

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040425\
 Data File : VX045606.D
 Acq On : 04 Apr 2025 17:52
 Operator : JC/MD
 Sample : PB167448ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167448ZHE#05

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/07/2025
 Supervised By : Mahesh Dadoda 04/07/2025

Quant Time: Apr 04 23:13:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	64253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126502	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	65972	56.145	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.300%			
35) Dibromofluoromethane	5.379	113	47929	53.401	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.800%			
50) Toluene-d8	8.647	98	166815	53.249	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.500%			
62) 4-Bromofluorobenzene	11.079	95	59200	51.880	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.760%			
Target Compounds						
16) Acetone	2.380	43	44419	92.061	ug/l	99
18) Methyl Acetate	2.703	43	2491m	2.242	ug/l	
20) Methylene Chloride	2.782	84	28665	31.734	ug/l	97
25) 2-Butanone	4.580	43	4996	7.074	ug/l	93
43) Isopropyl Acetate	6.342	43	8329	3.598	ug/l #	85

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

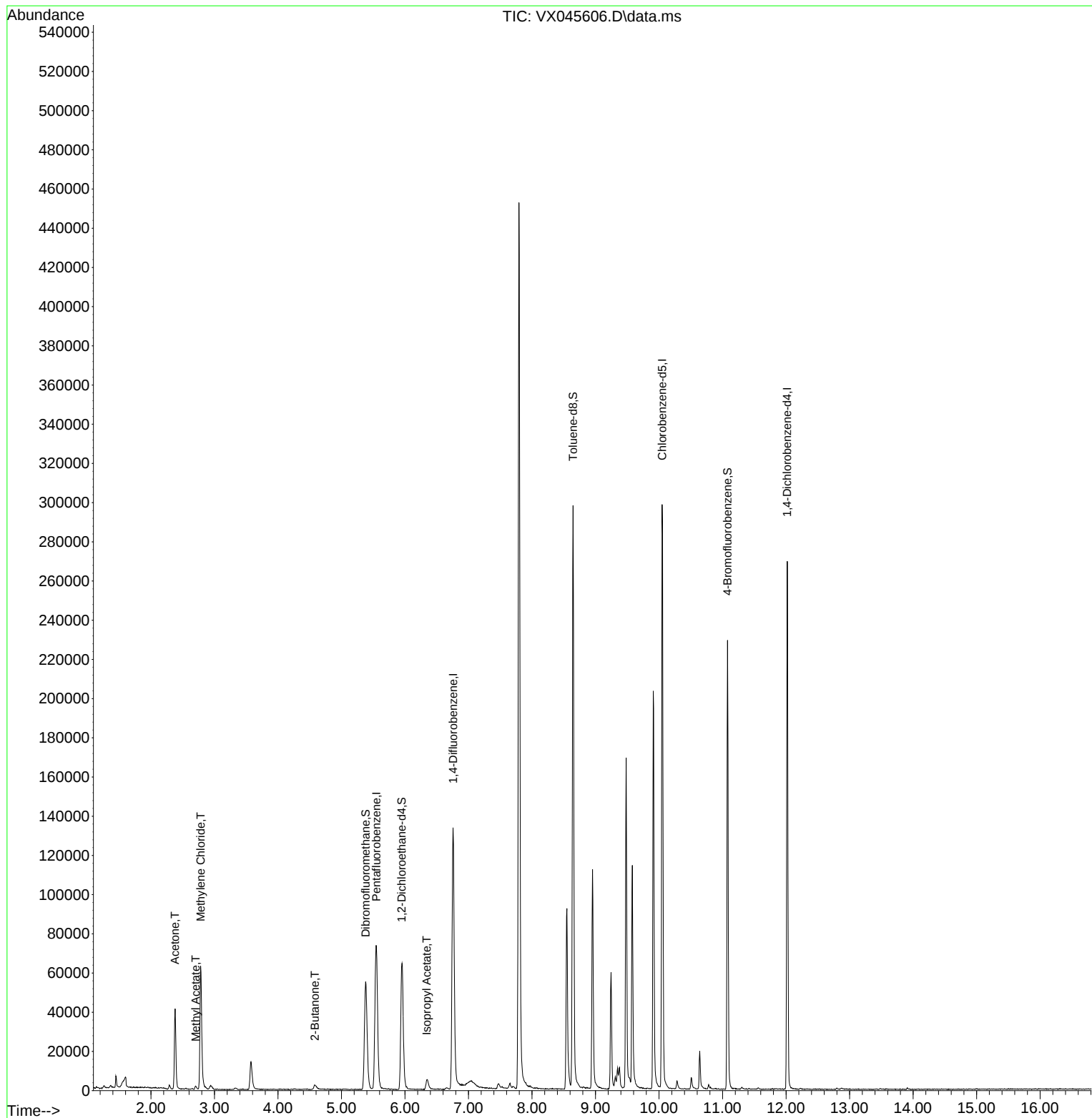
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040425\
Data File : VX045606.D
Acq On : 04 Apr 2025 17:52
Operator : JC/MD
Sample : PB167448ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#05

