

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046651.D
 Acq On : 11 Jun 2025 20:26
 Operator : JC/MD
 Sample : Q2280-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-210

Quant Time: Jun 12 02:37:45 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 06/12/2025
 Supervised By : Mahesh Dadoda 06/12/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	121242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	226103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	129063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	88988	41.255	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.520%		
35) Dibromofluoromethane	5.403	113	82446	49.584	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.160%		
50) Toluene-d8	8.653	98	307056	56.013	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	112.020%		
62) 4-Bromofluorobenzene	11.079	95	129178	56.954	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	113.900%		
Target Compounds						
						Qvalue
16) Acetone	2.398	43	13551	20.299	ug/l	95
18) Methyl Acetate	2.721	43	9963	3.878	ug/l	99
20) Methylene Chloride	2.806	84	4021	2.324	ug/l	89
37) Ethyl Acetate	4.757	43	4500m	1.941	ug/l	

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

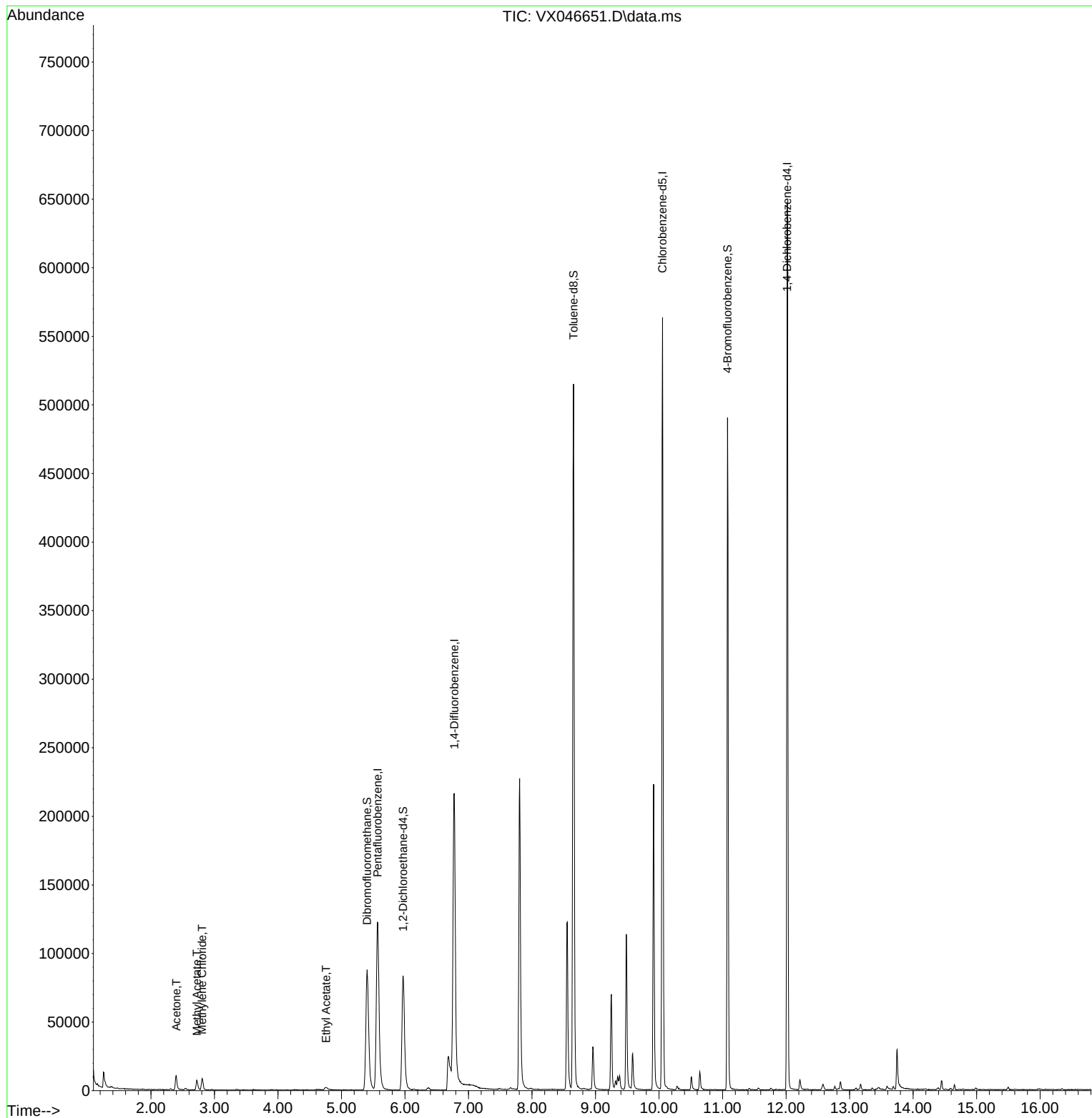
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046651.D
Acq On : 11 Jun 2025 20:26
Operator : JC/MD
Sample : Q2280-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

