

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032725\
 Data File : VX045481.D
 Acq On : 27 Mar 2025 16:44
 Operator : JC/MD
 Sample : P167330ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P167330ZHE#05

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2025
 Supervised By : Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 01:36:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	68259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63902	58.855	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.700%			
35) Dibromofluoromethane	5.379	113	47515	52.622	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.240%			
50) Toluene-d8	8.647	98	173180	52.903	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.800%			
62) 4-Bromofluorobenzene	11.079	95	58874	54.274	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.540%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	108463	215.307	ug/l	97
18) Methyl Acetate	2.709	43	3893m	3.212	ug/l	
20) Methylene Chloride	2.782	84	3986	3.994	ug/l	91
25) 2-Butanone	4.574	43	11771	15.523	ug/l	95
43) Isopropyl Acetate	6.348	43	14323	6.070	ug/l	100

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

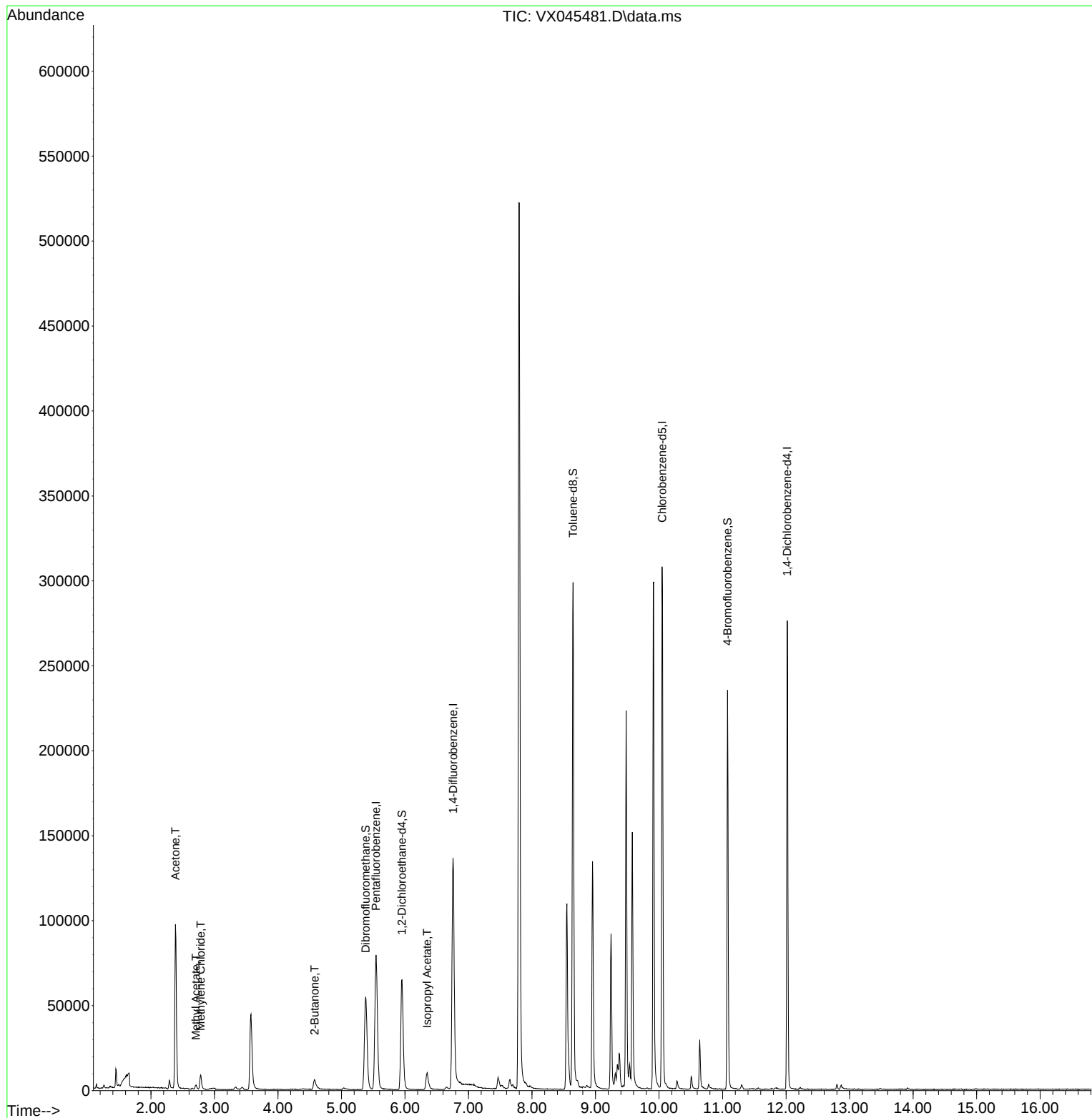
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032725\
Data File : VX045481.D
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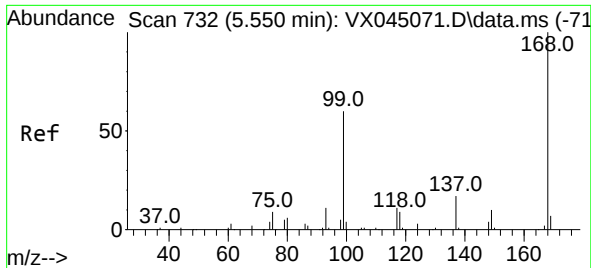
Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#05

