

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046539.D
 Acq On : 06 Jun 2025 19:35
 Operator : JC/MD
 Sample : Q2208-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-703-COMP-06

Quant Time: Jun 06 23:26:14 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 06/09/2025
 Supervised By : Mahesh Dadoda 06/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	115409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	229513	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.977	65	102313	49.830	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.660%		
35) Dibromofluoromethane	5.404	113	75002	44.437	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.880%		
50) Toluene-d8	8.653	98	289604	52.044	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.080%		
62) 4-Bromofluorobenzene	11.079	95	132218	57.428	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	114.860%		
Target Compounds						
						Qvalue
8) Diethyl Ether	2.154	74	31878	37.509	ug/l	94
16) Acetone	2.398	43	17068	25.374	ug/l	100
18) Methyl Acetate	2.721	43	12831	5.246	ug/l	100
20) Methylene Chloride	2.806	84	2848	1.729	ug/l #	88
37) Ethyl Acetate	4.751	43	8917m	3.790	ug/l	
43) Isopropyl Acetate	6.361	43	5109	1.245	ug/l	97

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

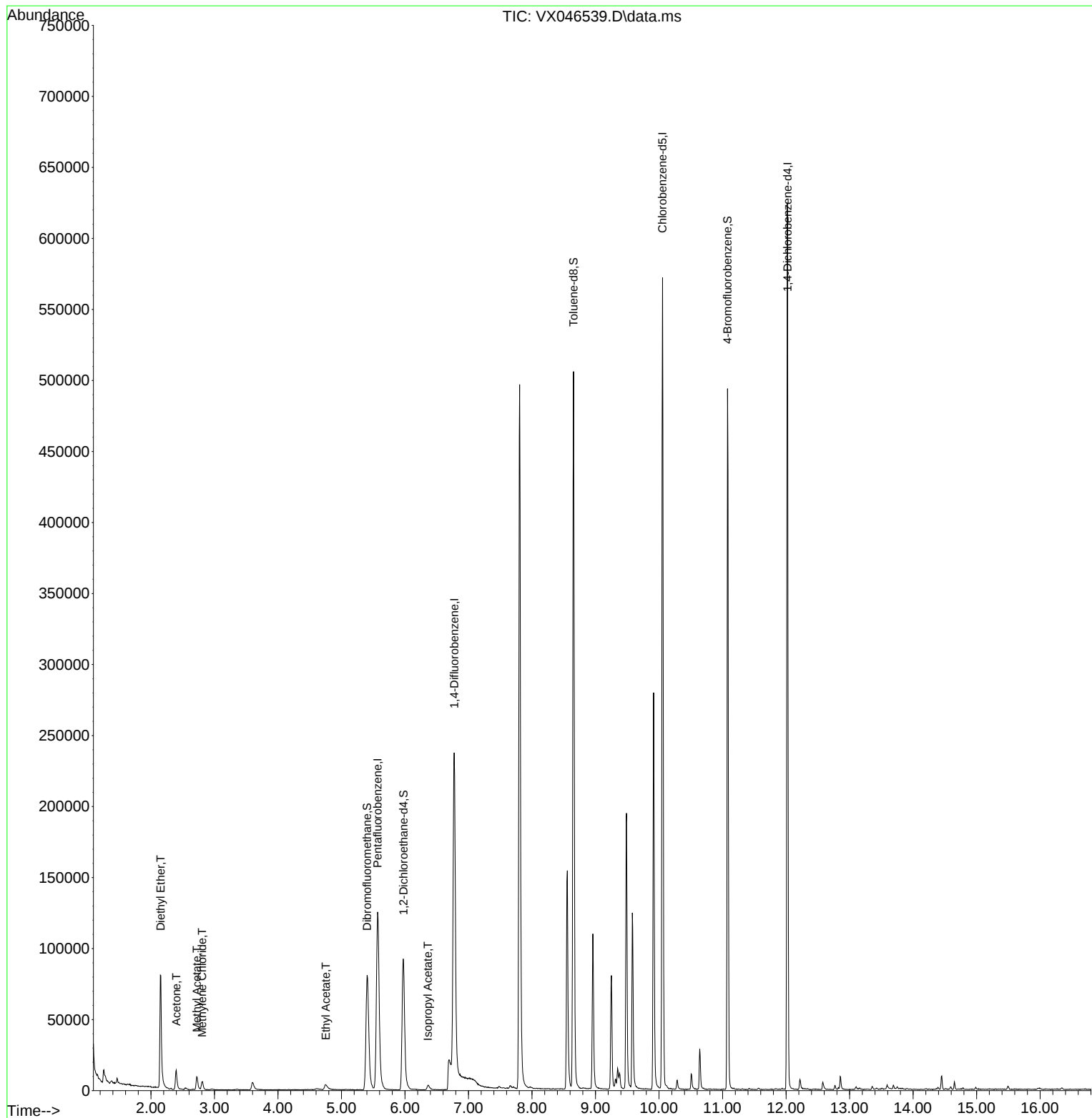
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046539.D
Acq On : 06 Jun 2025 19:35
Operator : JC/MD
Sample : Q2208-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