Quant Time: Apr 04 23:13:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

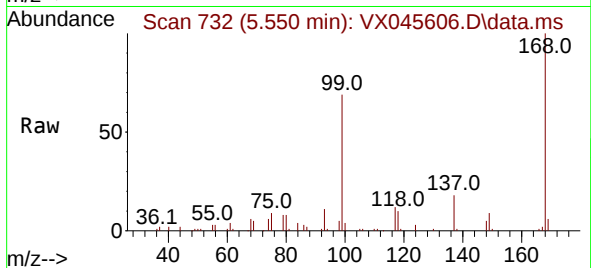
Reviewed By : John Carlone 04/07/2025
Supervised By : Mahesh Dadoda 04/07/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045606.D
Acq: 04 Apr 2025 17:52

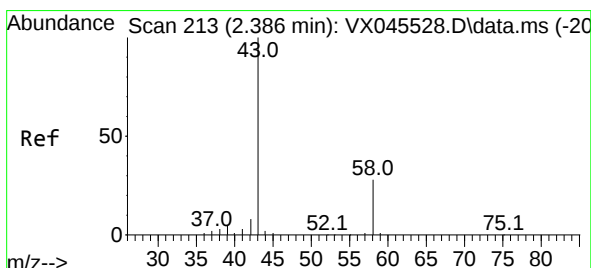
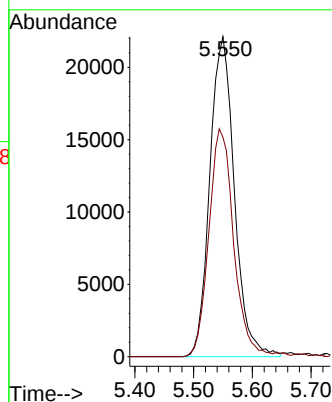
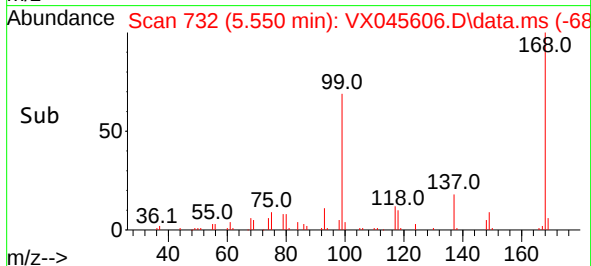
Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#05



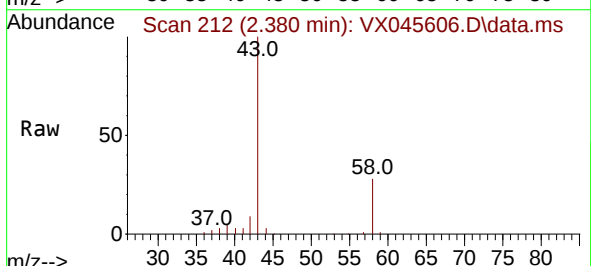
Tgt Ion:168 Resp: 6425
Ion Ratio Lower Upper
168 100
99 68.6 52.3 78.5