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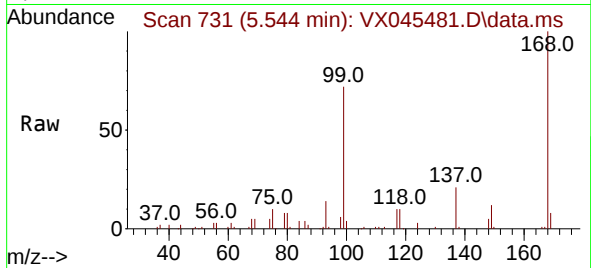
Quant Time: Mar 28 01:36:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045481.D
Acq: 27 Mar 2025 16:44

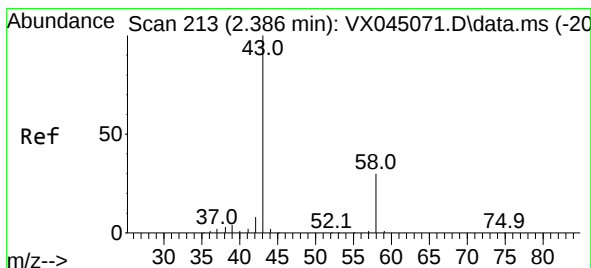
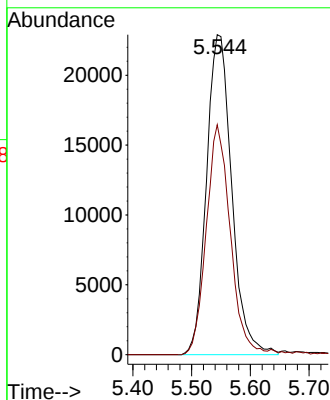
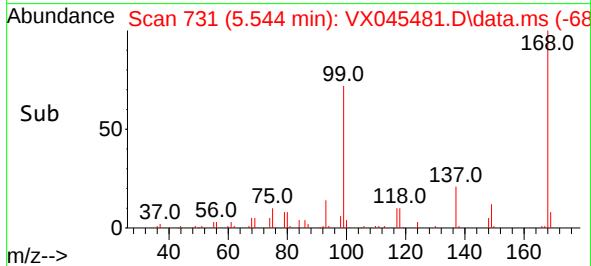
Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#05