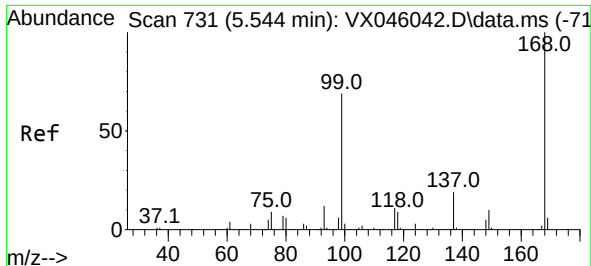
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

Quant Time: Jun 12 02:37:45 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

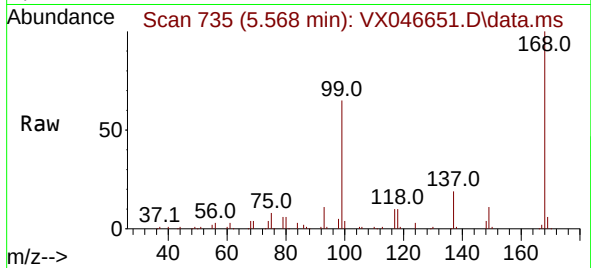
Reviewed By : John Carlone 06/12/2025
Supervised By : Mahesh Dadoda 06/12/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046651.D
Acq: 11 Jun 2025 20:26

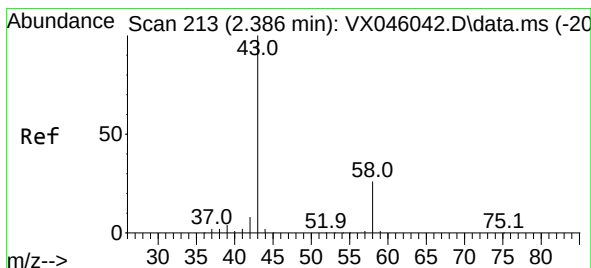
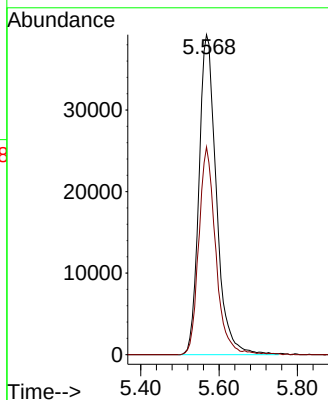
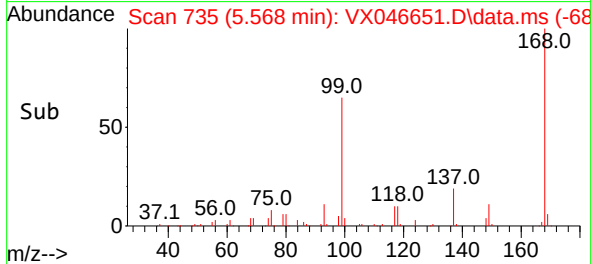
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210