Manual Integrations
APPROVED

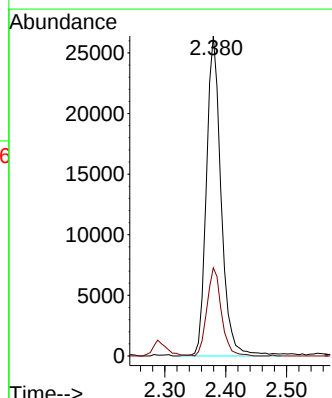
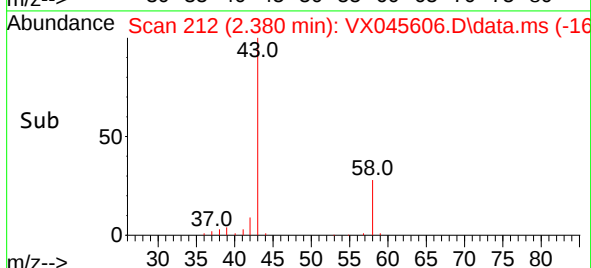
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#16
Acetone
Concen: 92.061 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045606.D
Acq: 04 Apr 2025 17:52



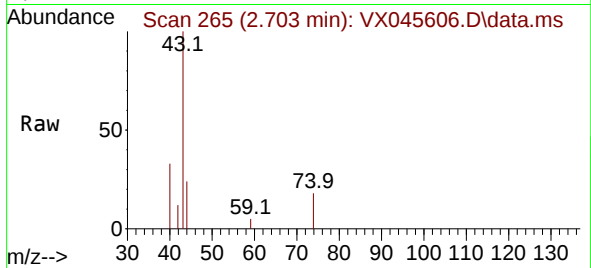
Tgt Ion: 43 Resp: 44419
Ion Ratio Lower Upper
43 100
58 27.5 22.3 33.5





#18
Methyl Acetate
Concen: 2.242 ug/l m
RT: 2.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX045606.D
Acq: 04 Apr 2025 17:52

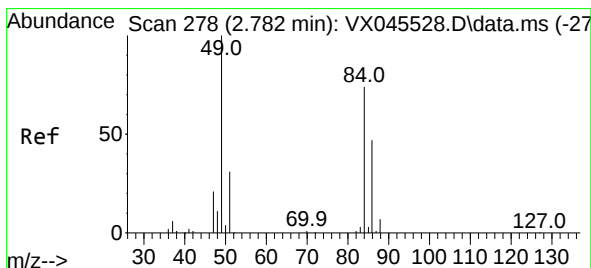
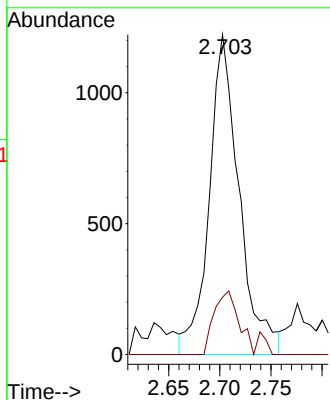
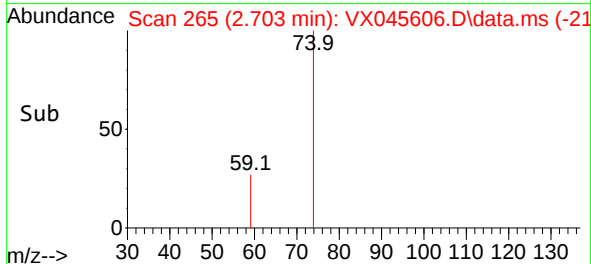
Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#05



Tgt Ion: 43 Resp: 249
Ion Ratio Lower Upper
43 100
74 16.4 17.5 26.3

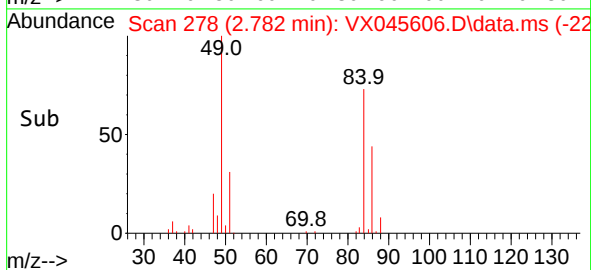
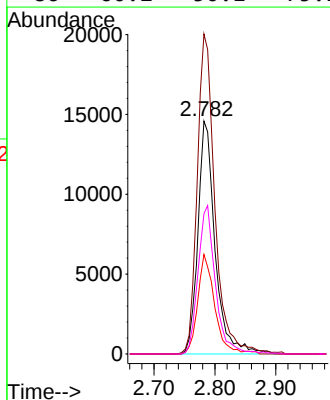
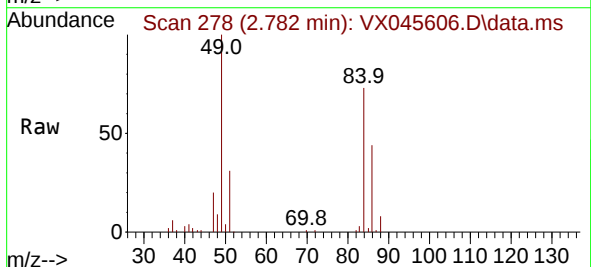
Manual Integrations
APPROVED