Tgt Ion:168 Resp: 6825
Ion Ratio Lower Upper
168 100
99 71.8 48.2 72.4

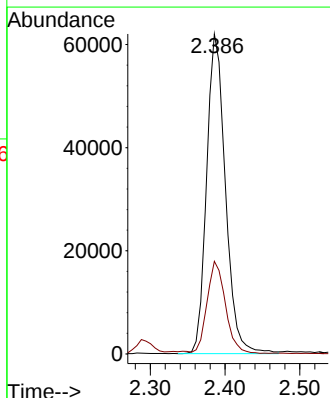
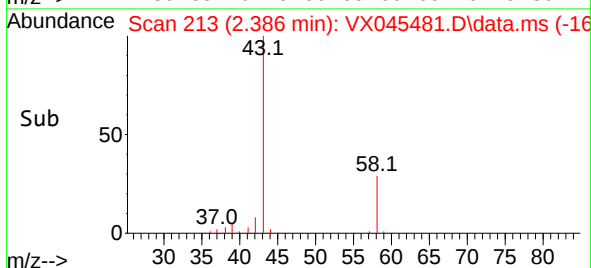
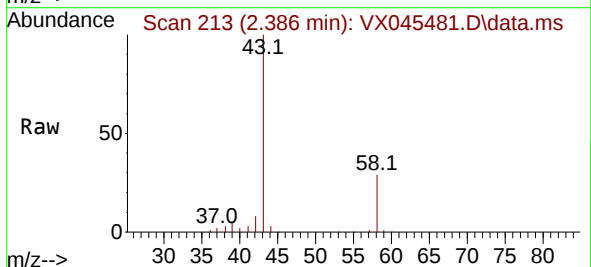
Manual Integrations
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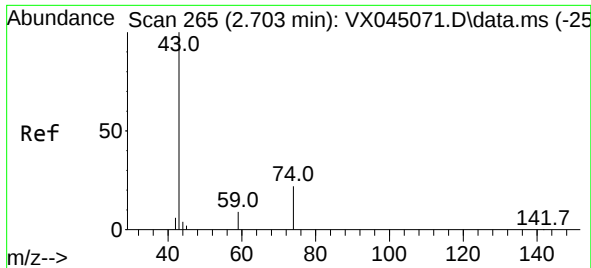
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#16
Acetone
Concen: 215.307 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045481.D
Acq: 27 Mar 2025 16:44

Tgt Ion: 43 Resp: 108463
Ion Ratio Lower Upper
43 100
58 28.7 24.2 36.4





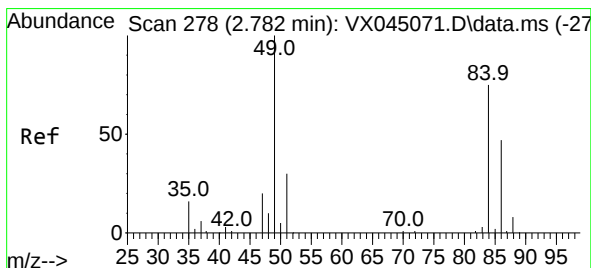
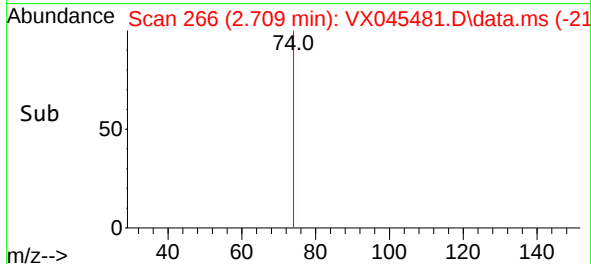
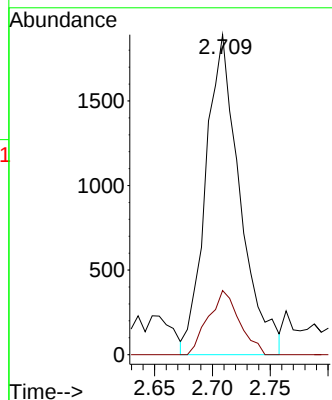
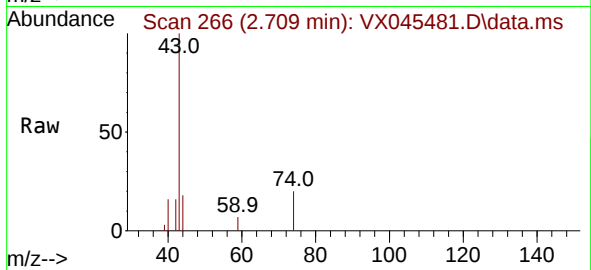
#18
Methyl Acetate
Concen: 3.212 ug/l m
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045481.D
Acq: 27 Mar 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#05