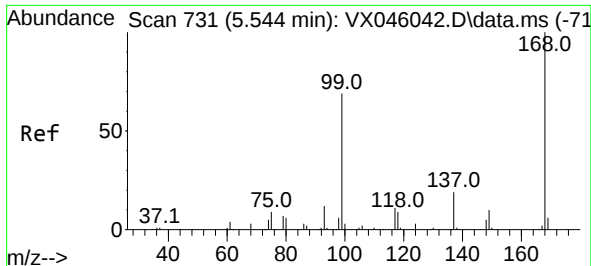
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-06

Quant Time: Jun 06 23:26:14 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

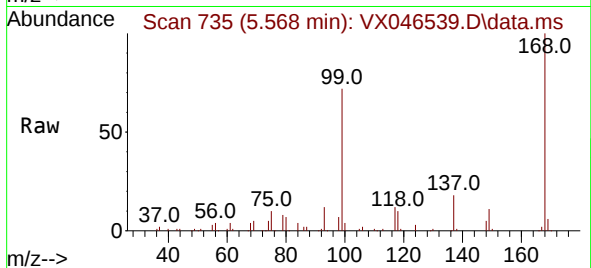
Reviewed By : John Carlone 06/09/2025
Supervised By : Mahesh Dadoda 06/09/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046539.D
Acq: 06 Jun 2025 19:35

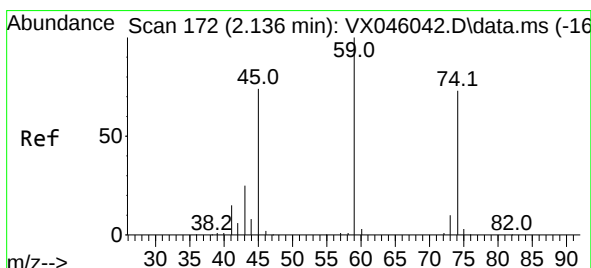
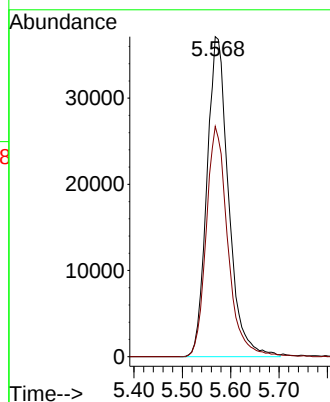
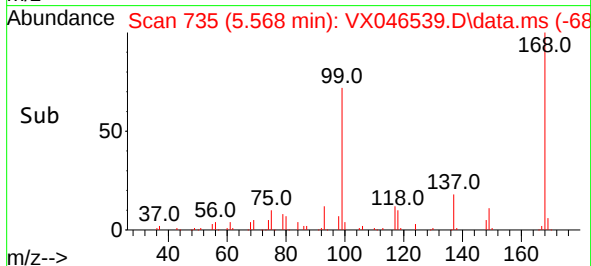
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-06



Tgt Ion:168 Resp: 115409
Ion Ratio Lower Upper
168 100
99 71.9 54.9 82.3

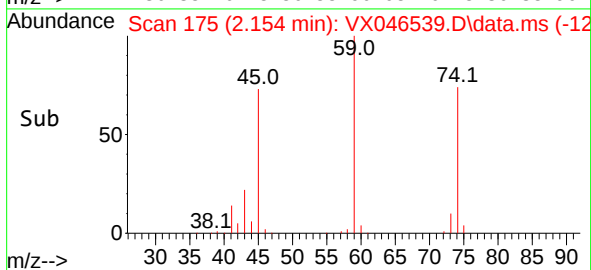
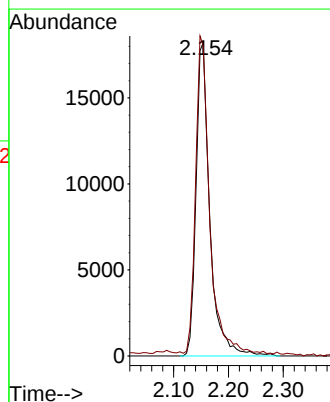
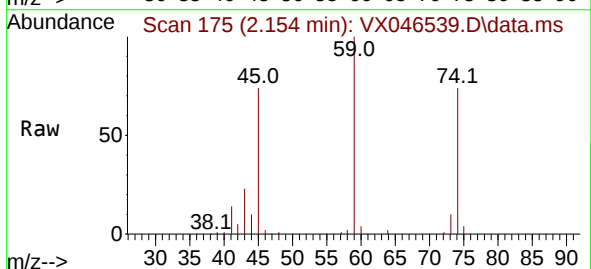
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#8
Diethyl Ether
Concen: 37.509 ug/l
RT: 2.154 min Scan# 175
Delta R.T. 0.000 min
Lab File: VX046539.D
Acq: 06 Jun 2025 19:35

