

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045805.D
 Acq On : 16 Apr 2025 14:11
 Operator : JC/MD
 Sample : PB167604ZHE#63
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167604ZHE#63

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2025
 Supervised By : Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 01:36:45 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	65584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65824	54.883	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.760%			
35) Dibromofluoromethane	5.379	113	47799	51.641	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.280%			
50) Toluene-d8	8.647	98	167296	51.783	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.560%			
62) 4-Bromofluorobenzene	11.079	95	64064	54.440	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.880%			
Target Compounds						
16) Acetone	2.380	43	25209	51.187	ug/l	96
18) Methyl Acetate	2.703	43	2145	1.892	ug/l	99
20) Methylene Chloride	2.788	84	3143	3.409	ug/l	94
25) 2-Butanone	4.580	43	3630m	5.035	ug/l	
43) Isopropyl Acetate	6.342	43	12108	5.072	ug/l	98

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

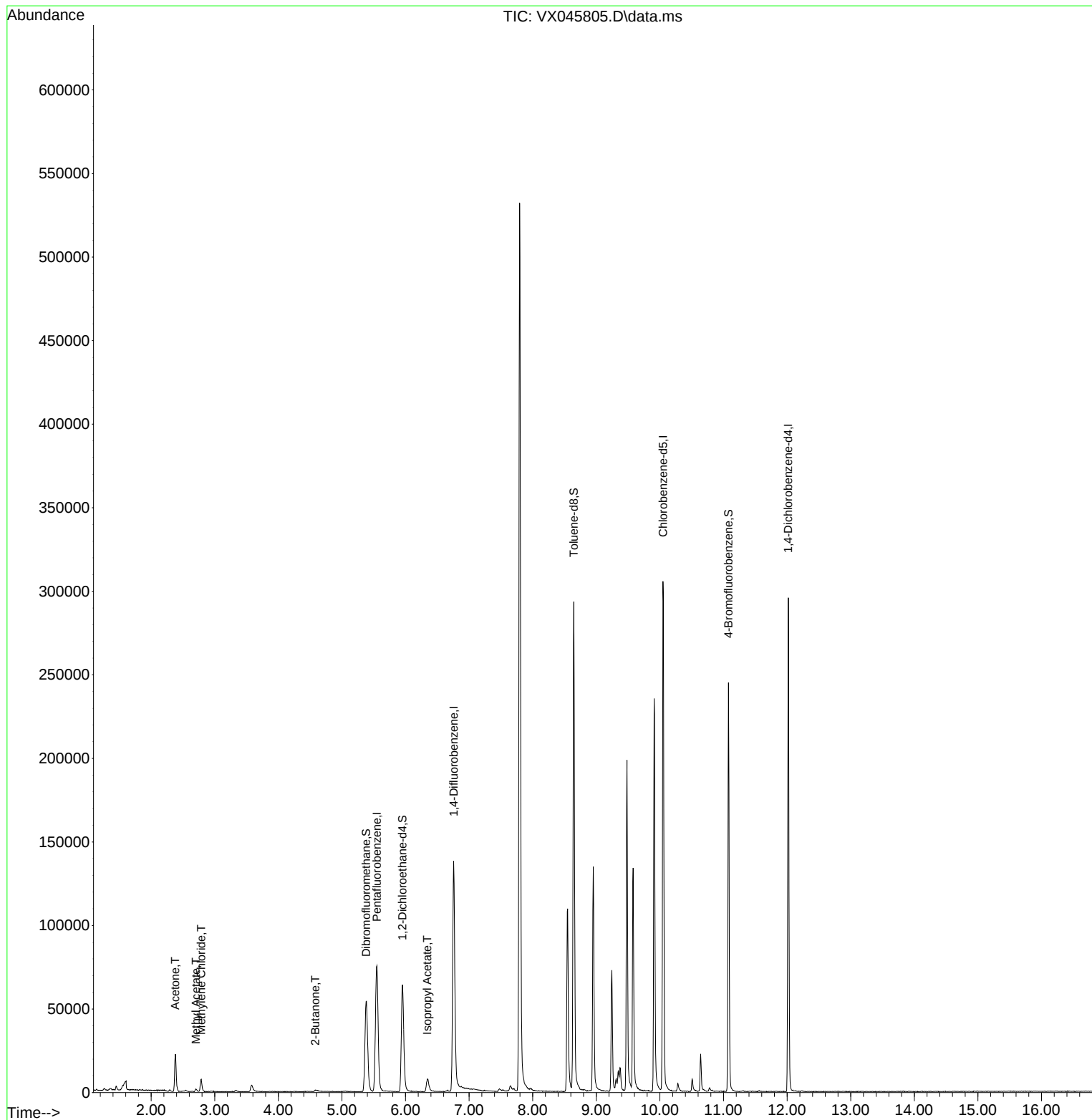
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
Data File : VX045805.D
Acq On : 16 Apr 2025 14:11
Operator : JC/MD
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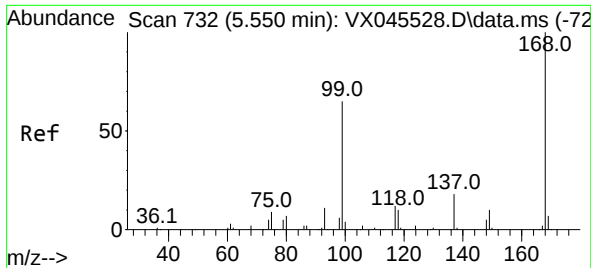
Instrument :
MSVOA_X
ClientSampleId :
PB167604ZHE#63