Tgt Ion: 43 Resp: 389
Ion Ratio Lower Upper
43 100
74 18.3 17.4 26.2

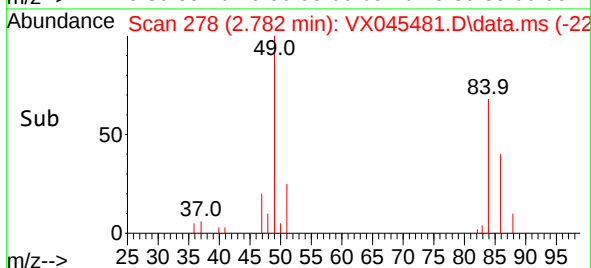
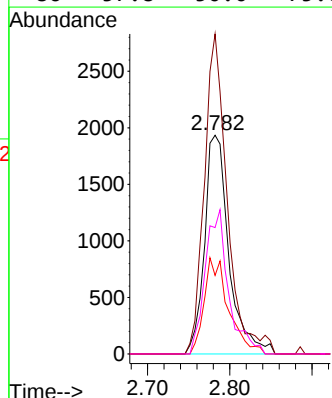
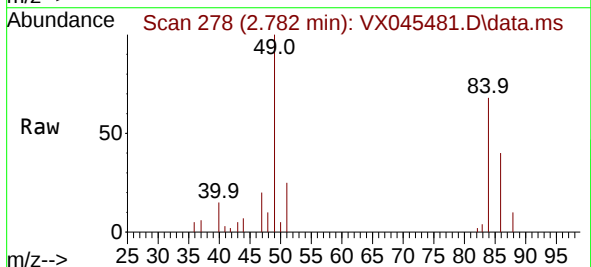
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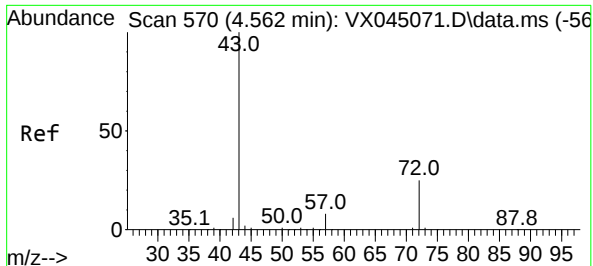
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#20
Methylene Chloride
Concen: 3.994 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045481.D
Acq: 27 Mar 2025 16:44

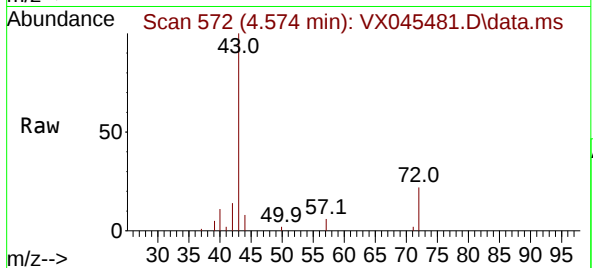
Tgt Ion: 84 Resp: 3986
Ion Ratio Lower Upper
84 100
49 146.3 106.5 159.7
51 35.9 32.1 48.1
86 57.8 50.0 75.0





#25
2-Butanone
Concen: 15.523 ug/l
RT: 4.574 min Scan# 511
Delta R.T. 0.012 min
Lab File: VX045481.D
Acq: 27 Mar 2025 16:44

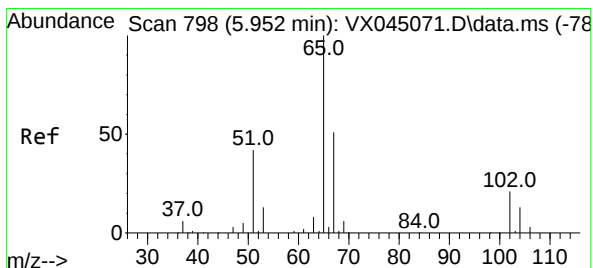
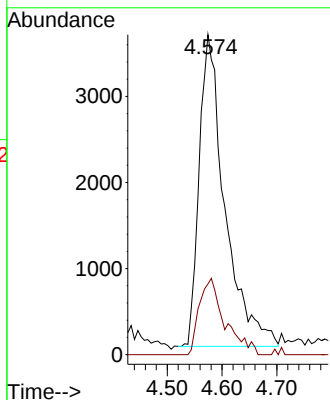
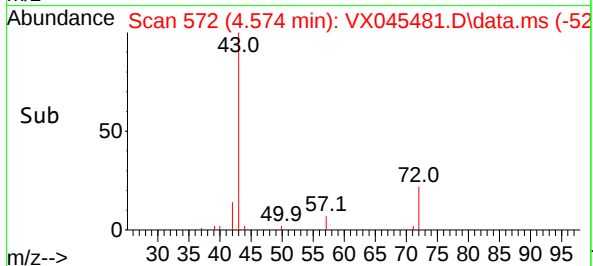
Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#05



Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
72 22.7 20.0 30.0

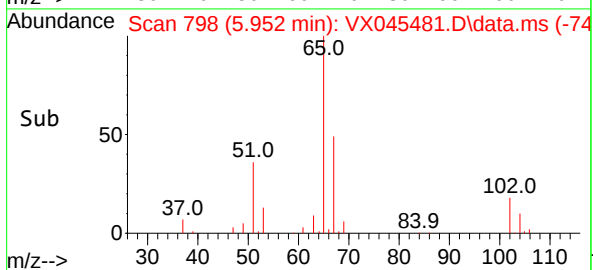
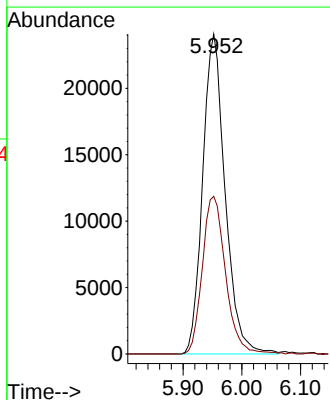
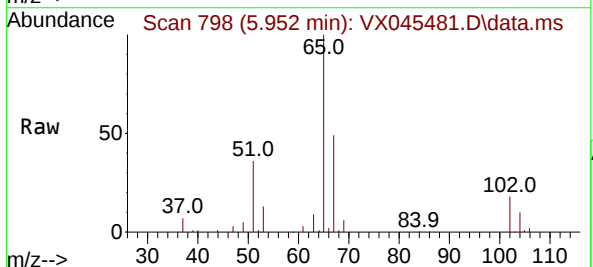
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Supervised By :Mahesh Dadoda 03/28/2025



#33
1,2-Dichloroethane-d4
Concen: 58.855 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045481.D
Acq: 27 Mar 2025 16:44

Tgt Ion: 65 Resp: 63902
Ion Ratio Lower Upper
65 100
67 51.0 0.0 106.2





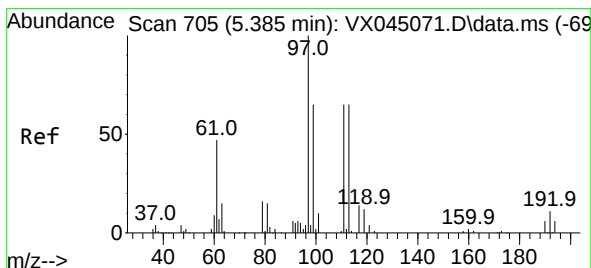
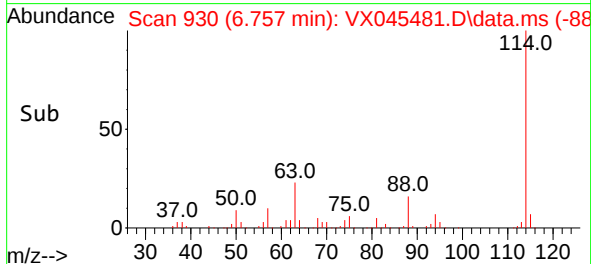
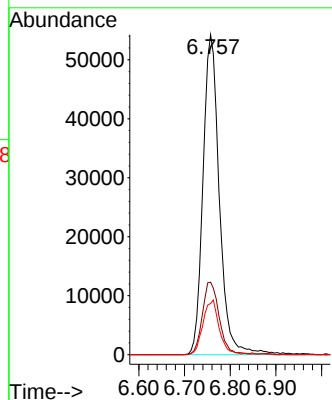
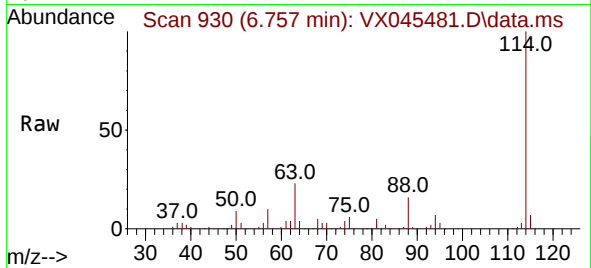
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX045481.D
Acq: 27 Mar 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#05

