

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX047006.D
 Acq On : 15 Jul 2025 16:45
 Operator : JC/MD
 Sample : PB168804TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168804TB

Quant Time: Jul 16 02:29:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/16/2025
 Supervised By : Mahesh Dadoda 07/16/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	316069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	565287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	501766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	256861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	233648	55.956	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.920%			
35) Dibromofluoromethane	5.397	113	187584	48.886	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.780%			
50) Toluene-d8	8.653	98	650423	48.043	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.080%			
62) 4-Bromofluorobenzene	11.079	95	262572	51.031	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.060%			
Target Compounds						Qvalue
8) Diethyl Ether	2.148	74	4433	2.240	ug/l	99
16) Acetone	2.392	43	70090	54.039	ug/l	99
18) Methyl Acetate	2.715	43	34005	9.947	ug/l	96
20) Methylene Chloride	2.806	84	29402	7.666	ug/l	96
25) 2-Butanone	4.599	43	11189	6.466	ug/l	94
37) Ethyl Acetate	4.739	43	19434m	4.407	ug/l	
43) Isopropyl Acetate	6.361	43	16199	2.398	ug/l #	69

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

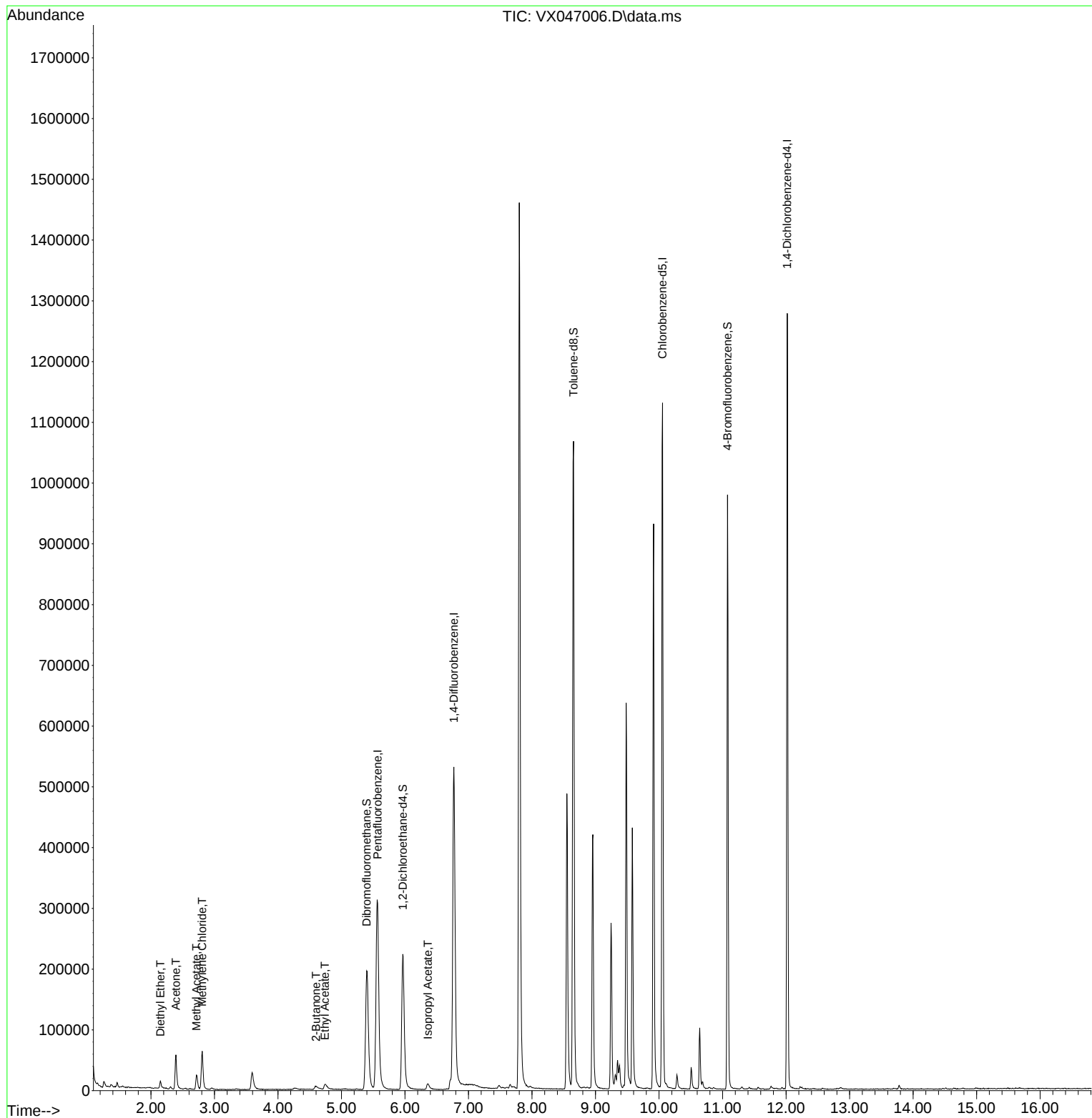
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047006.D
Acq On : 15 Jul 2025 16:45
Operator : JC/MD
Sample : PB168804TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