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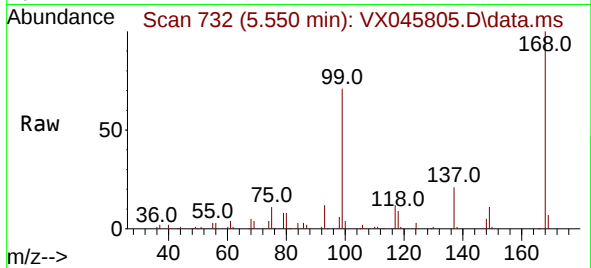
Quant Time: Apr 17 01:36:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045805.D
Acq: 16 Apr 2025 14:11

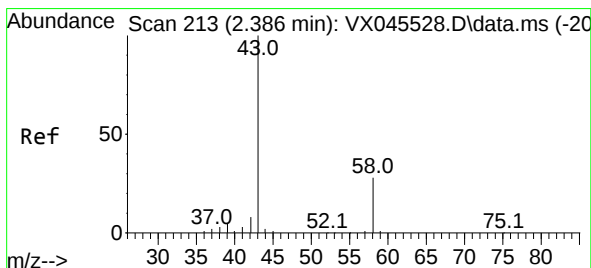
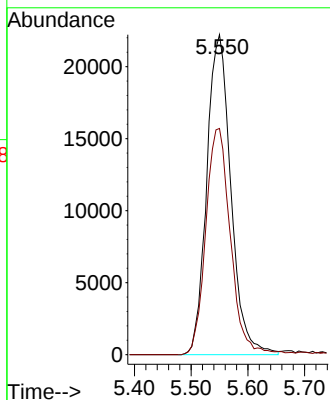
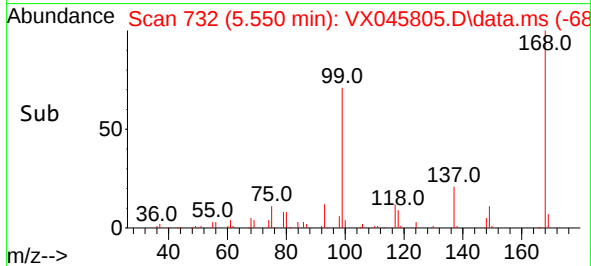
Instrument :
MSVOA_X
ClientSampleId :
PB167604ZHE#63



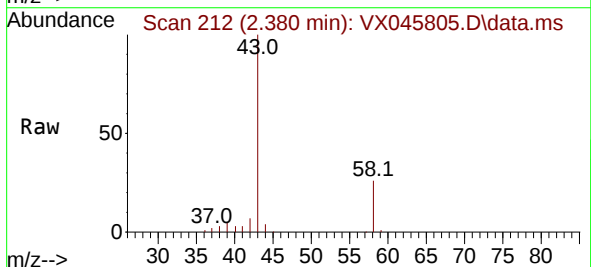
Tgt Ion:168 Resp: 65584
Ion Ratio Lower Upper
168 100
99 70.7 52.3 78.5