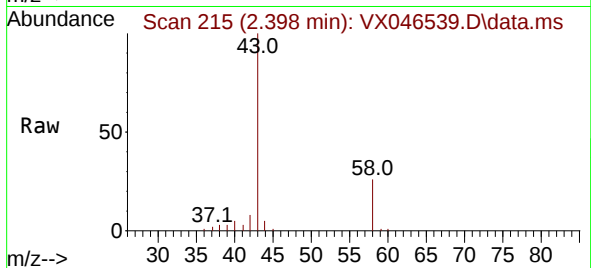
Tgt Ion: 74 Resp: 31878
Ion Ratio Lower Upper
74 100
45 103.2 54.9 164.8





#16
Acetone
Concen: 25.374 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046539.D
Acq: 06 Jun 2025 19:35

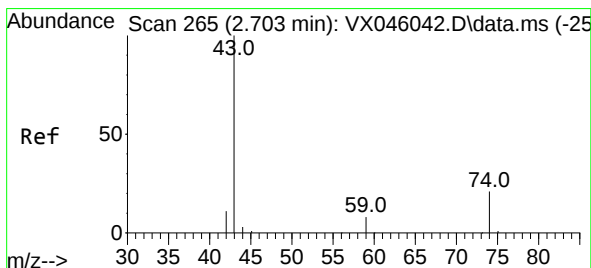
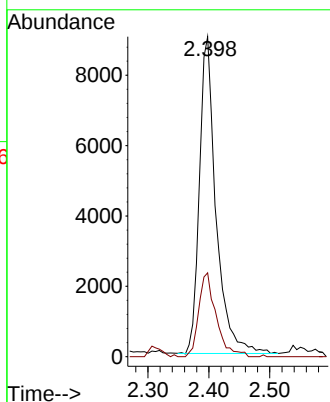
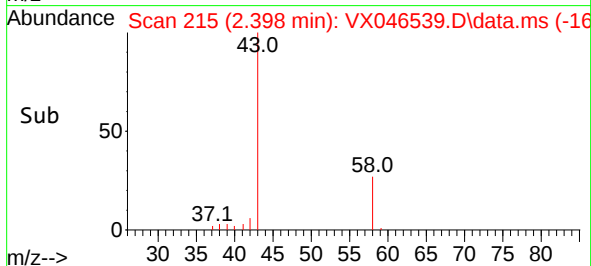
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-06



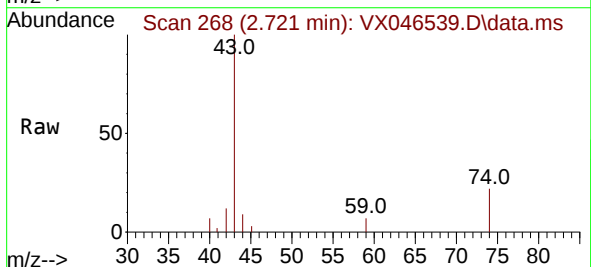
Tgt Ion: 43 Resp: 17068
Ion Ratio Lower Upper
43 100
58 26.5 21.2 31.8

Manual Integrations
APPROVED

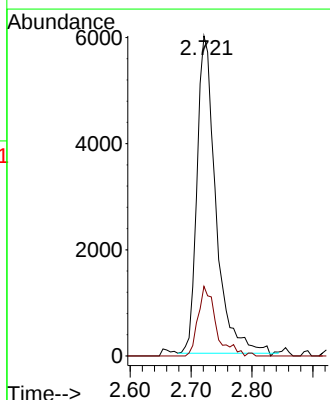
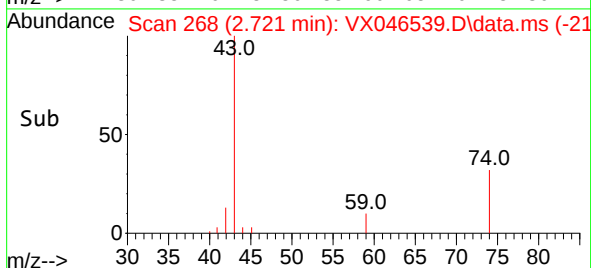
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

