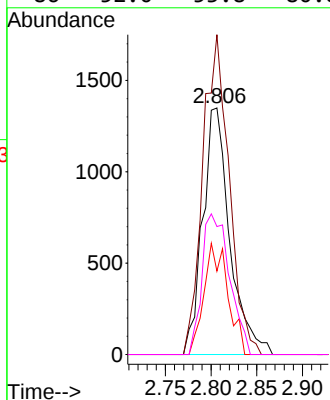
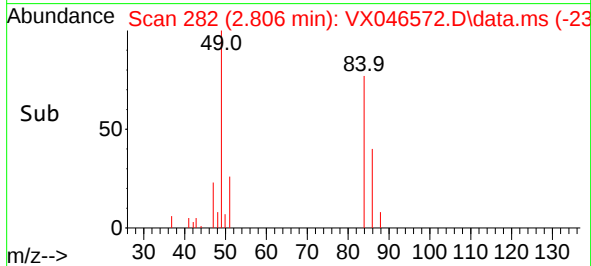
Instrument :
MSVOA_X
ClientSampleId :
TP-2



Tgt Ion: 84 Resp: 2784
Ion Ratio Lower Upper
84 100
49 129.7 113.9 170.9
51 33.8 33.5 50.3
86 52.0 53.8 80.8#

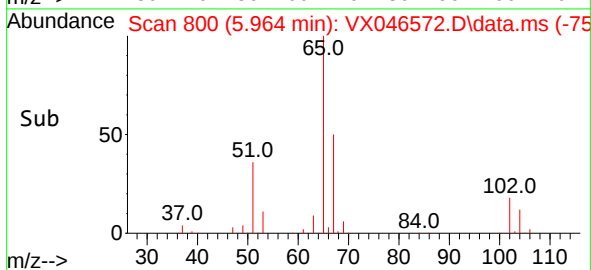
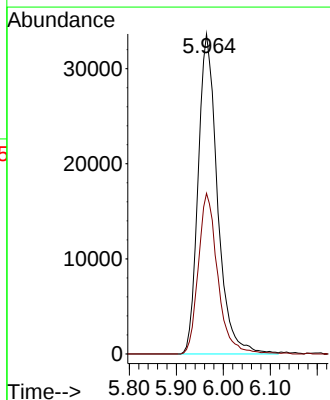
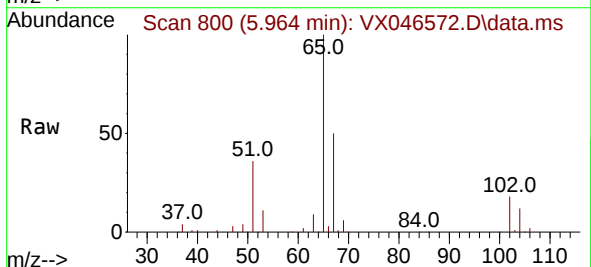
Manual Integrations
APPROVED

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



#33
1,2-Dichloroethane-d4
Concen: 48.370 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046572.D
Acq: 09 Jun 2025 12:37

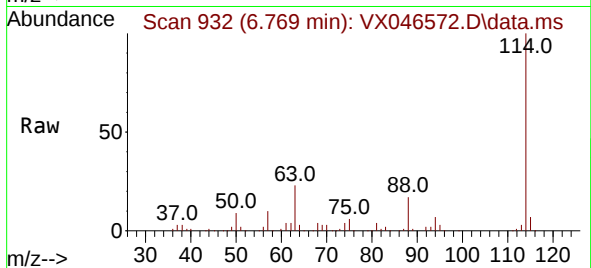
Tgt Ion: 65 Resp: 96212
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046572.D
Acq: 09 Jun 2025 12:37