Manual Integrations
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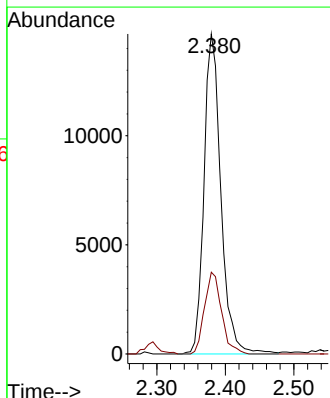
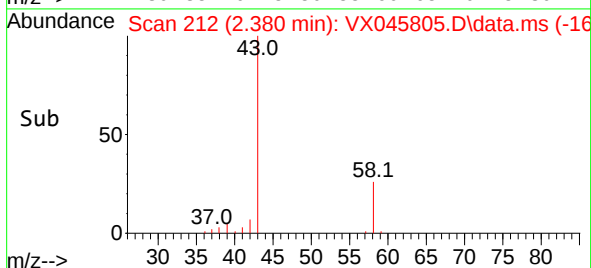
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

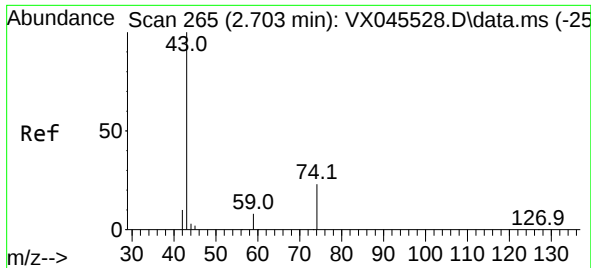


#16
Acetone
Concen: 51.187 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045805.D
Acq: 16 Apr 2025 14:11



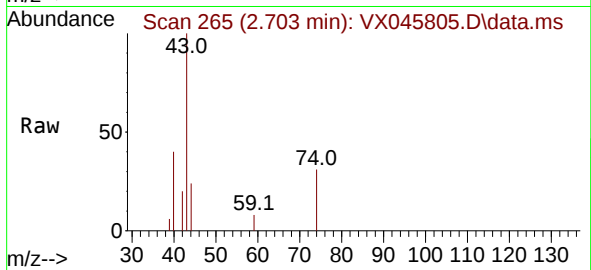
Tgt Ion: 43 Resp: 25209
Ion Ratio Lower Upper
43 100
58 25.6 22.3 33.5





#18
Methyl Acetate
Concen: 1.892 ug/l
RT: 2.703 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX045805.D
Acq: 16 Apr 2025 14:11

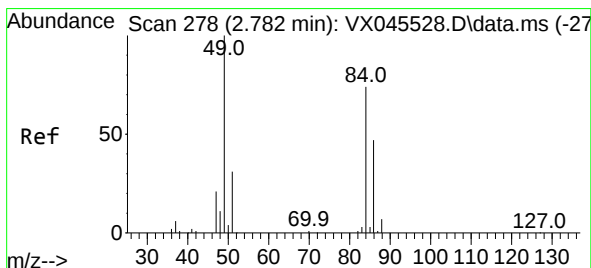
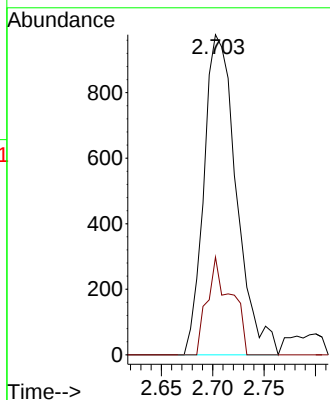
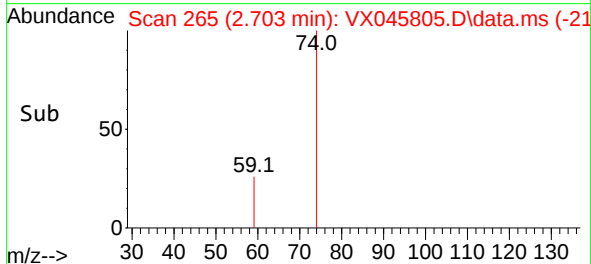
Instrument :
MSVOA_X
ClientSampleId :
PB167604ZHE#63