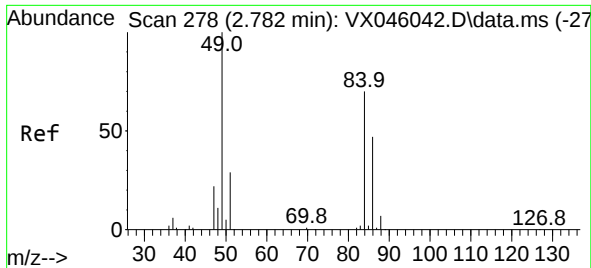


#18
Methyl Acetate
Concen: 5.246 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.000 min
Lab File: VX046539.D
Acq: 06 Jun 2025 19:35



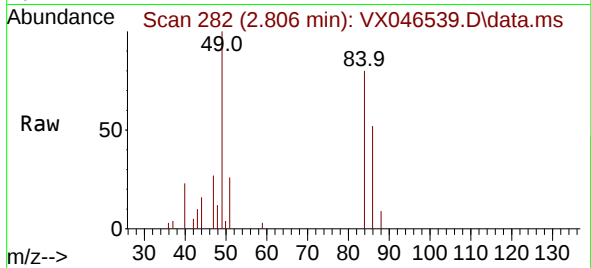
Tgt Ion: 43 Resp: 12831
Ion Ratio Lower Upper
43 100
74 21.0 16.7 25.1





#20
Methylene Chloride
Concen: 1.729 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046539.D
Acq: 06 Jun 2025 19:35

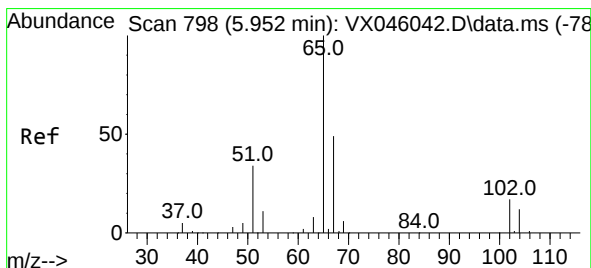
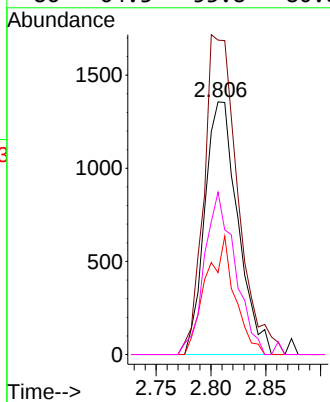
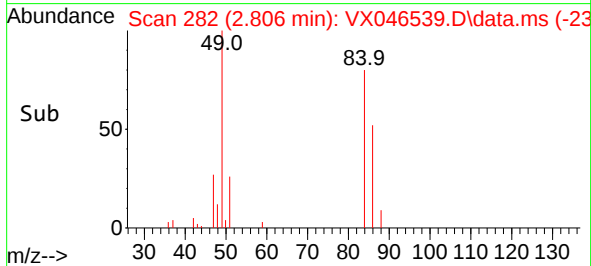
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-06



Tgt Ion: 84 Resp: 284
Ion Ratio Lower Upper
84 100
49 124.5 113.9 170.9
51 32.4 33.5 50.3
86 64.3 53.8 80.8

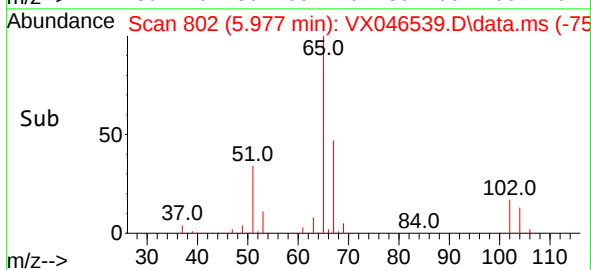
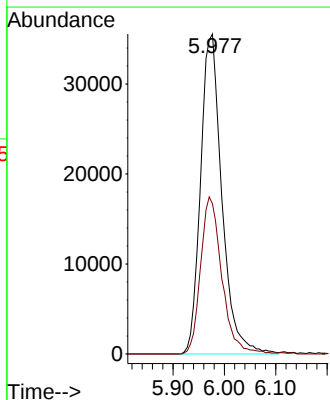
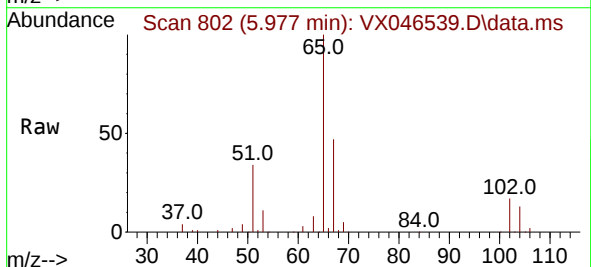
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#33
1,2-Dichloroethane-d4
Concen: 49.830 ug/l
RT: 5.977 min Scan# 802
Delta R.T. 0.007 min
Lab File: VX046539.D
Acq: 06 Jun 2025 19:35