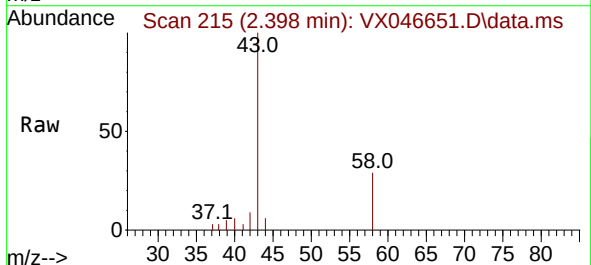
Tgt Ion:168 Resp: 12124
Ion Ratio Lower Upper
168 100
99 64.9 54.9 82.3

Manual Integrations
APPROVED

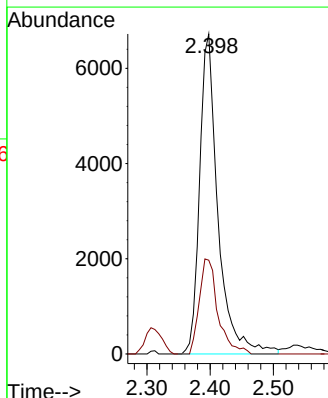
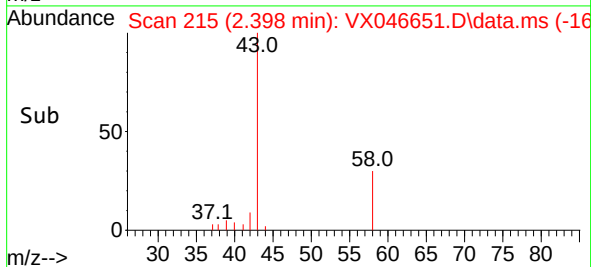
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

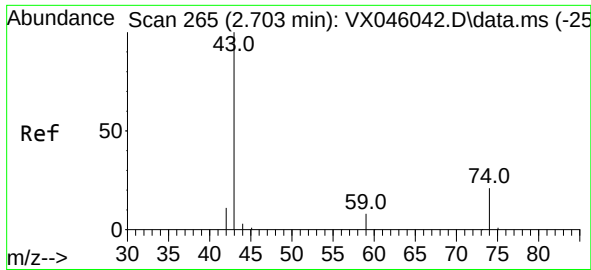


#16
Acetone
Concen: 20.299 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046651.D
Acq: 11 Jun 2025 20:26



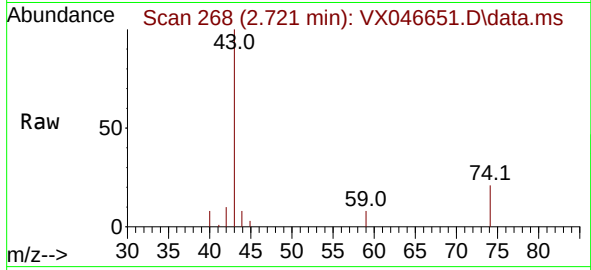
Tgt Ion: 43 Resp: 13551
Ion Ratio Lower Upper
43 100
58 29.3 21.2 31.8





#18
Methyl Acetate
Concen: 3.878 ug/l
RT: 2.721 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX046651.D
Acq: 11 Jun 2025 20:26

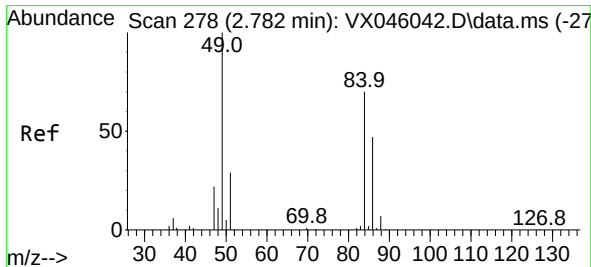
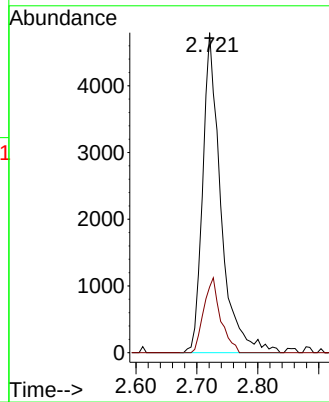
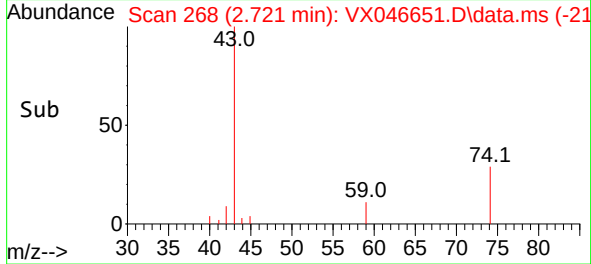
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210



Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1

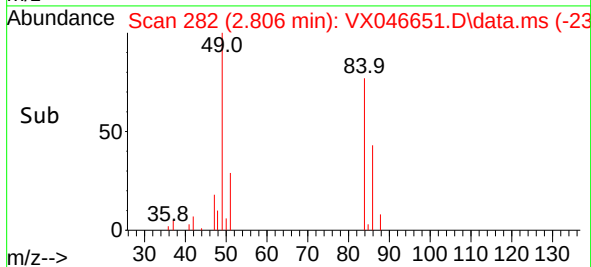
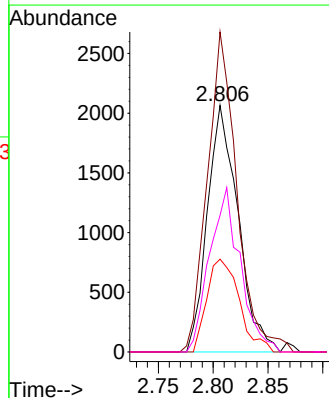
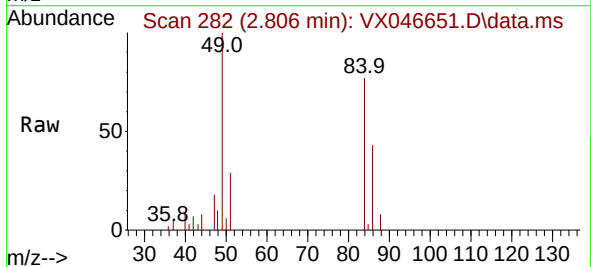
Manual Integrations
APPROVED

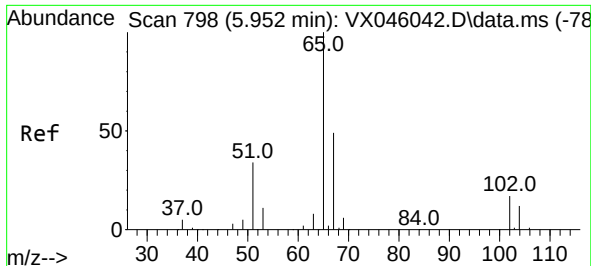
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#20
Methylene Chloride
Concen: 2.324 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046651.D
Acq: 11 Jun 2025 20:26

Tgt Ion: 84 Resp: 4021
Ion Ratio Lower Upper
84 100
49 129.8 113.9 170.9
51 37.7 33.5 50.3
86 55.4 53.8 80.8