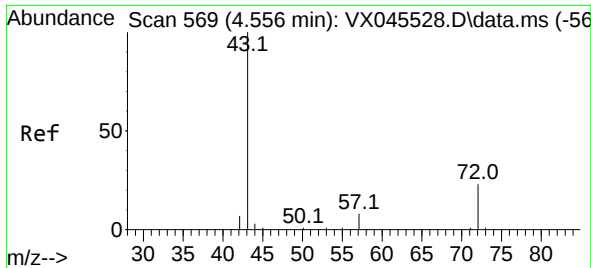
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#20
Methylene Chloride
Concen: 31.734 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045606.D
Acq: 04 Apr 2025 17:52

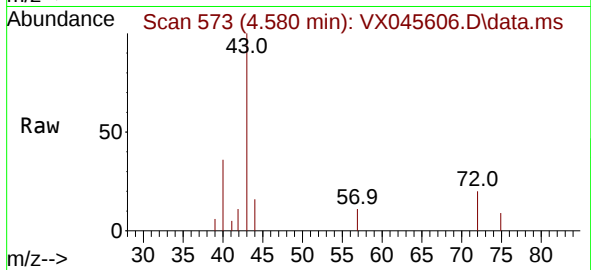
Tgt Ion: 84 Resp: 28665
Ion Ratio Lower Upper
84 100
49 137.5 107.5 161.3
51 42.7 33.0 49.6
86 60.2 50.1 75.1





#25
2-Butanone
Concen: 7.074 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX045606.D
Acq: 04 Apr 2025 17:52

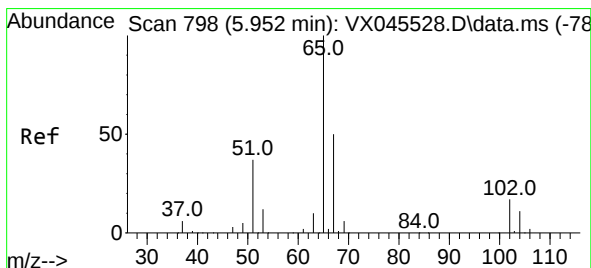
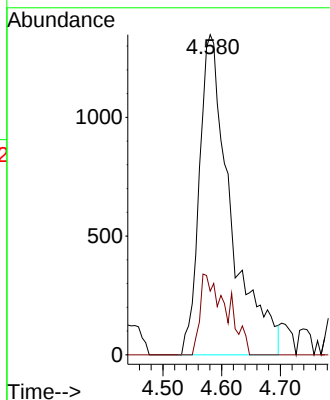
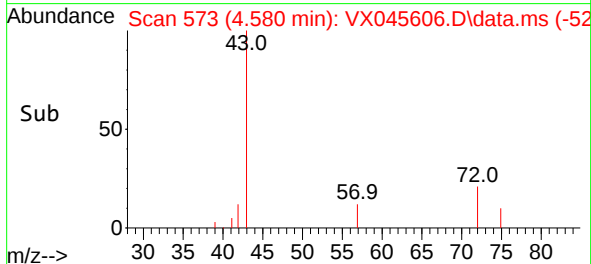
Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#05