Tgt Ion:114 Resp: 13503
Ion Ratio Lower Upper
114 100
63 22.7 0.0 41.8
88 16.0 0.0 32.8

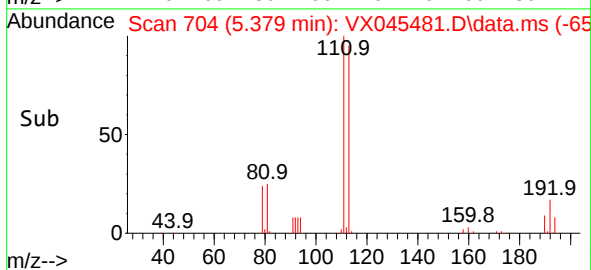
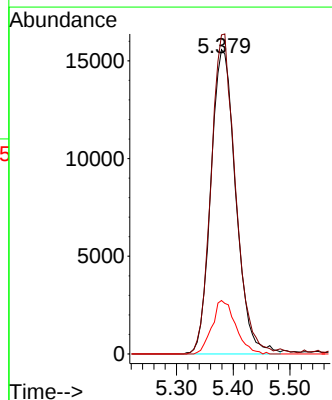
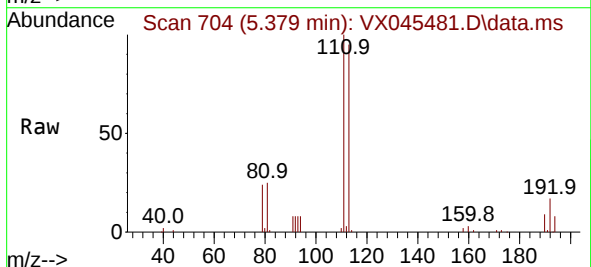
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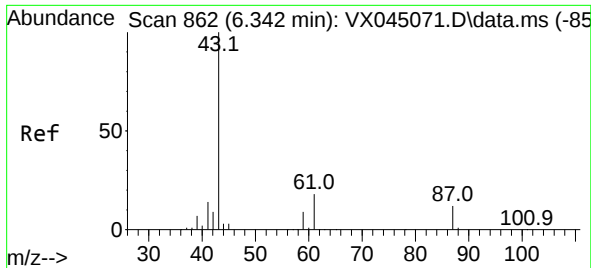
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#35
Dibromofluoromethane
Concen: 52.622 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045481.D
Acq: 27 Mar 2025 16:44

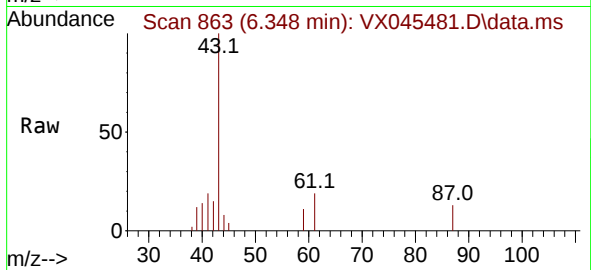
Tgt Ion:113 Resp: 47515
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 16.7 14.3 21.5





#43
Isopropyl Acetate
Concen: 6.070 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX045481.D
Acq: 27 Mar 2025 16:44

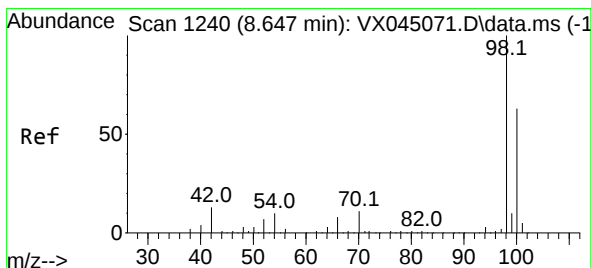
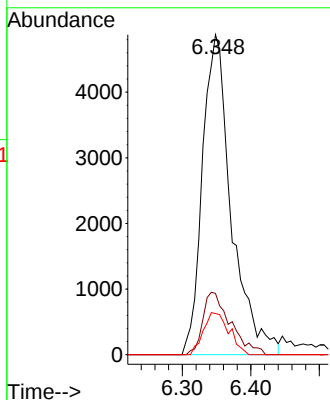
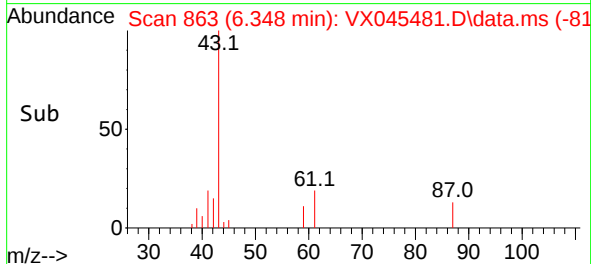
Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#05