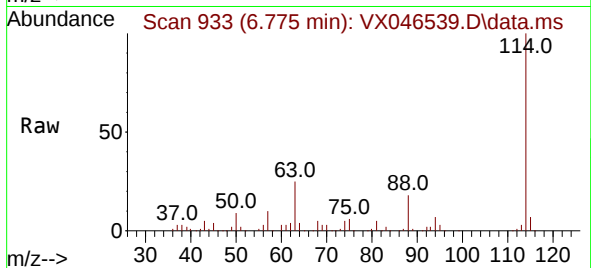
Tgt Ion: 65 Resp: 102313
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046539.D
Acq: 06 Jun 2025 19:35

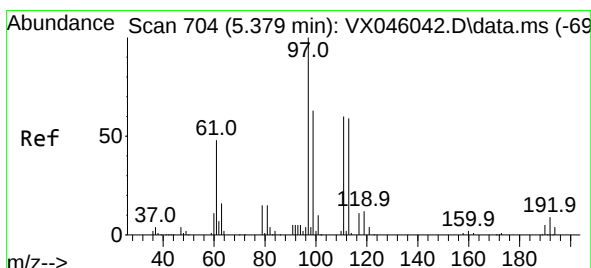
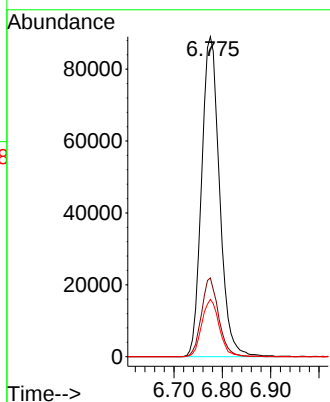
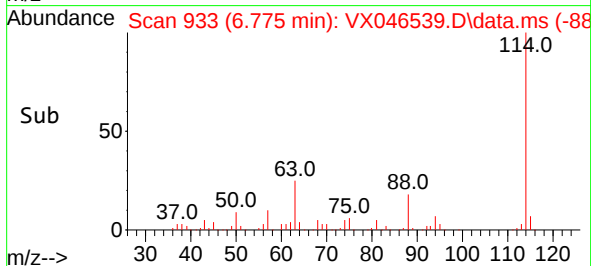
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-06



Tgt Ion:114 Resp: 22951
Ion Ratio Lower Upper
114 100
63 24.6 0.0 49.2
88 17.9 0.0 33.6

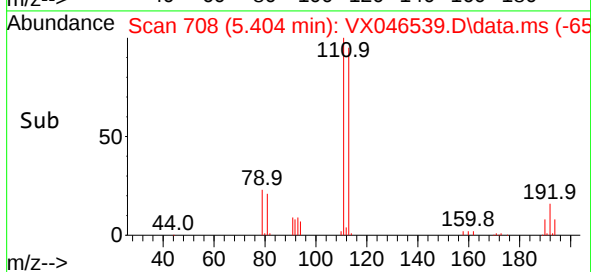
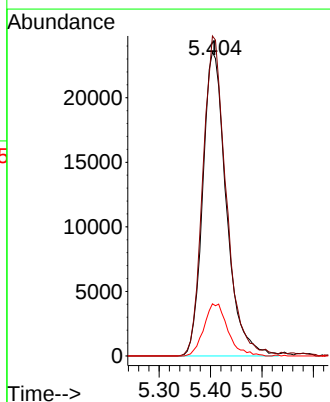
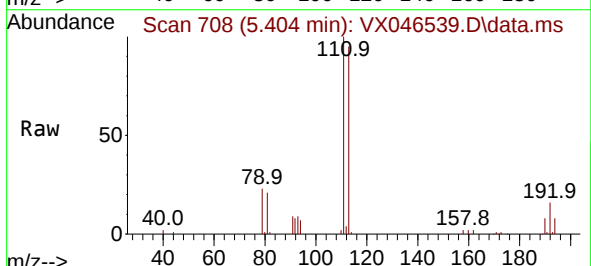
Manual Integrations
APPROVED