Tgt Ion: 43 Resp: 214
Ion Ratio Lower Upper
43 100
74 22.5 17.5 26.3

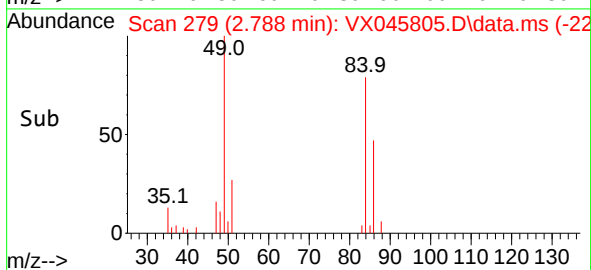
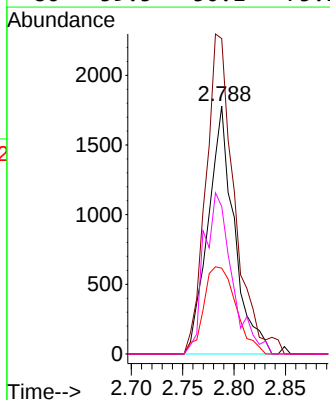
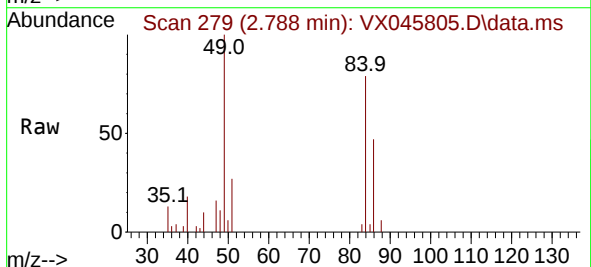
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#20
Methylene Chloride
Concen: 3.409 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045805.D
Acq: 16 Apr 2025 14:11

Tgt Ion: 84 Resp: 3143
Ion Ratio Lower Upper
84 100
49 127.3 107.5 161.3
51 34.6 33.0 49.6
86 59.5 50.1 75.1





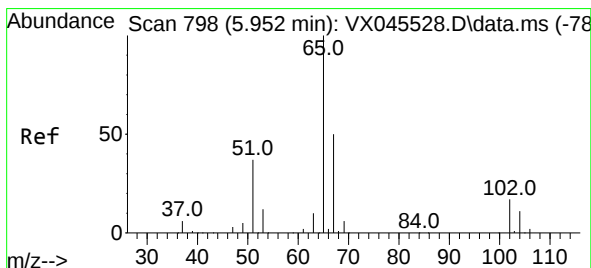
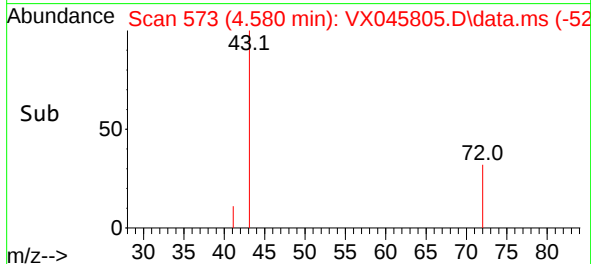
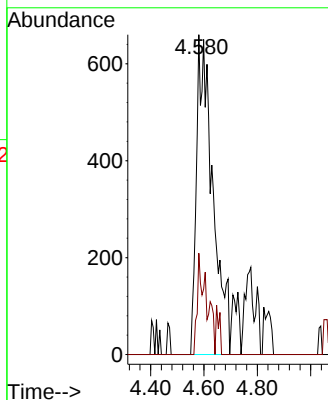
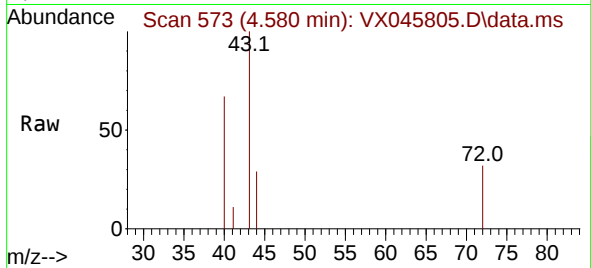
#25
2-Butanone
Concen: 5.035 ug/l m
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX045805.D
Acq: 16 Apr 2025 14:11