Tgt Ion: 43 Resp: 1432
Ion Ratio Lower Upper
43 100
61 18.7 14.9 22.3
87 11.7 9.4 14.2

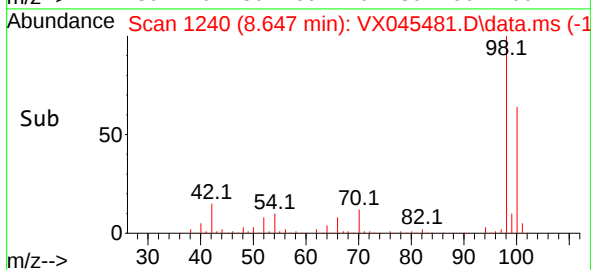
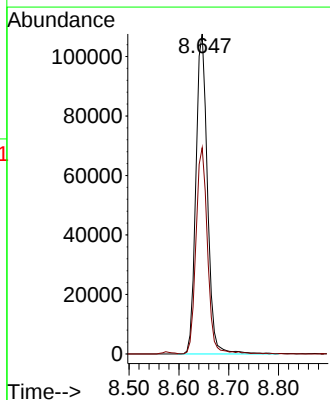
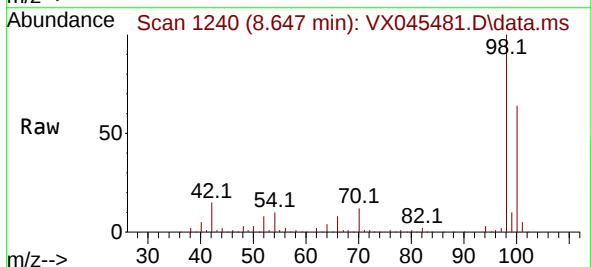
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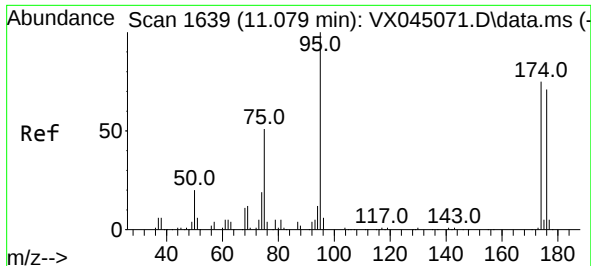
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#50
Toluene-d8
Concen: 52.903 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045481.D
Acq: 27 Mar 2025 16:44

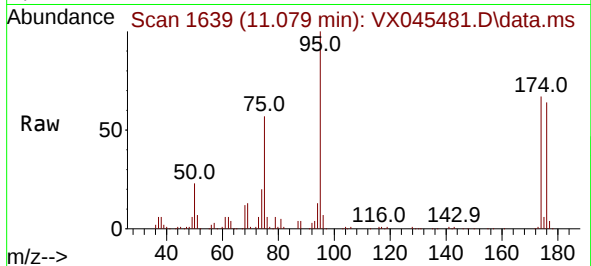
Tgt Ion: 98 Resp: 173180
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 54.274 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045481.D
Acq: 27 Mar 2025 16:44