Tgt Ion: 43 Resp: 4990
Ion Ratio Lower Upper
43 100
72 19.9 18.6 28.0

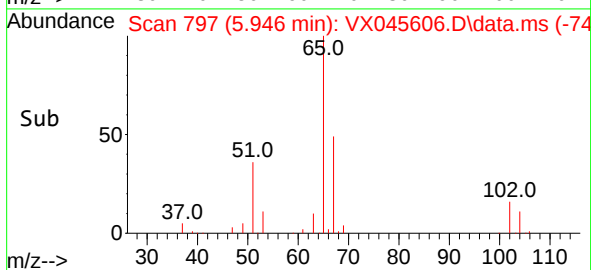
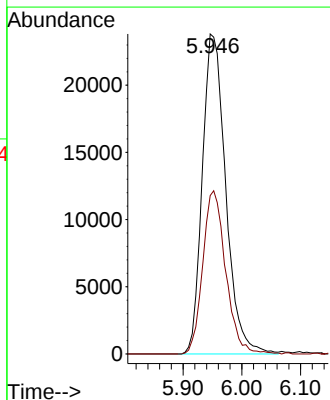
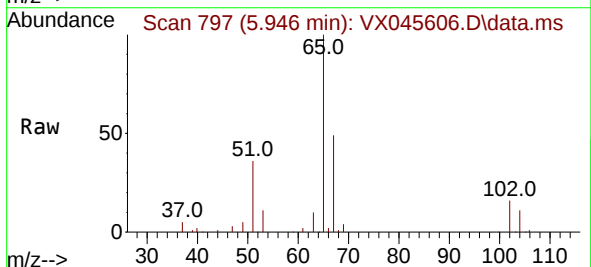
Manual Integrations
APPROVED

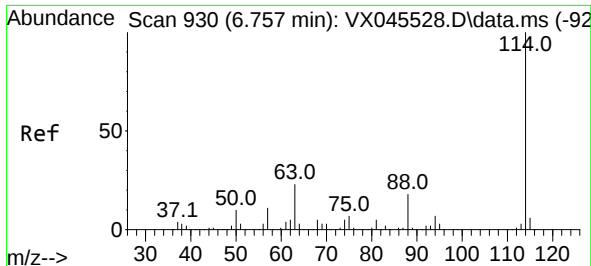
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#33
1,2-Dichloroethane-d4
Concen: 56.145 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045606.D
Acq: 04 Apr 2025 17:52

Tgt Ion: 65 Resp: 65972
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.0





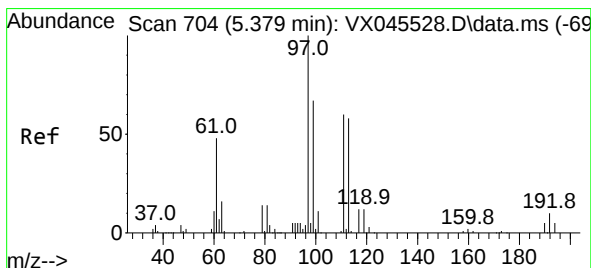
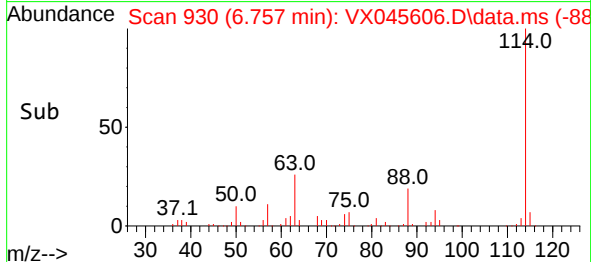
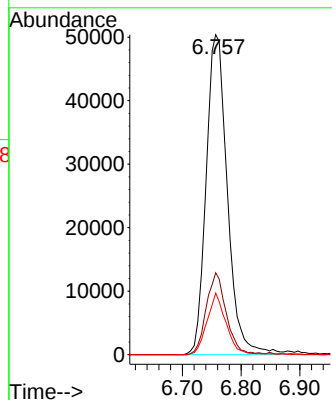
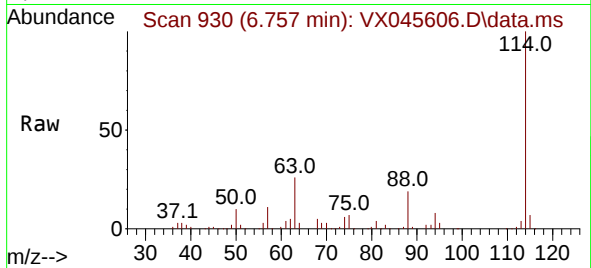
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX045606.D
Acq: 04 Apr 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#05

Tgt Ion:114 Resp: 126502
Ion Ratio Lower Upper
114 100
63 25.6 0.0 46.8
88 19.2 0.0 35.4