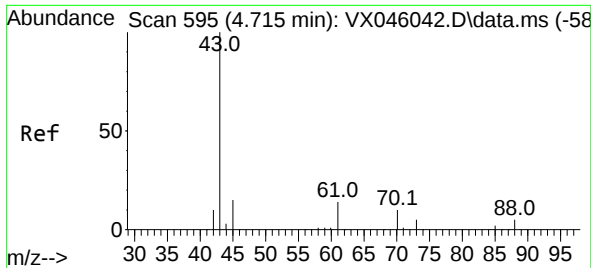
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#35
Dibromofluoromethane
Concen: 44.437 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.001 min
Lab File: VX046539.D
Acq: 06 Jun 2025 19:35

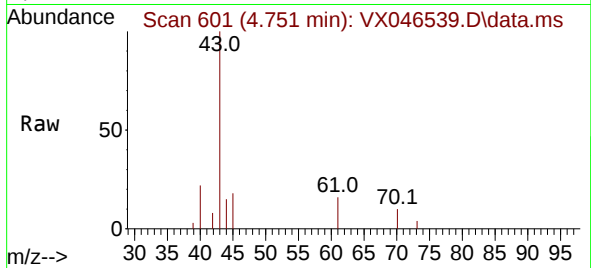
Tgt Ion:113 Resp: 75002
Ion Ratio Lower Upper
113 100
111 104.3 83.1 124.7
192 17.5 13.3 19.9





#37
Ethyl Acetate
Concen: 3.790 ug/l m
RT: 4.751 min Scan# 601
Delta R.T. 0.018 min
Lab File: VX046539.D
Acq: 06 Jun 2025 19:35

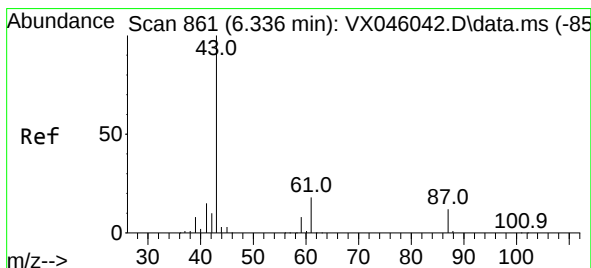
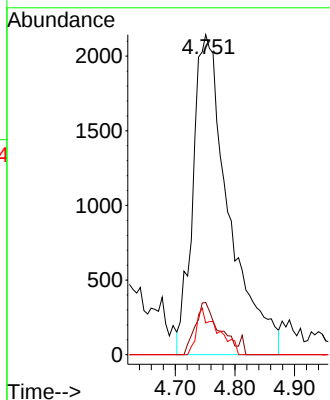
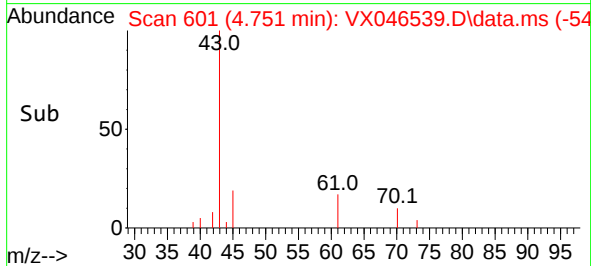
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-06



Tgt Ion: 43 Resp: 891
Ion Ratio Lower Upper
43 100
61 11.6 10.3 15.5
70 8.6 7.9 11.9

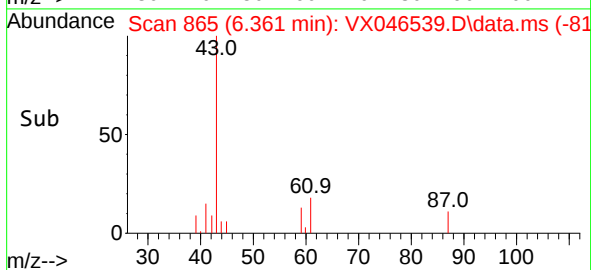
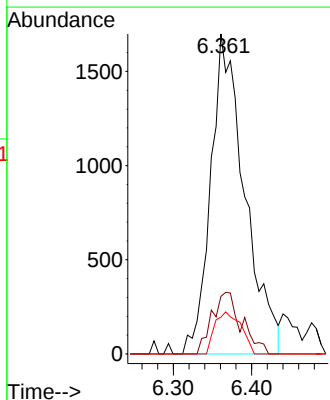
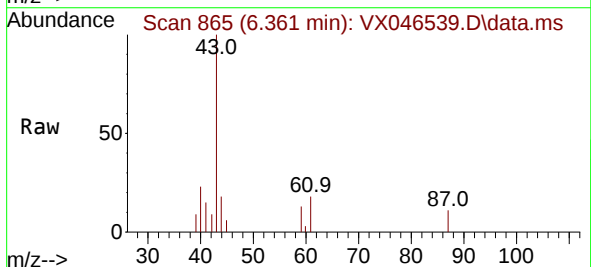
Manual Integrations
APPROVED