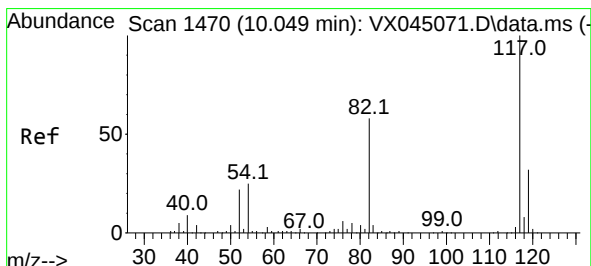
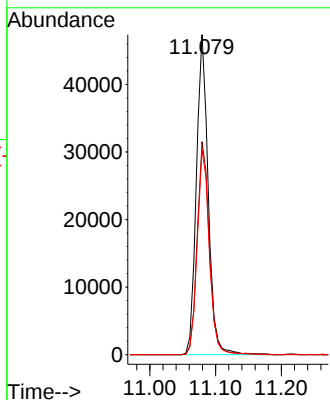
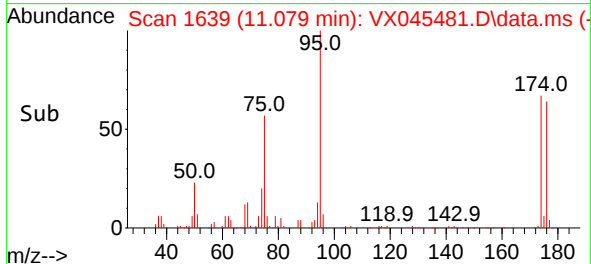
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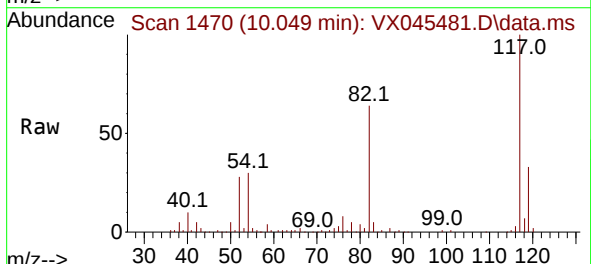
Tgt Ion: 95 Resp: 58874
Ion Ratio Lower Upper
95 100
174 68.7 0.0 148.2
176 65.4 0.0 141.4

Manual Integrations
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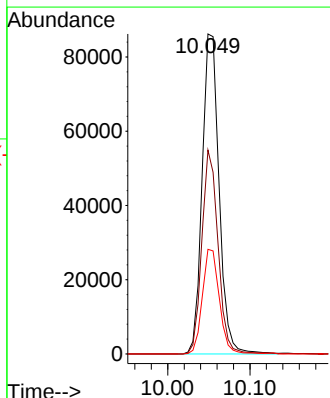
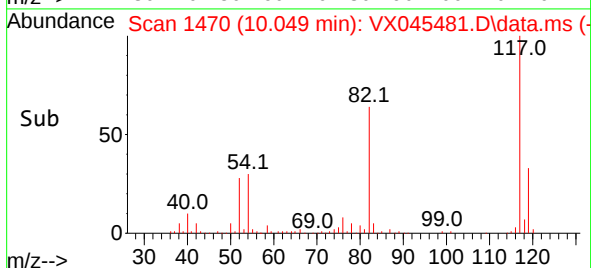
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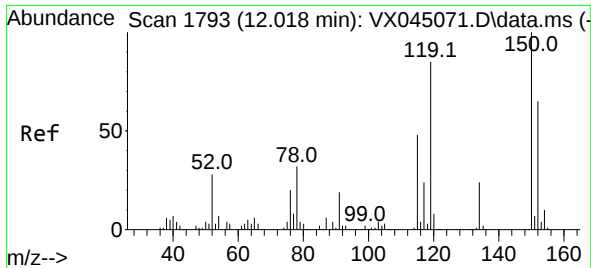


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045481.D
Acq: 27 Mar 2025 16:44



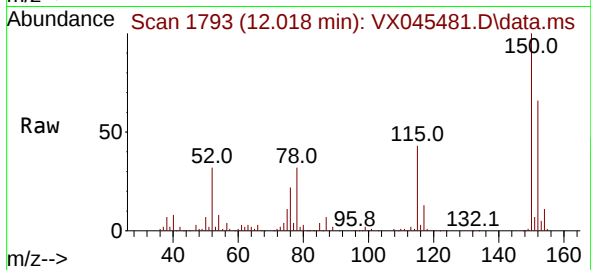
Tgt Ion:117 Resp: 123549
Ion Ratio Lower Upper
117 100
82 63.7 46.3 69.5
119 32.7 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045481.D
 Acq: 27 Mar 2025 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 P167330ZHE#05



Tgt Ion:152 Resp: 50299
 Ion Ratio Lower Upper
 152 100
 115 64.0 44.2 132.6
 150 156.2 0.0 349.0

Manual Integrations
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