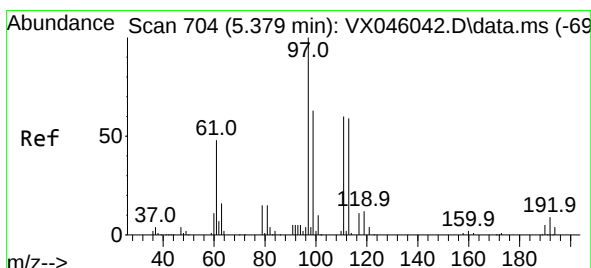
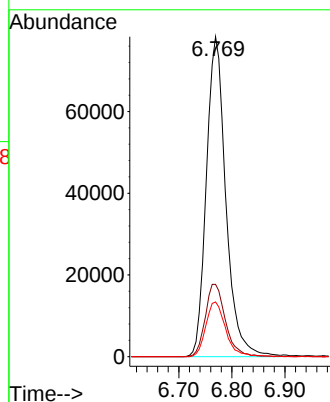
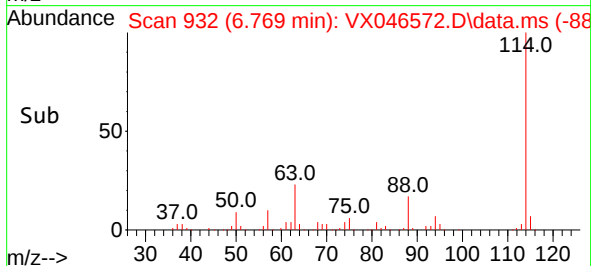
Instrument :
MSVOA_X
ClientSampleId :
TP-2



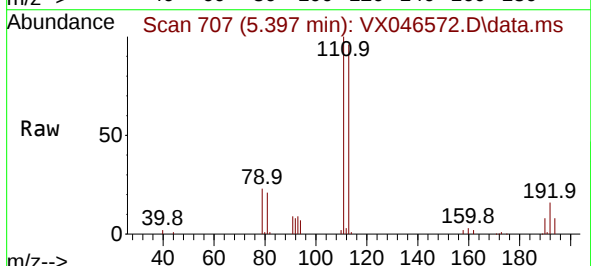
Tgt Ion:114 Resp: 199708
Ion Ratio Lower Upper
114 100
63 22.6 0.0 49.2
88 17.1 0.0 33.6

Manual Integrations
APPROVED

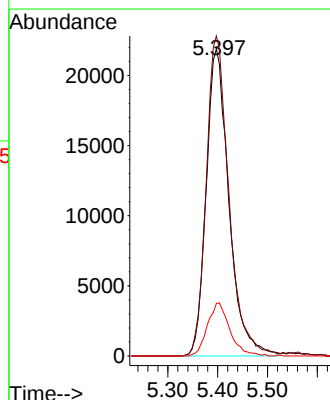
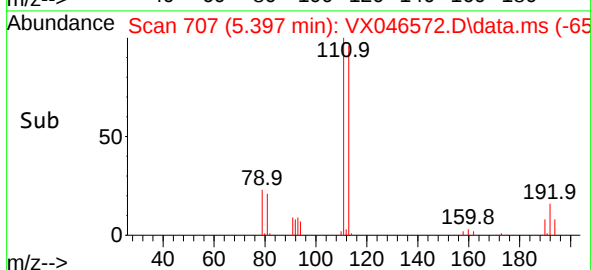
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

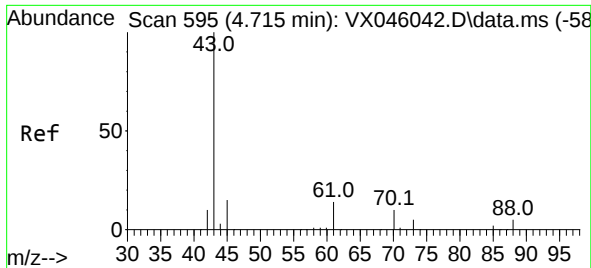


#35
Dibromofluoromethane
Concen: 47.283 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046572.D
Acq: 09 Jun 2025 12:37



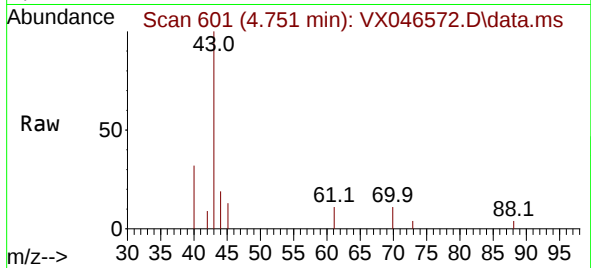
Tgt Ion:113 Resp: 69441
Ion Ratio Lower Upper
113 100
111 103.7 83.1 124.7
192 17.0 13.3 19.9