Instrument :
MSVOA_X
ClientSampleId :
PB167604ZHE#63

Tgt Ion: 43 Resp: 3630
Ion Ratio Lower Upper
43 100
72 31.7 18.6 28.0

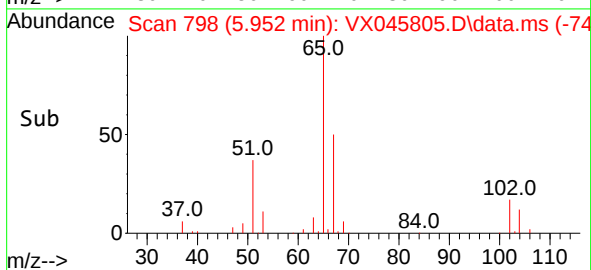
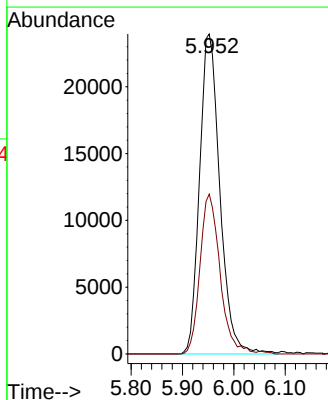
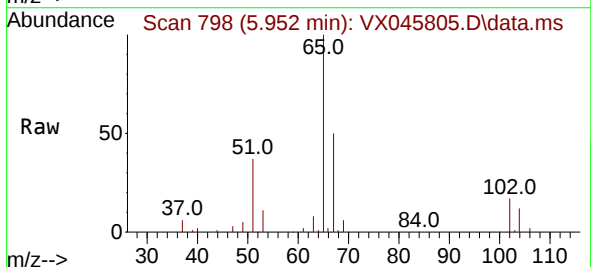
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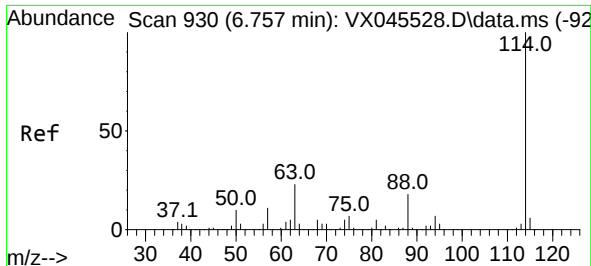
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#33
1,2-Dichloroethane-d4
Concen: 54.883 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045805.D
Acq: 16 Apr 2025 14:11

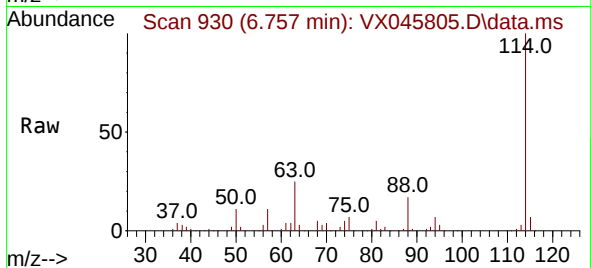
Tgt Ion: 65 Resp: 65824
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 914
Delta R.T. -0.000 min
Lab File: VX045805.D
Acq: 16 Apr 2025 14:11