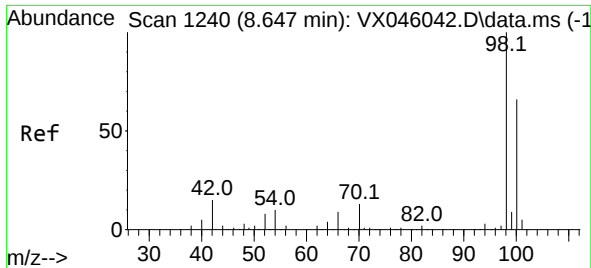
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#43
Isopropyl Acetate
Concen: 1.245 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.007 min
Lab File: VX046539.D
Acq: 06 Jun 2025 19:35

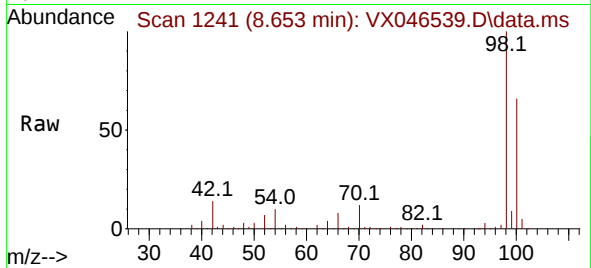
Tgt Ion: 43 Resp: 5109
Ion Ratio Lower Upper
43 100
61 16.8 14.3 21.5
87 10.1 9.5 14.3





#50
Toluene-d8
Concen: 52.044 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046539.D
Acq: 06 Jun 2025 19:35

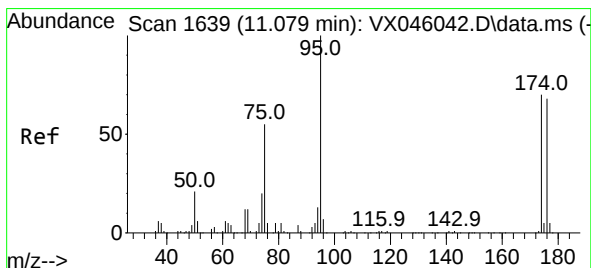
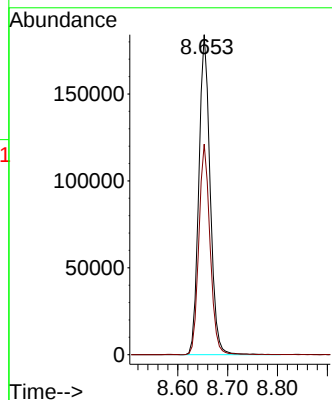
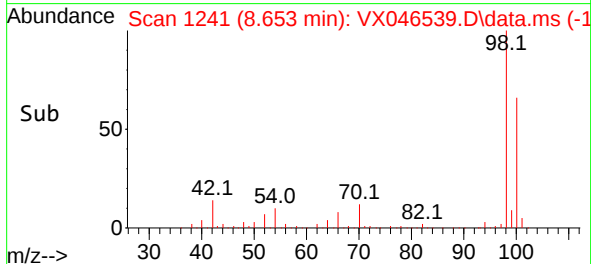
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-06



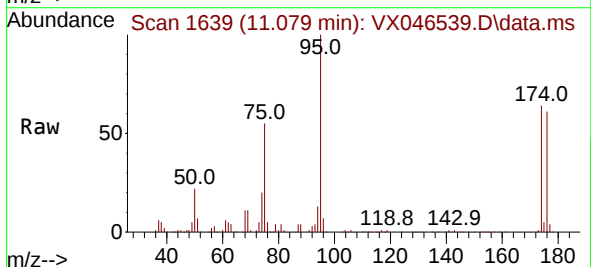
Tgt Ion: 98 Resp: 289604
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3