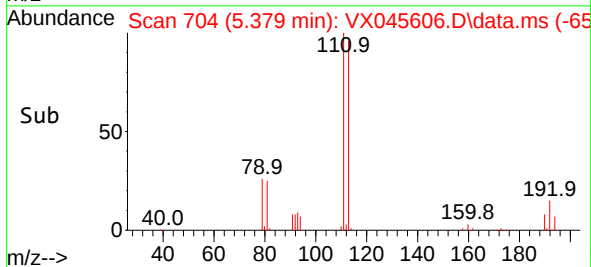
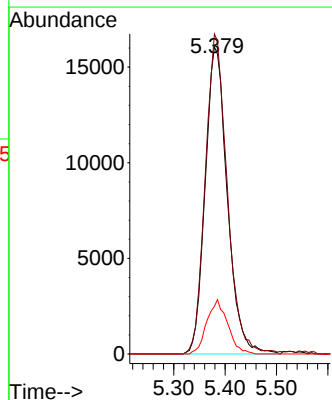
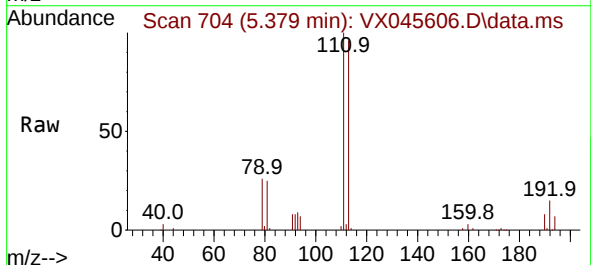
Manual Integrations
APPROVED

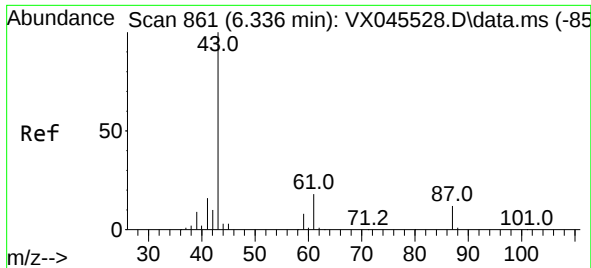
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#35
Dibromofluoromethane
Concen: 53.401 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045606.D
Acq: 04 Apr 2025 17:52

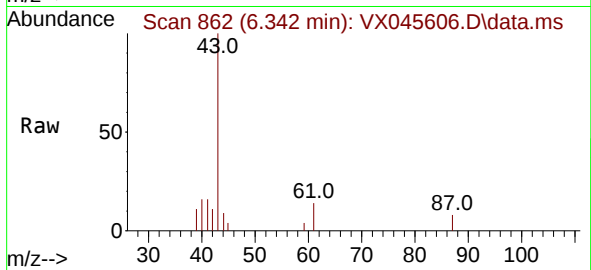
Tgt Ion:113 Resp: 47929
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.6
192 16.7 13.8 20.6





#43
Isopropyl Acetate
Concen: 3.598 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX045606.D
Acq: 04 Apr 2025 17:52

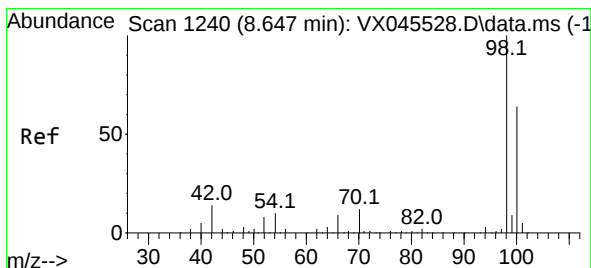
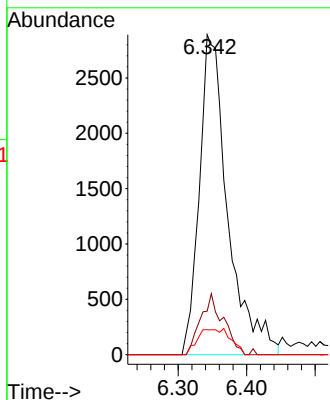
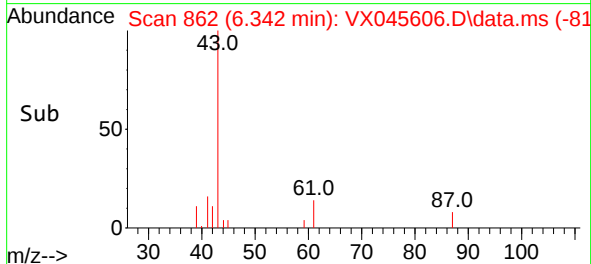
Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#05