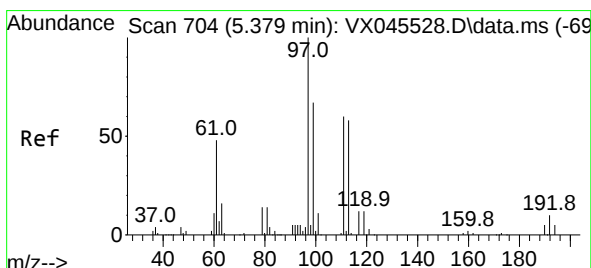
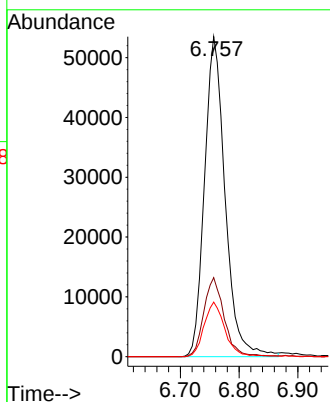
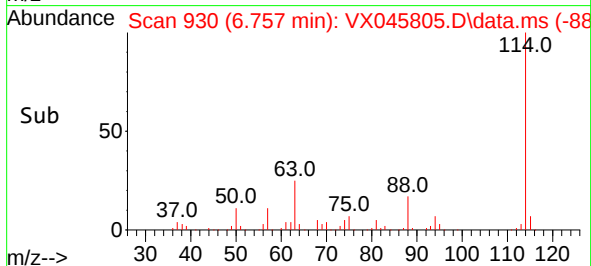
Instrument :
MSVOA_X
ClientSampleId :
PB167604ZHE#63



Tgt Ion:114 Resp: 13045
Ion Ratio Lower Upper
114 100
63 24.7 0.0 46.8
88 17.1 0.0 35.4

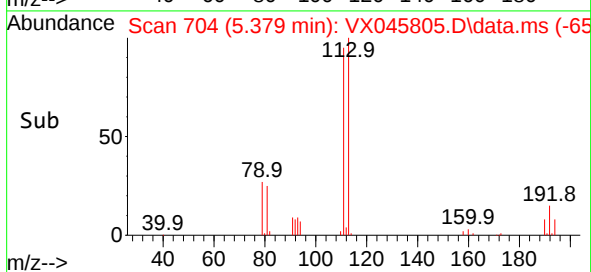
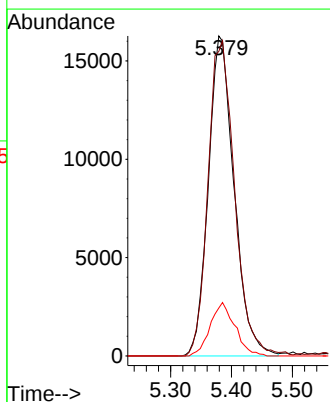
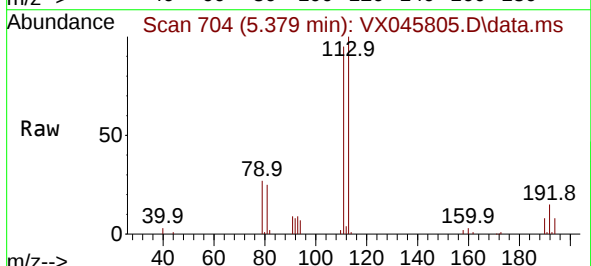
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#35
Dibromofluoromethane
Concen: 51.641 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045805.D
Acq: 16 Apr 2025 14:11

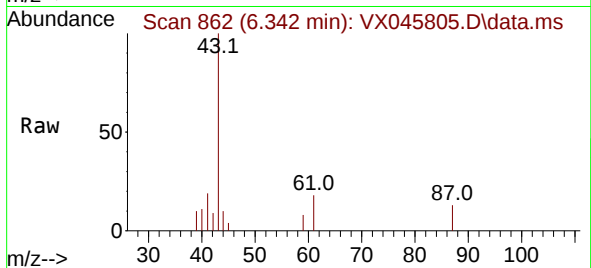
Tgt Ion:113 Resp: 47799
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.6
192 16.1 13.8 20.6





#43
Isopropyl Acetate
Concen: 5.072 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045805.D
Acq: 16 Apr 2025 14:11