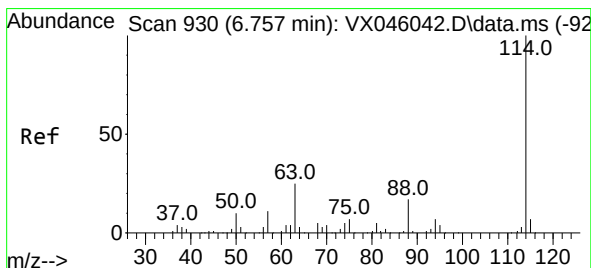
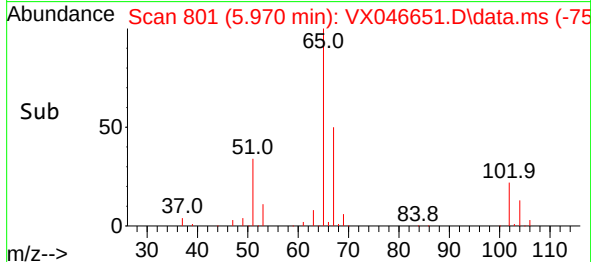
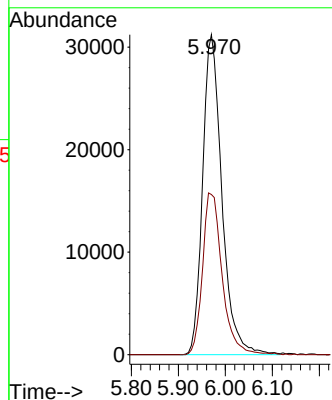
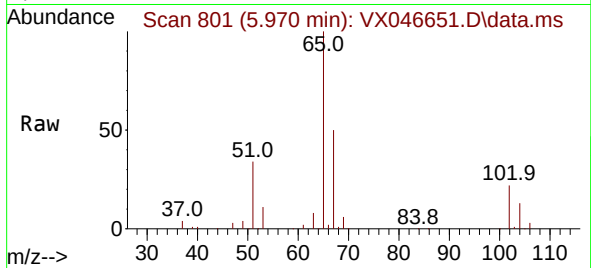
#33
 1,2-Dichloroethane-d4
 Concen: 41.255 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: VX046651.D
 Acq: 11 Jun 2025 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-210

Tgt Ion: 65 Resp: 88988
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 99.0

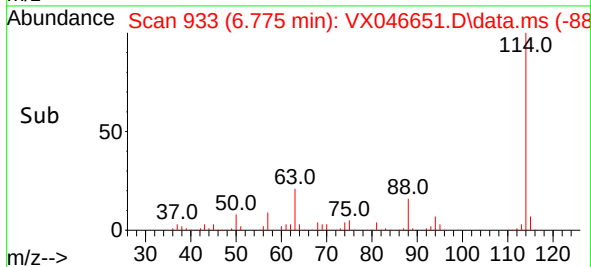
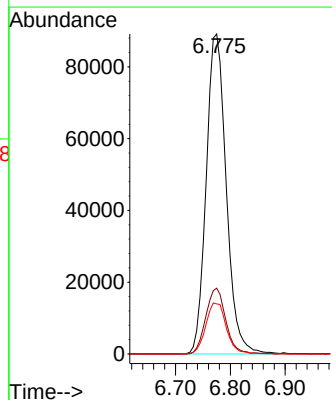
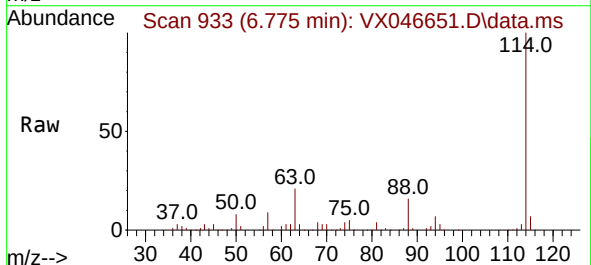
Manual Integrations
 APPROVED

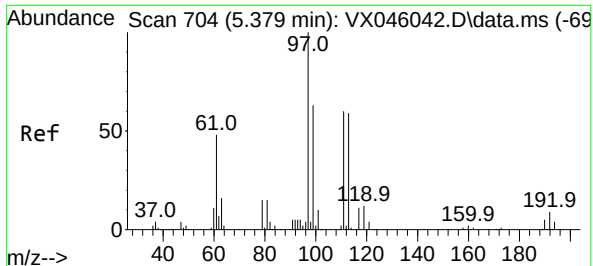
Reviewed By :John Carlone 06/12/2025
 Supervised By :Mahesh Dadoda 06/12/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.775 min Scan# 933
 Delta R.T. 0.000 min
 Lab File: VX046651.D
 Acq: 11 Jun 2025 20:26

Tgt Ion:114 Resp: 226103
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 49.2
 88 15.6 0.0 33.6





#35

Dibromofluoromethane

Concen: 49.584 ug/l

RT: 5.403 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046651.D

Acq: 11 Jun 2025 20:26

Instrument :