#37
Ethyl Acetate
Concen: 2.712 ug/l m
RT: 4.751 min Scan# 601
Delta R.T. 0.018 min
Lab File: VX046572.D
Acq: 09 Jun 2025 12:37

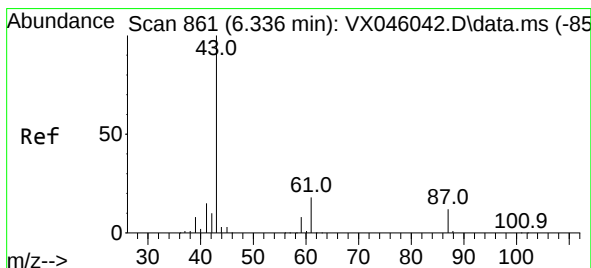
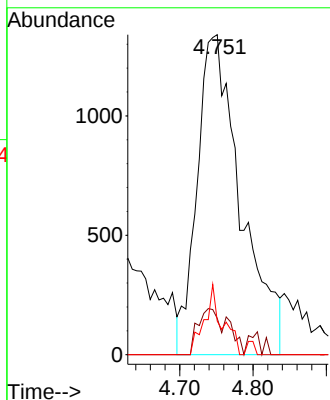
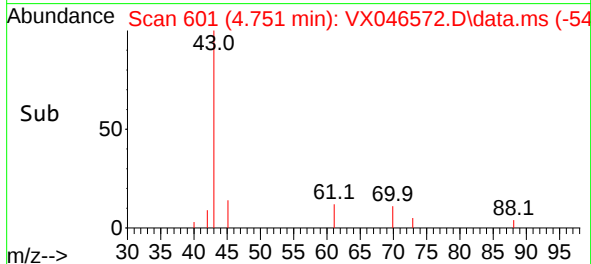
Instrument :
MSVOA_X
ClientSampleId :
TP-2



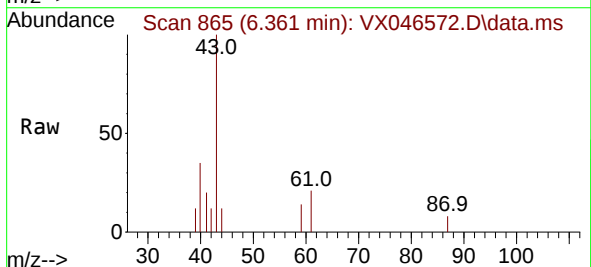
Tgt Ion: 43 Resp: 555
Ion Ratio Lower Upper
43 100
61 6.9 10.3 15.5
70 8.9 7.9 11.9

Manual Integrations
APPROVED

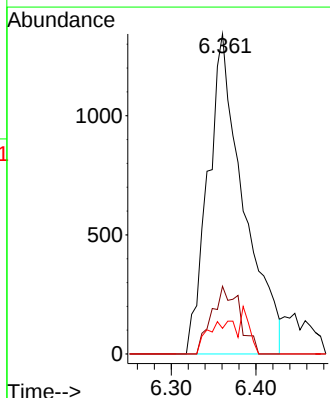
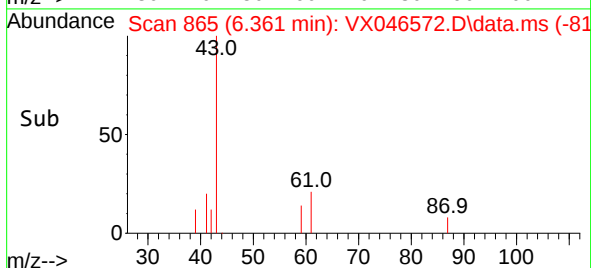
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