Tgt Ion: 43 Resp: 8329
Ion Ratio Lower Upper
43 100
61 15.2 14.1 21.1
87 0.0 9.2 13.8

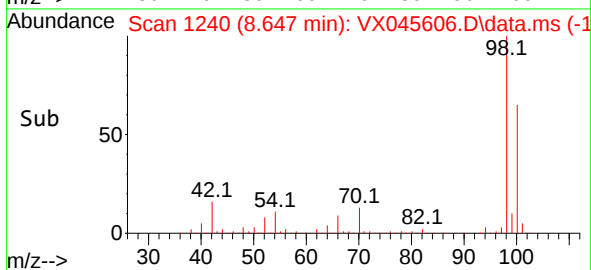
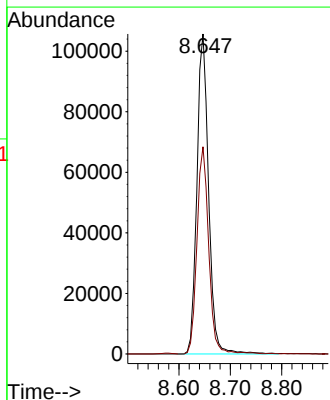
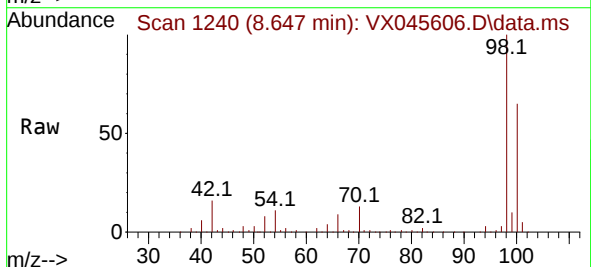
Manual Integrations
APPROVED

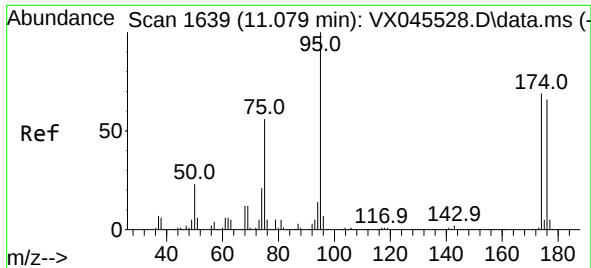
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#50
Toluene-d8
Concen: 53.249 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045606.D
Acq: 04 Apr 2025 17:52

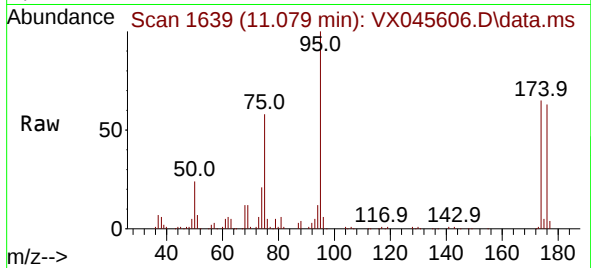
Tgt Ion: 98 Resp: 166815
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4





#62
4-Bromofluorobenzene
Concen: 51.880 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045606.D
Acq: 04 Apr 2025 17:52