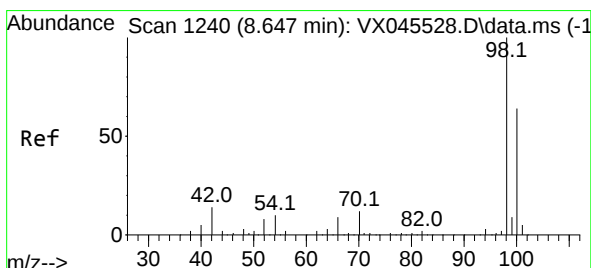
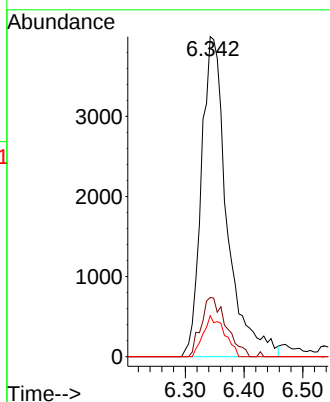
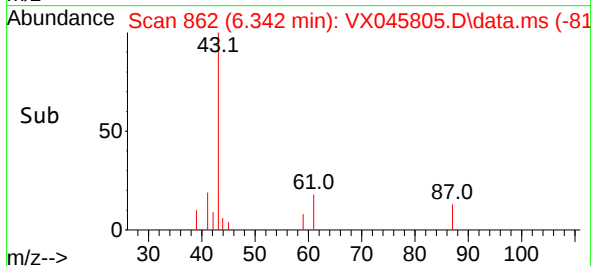
Instrument :
MSVOA_X
ClientSampleId :
PB167604ZHE#63



Tgt Ion: 43 Resp: 12108
Ion Ratio Lower Upper
43 100
61 18.1 14.1 21.1
87 10.5 9.2 13.8

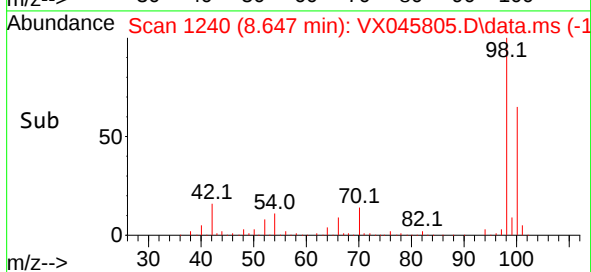
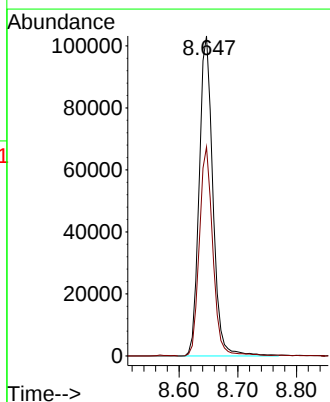
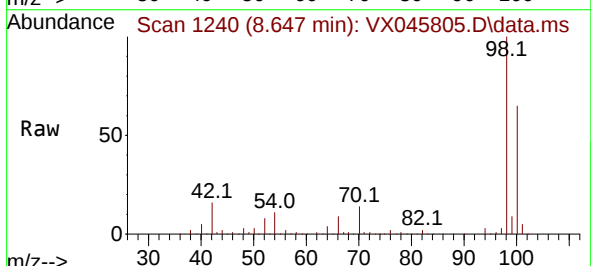
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#50
Toluene-d8
Concen: 51.783 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045805.D
Acq: 16 Apr 2025 14:11

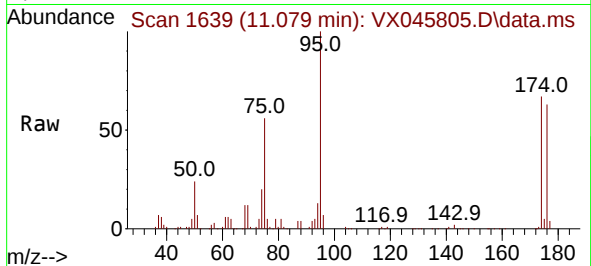
Tgt Ion: 98 Resp: 167296
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4





#62
4-Bromofluorobenzene
Concen: 54.440 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045805.D
Acq: 16 Apr 2025 14:11