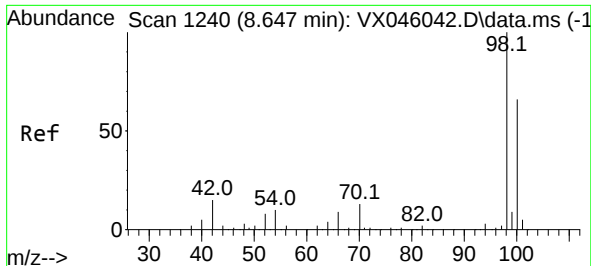


#43
Isopropyl Acetate
Concen: 1.093 ug/l m
RT: 6.361 min Scan# 865
Delta R.T. 0.007 min
Lab File: VX046572.D
Acq: 09 Jun 2025 12:37



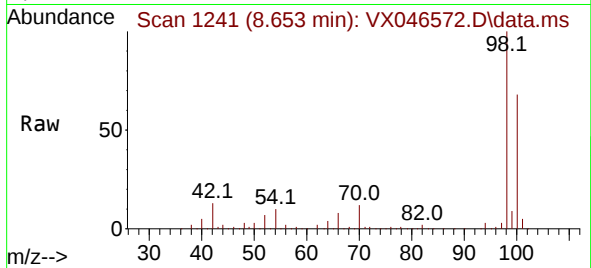
Tgt Ion: 43 Resp: 3903
Ion Ratio Lower Upper
43 100
61 16.8 14.3 21.5
87 8.0 9.5 14.3#





#50
Toluene-d8
Concen: 51.488 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046572.D
Acq: 09 Jun 2025 12:37

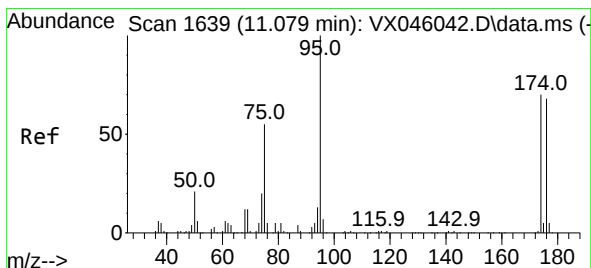
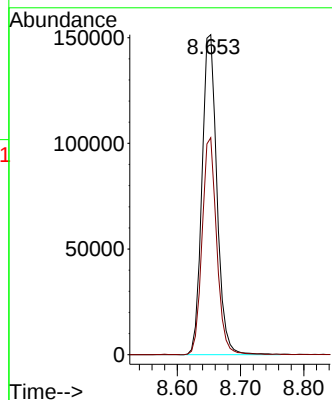
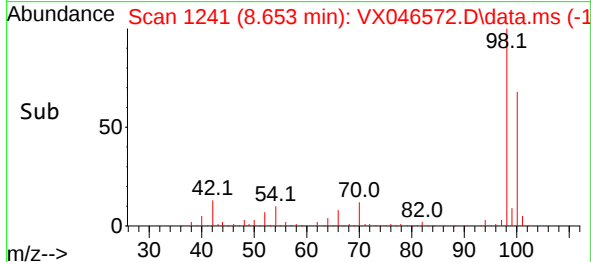
Instrument :
MSVOA_X
ClientSampleId :
TP-2



Tgt Ion: 98 Resp: 249299
Ion Ratio Lower Upper
98 100
100 66.3 53.5 80.3

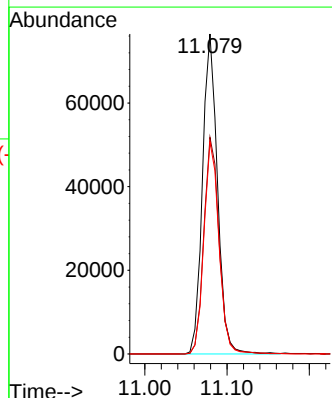
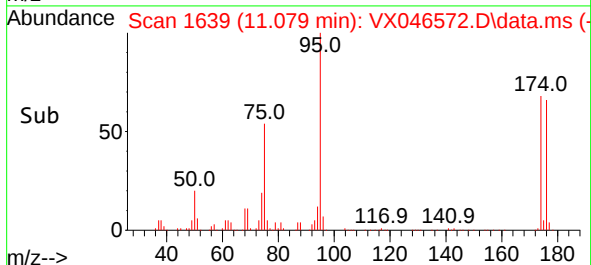
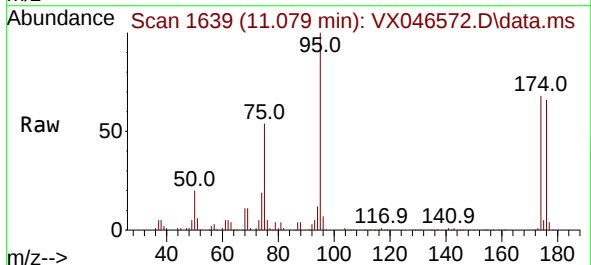
Manual Integrations
APPROVED