Manual Integrations
APPROVED

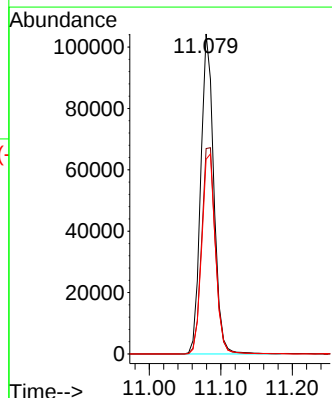
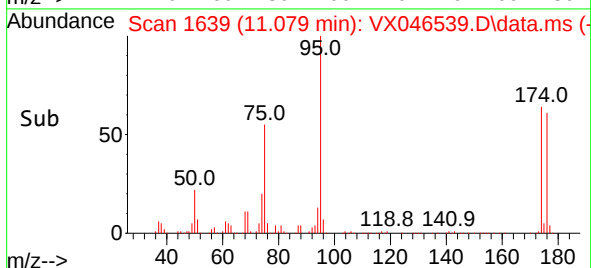
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

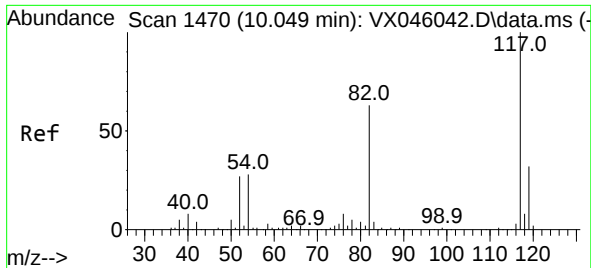


#62
4-Bromofluorobenzene
Concen: 57.428 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046539.D
Acq: 06 Jun 2025 19:35



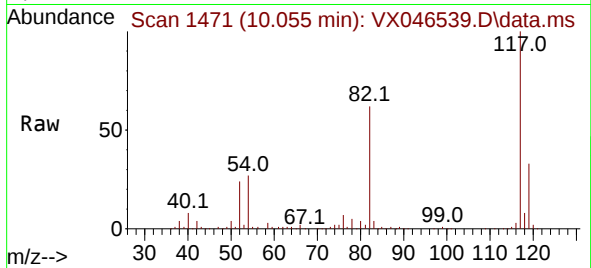
Tgt Ion: 95 Resp: 132218
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 65.4 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046539.D
Acq: 06 Jun 2025 19:35

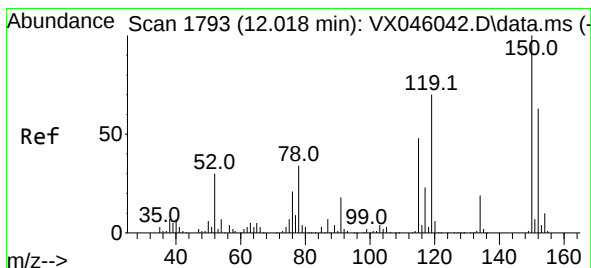
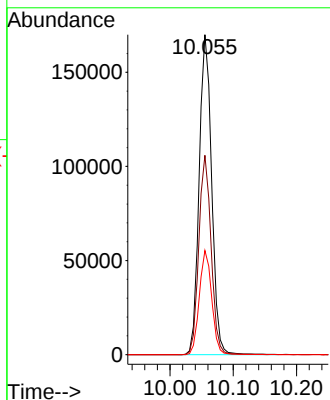
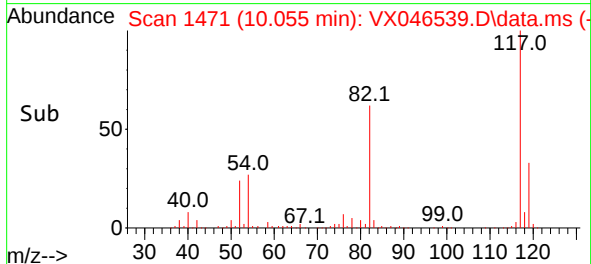
Instrument :
MSVOA_X
ClientSampleId :
BU-703-COMP-06



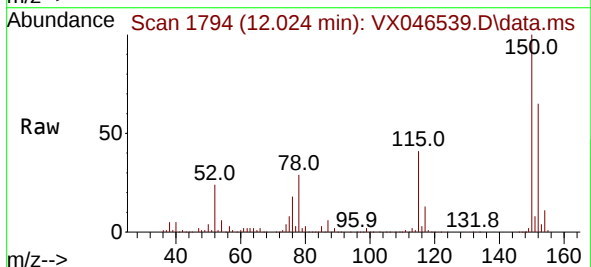
Tgt Ion:117 Resp: 23419
Ion Ratio Lower Upper
117 100
82 62.3 50.6 76.0
119 32.6 25.8 38.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX046539.D
Acq: 06 Jun 2025 19:35



Tgt Ion:152 Resp: 121222
Ion Ratio Lower Upper
152 100
115 65.8 46.9 140.7
150 158.0 0.0 351.0