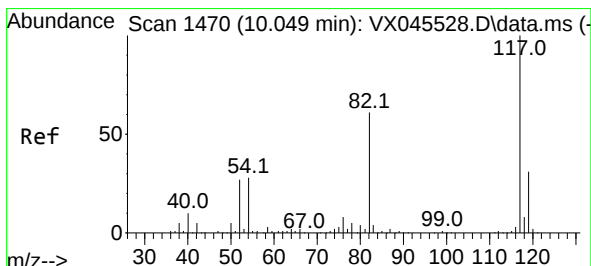
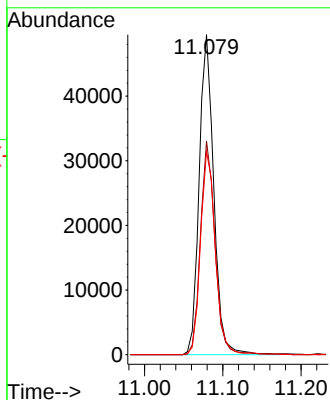
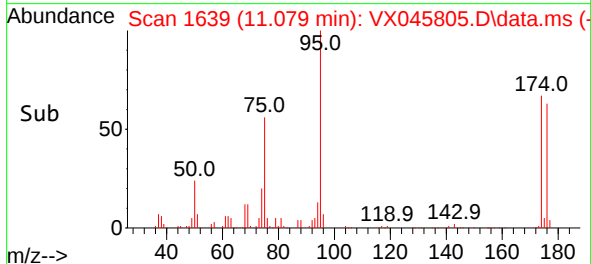
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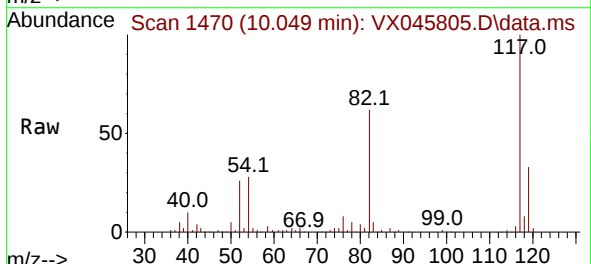
Tgt Ion: 95 Resp: 64064
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.8
176 64.7 0.0 131.4

Manual Integrations
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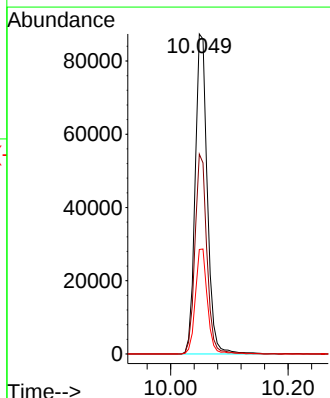
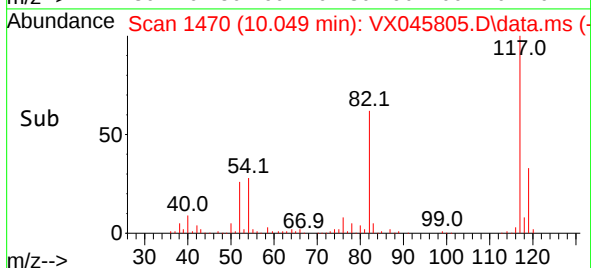
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045805.D
Acq: 16 Apr 2025 14:11



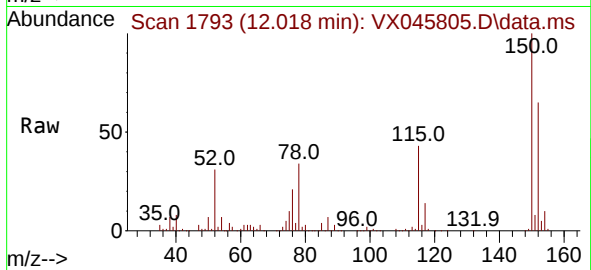
Tgt Ion:117 Resp: 125196
Ion Ratio Lower Upper
117 100
82 62.5 49.2 73.8
119 32.6 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045805.D
 Acq: 16 Apr 2025 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167604ZHE#63



Tgt Ion:152 Resp: 53490
 Ion Ratio Lower Upper
 152 100
 115 65.7 46.9 140.7
 150 156.5 0.0 349.4

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