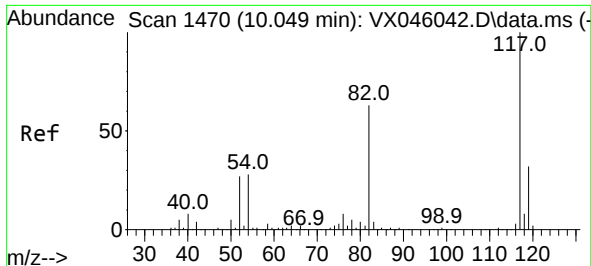
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#62
4-Bromofluorobenzene
Concen: 48.425 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046572.D
Acq: 09 Jun 2025 12:37

Tgt Ion: 95 Resp: 97010
Ion Ratio Lower Upper
95 100
174 69.3 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: VX046572.D

Acq: 09 Jun 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

TP-2

Tgt Ion:117 Resp: 18373

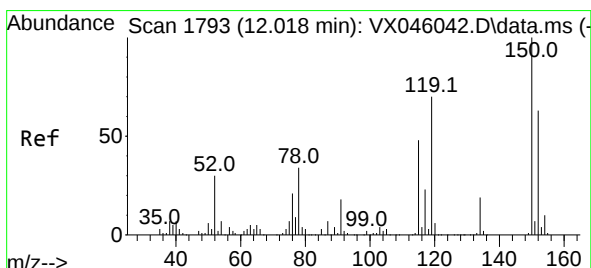
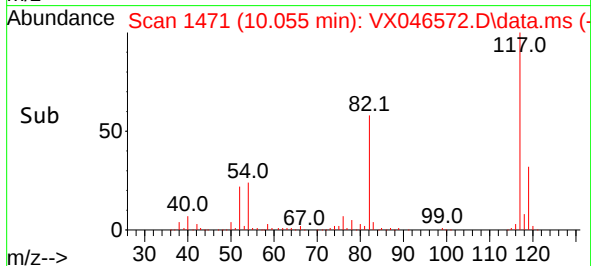
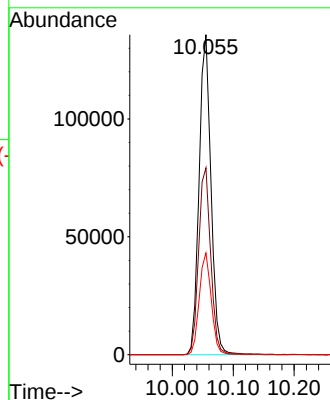
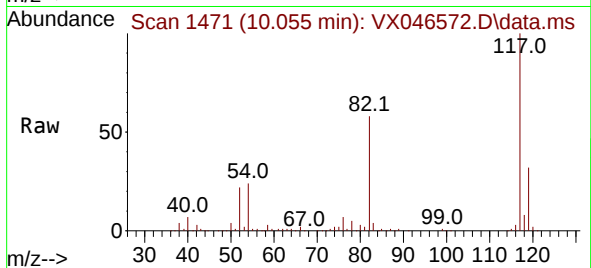
Ion	Ratio	Lower	Upper
117	100		
82	58.4	50.6	76.0
119	31.8	25.8	38.6

Manual Integrations

APPROVED

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: VX046572.D

Acq: 09 Jun 2025 12:37

Tgt Ion:152 Resp: 89206

Ion	Ratio	Lower	Upper
152	100		
115	66.7	46.9	140.7
150	156.7	0.0	351.0