MSVOA_X

ClientSampleId :

VNJ-210

Tgt Ion: 113 Resp: 8244

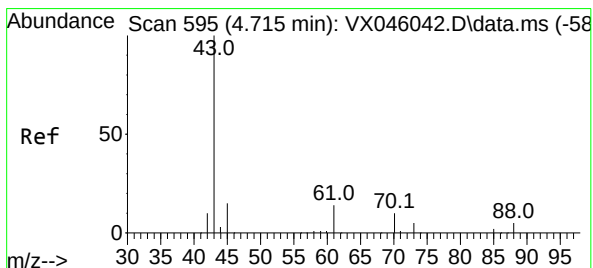
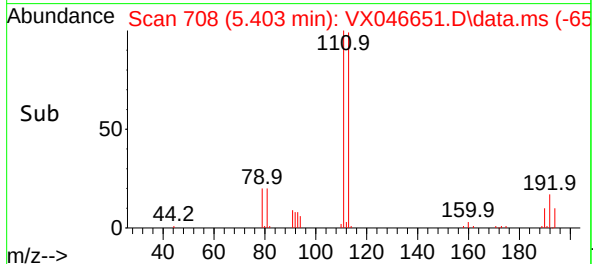
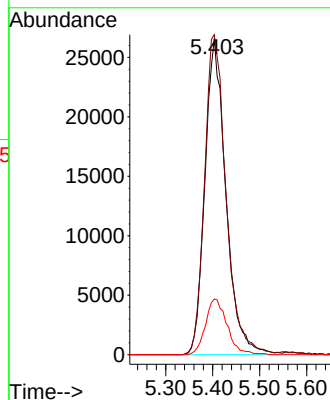
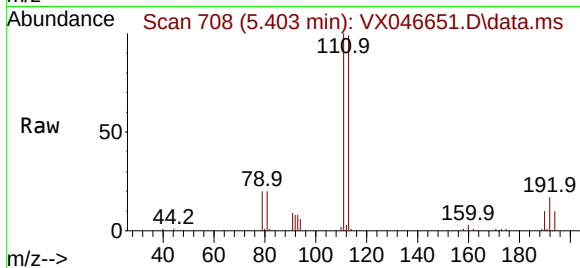
Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.1	124.7
192	18.1	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#37

Ethyl Acetate

Concen: 1.941 ug/l m

RT: 4.757 min Scan# 602

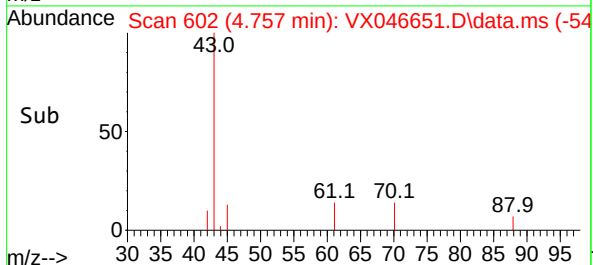
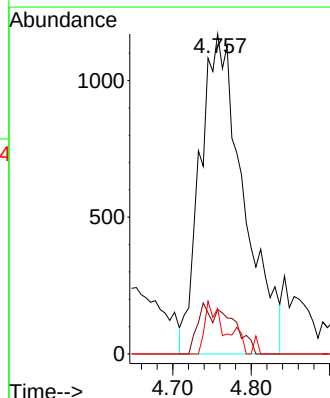
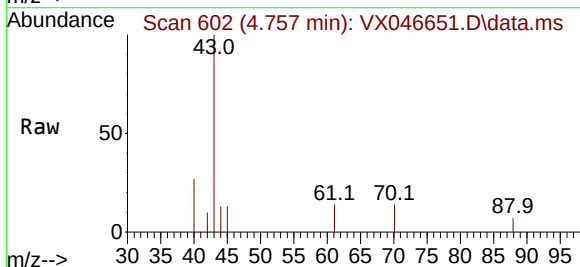
Delta R.T. 0.024 min