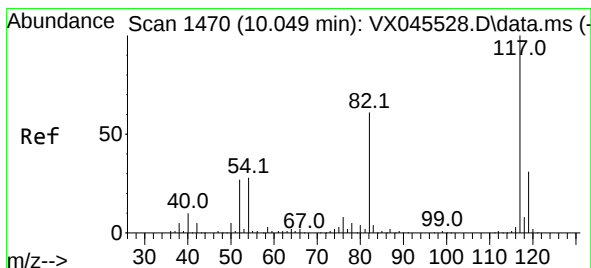
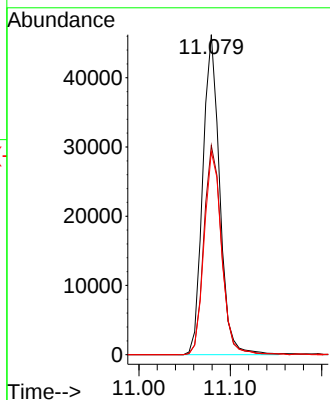
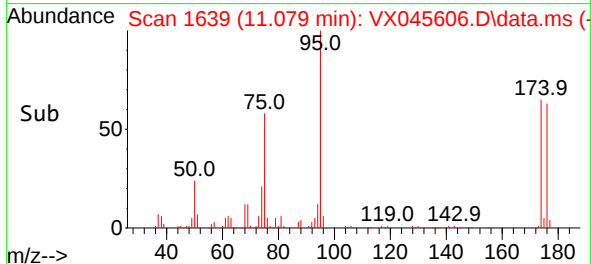
Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#05



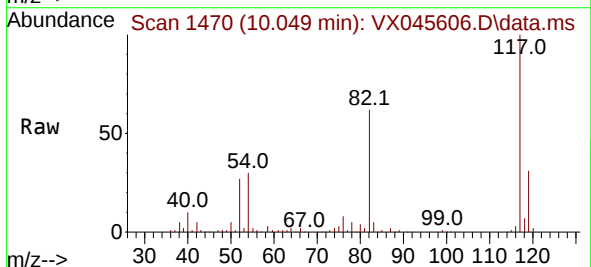
Tgt Ion: 95 Resp: 59200
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.8
176 65.9 0.0 131.4

Manual Integrations
APPROVED

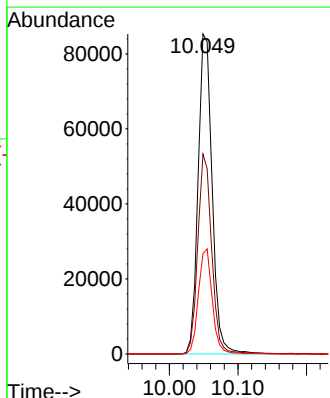
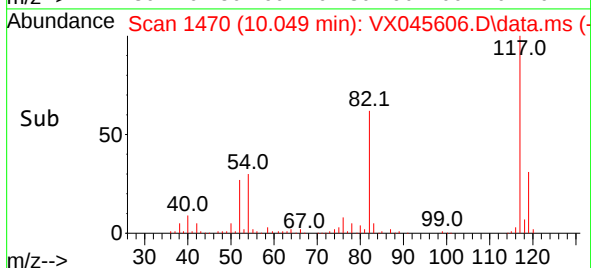
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

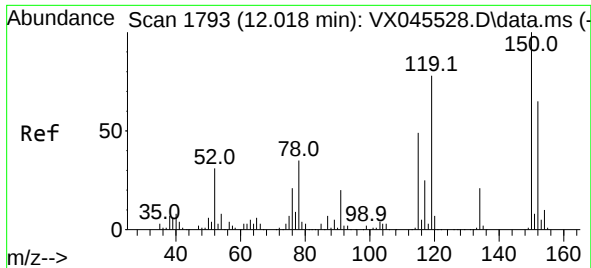


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045606.D
Acq: 04 Apr 2025 17:52



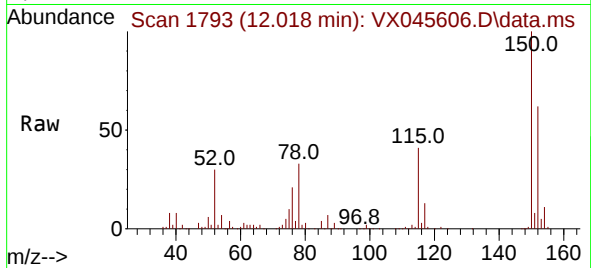
Tgt Ion:117 Resp: 122085
Ion Ratio Lower Upper
117 100
82 62.4 49.2 73.8
119 31.4 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045606.D
 Acq: 04 Apr 2025 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167448ZHE#05



Tgt Ion:152 Resp: 49248
 Ion Ratio Lower Upper
 152 100
 115 65.2 46.9 140.7
 150 158.6 0.0 349.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/07/2025
 Supervised By :Mahesh Dadoda 04/07/2025