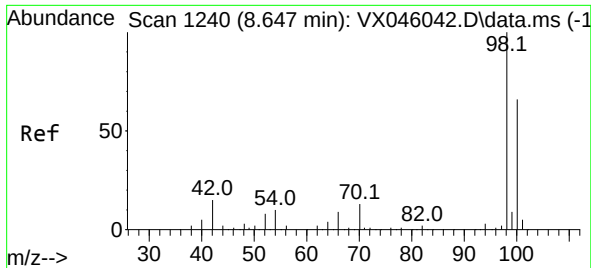
Lab File: VX046651.D

Acq: 11 Jun 2025 20:26

Tgt Ion: 43 Resp: 4500

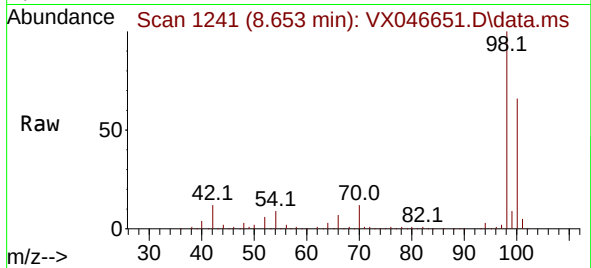
Ion	Ratio	Lower	Upper
43	100		
61	5.2	10.3	15.5#
70	6.3	7.9	11.9#





#50
Toluene-d8
Concen: 56.013 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046651.D
Acq: 11 Jun 2025 20:26

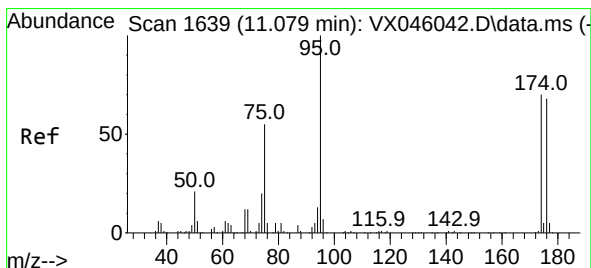
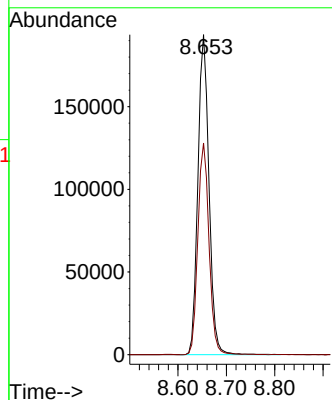
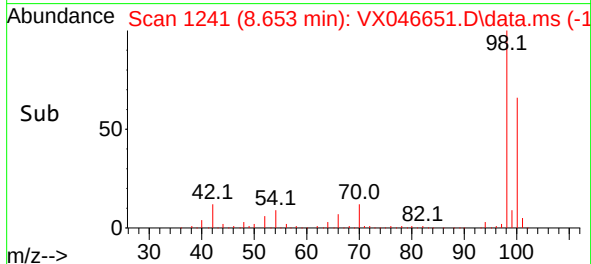
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210



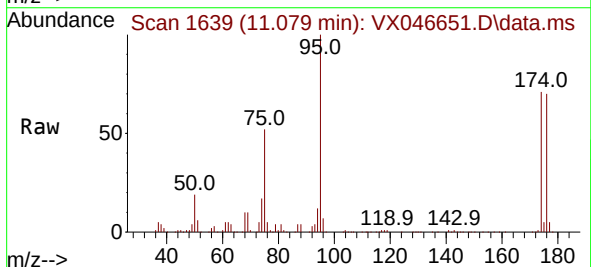
Tgt Ion: 98 Resp: 307050
Ion Ratio Lower Upper
98 100
100 66.7 53.5 80.3

Manual Integrations
APPROVED

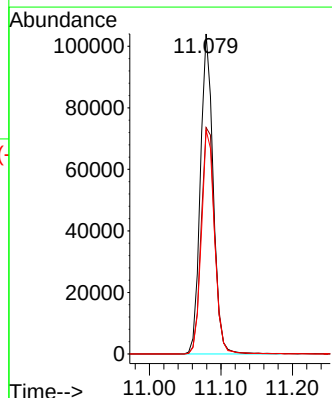
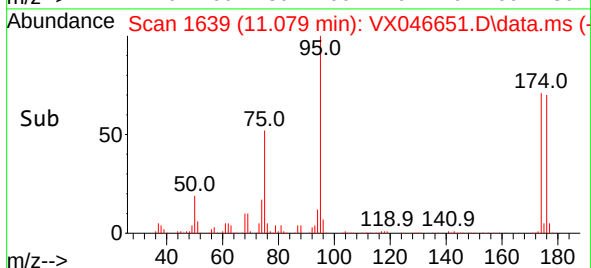
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

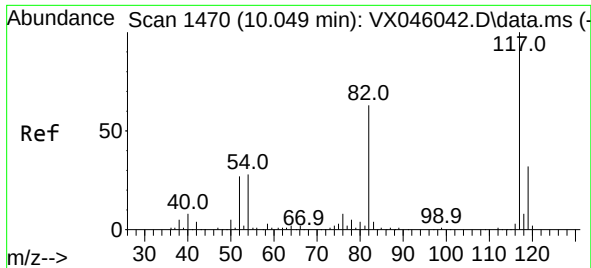


#62
4-Bromofluorobenzene
Concen: 56.954 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046651.D
Acq: 11 Jun 2025 20:26



Tgt Ion: 95 Resp: 129178
Ion Ratio Lower Upper
95 100
174 75.1 0.0 135.8
176 71.7 0.0 131.4





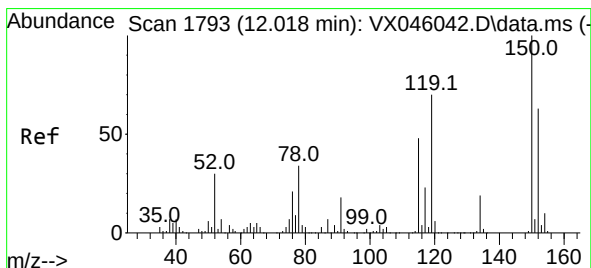
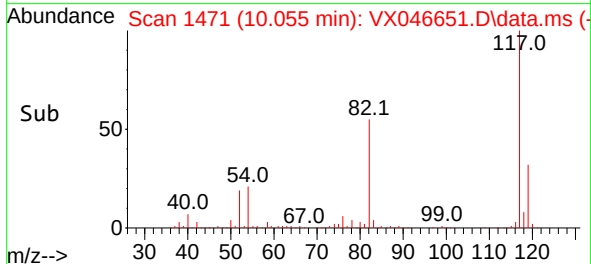
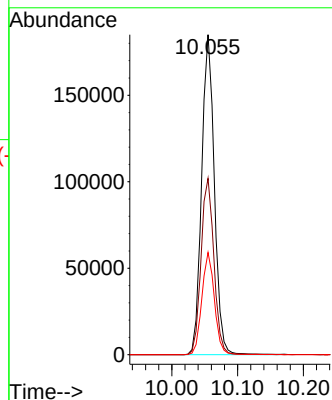
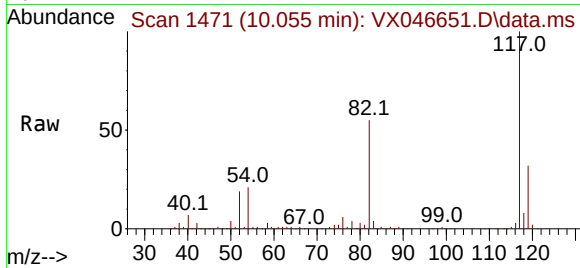
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046651.D
Acq: 11 Jun 2025 20:26

Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

Tgt Ion:117 Resp: 248763
Ion Ratio Lower Upper
117 100
82 55.1 50.6 76.0
119 32.0 25.8 38.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046651.D
Acq: 11 Jun 2025 20:26

Tgt Ion:152 Resp: 129063
Ion Ratio Lower Upper
152 100
115 62.0 46.9 140.7
150 156.3 0.0 351.0