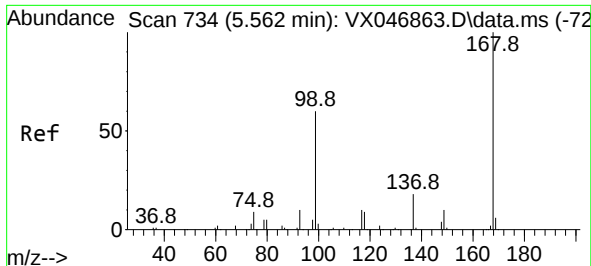
Instrument :
MSVOA_X
ClientSampleId :
PB168804TB

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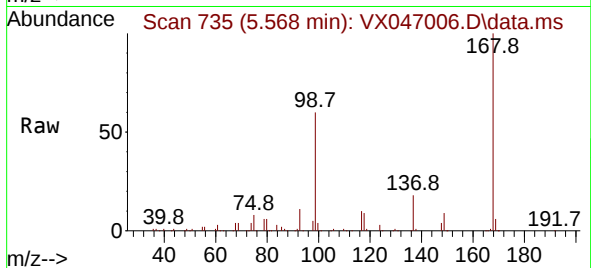
Quant Time: Jul 16 02:29:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047006.D
Acq: 15 Jul 2025 16:45

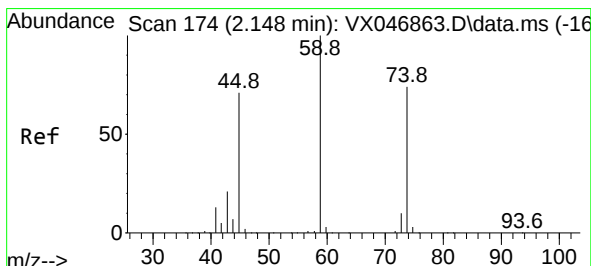
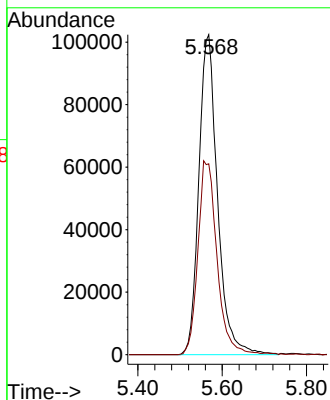
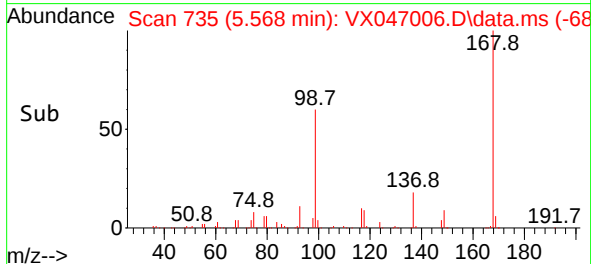
Instrument :
MSVOA_X
ClientSampleId :
PB168804TB



Tgt Ion:168 Resp: 316069
Ion Ratio Lower Upper
168 100
99 59.7 48.8 73.2

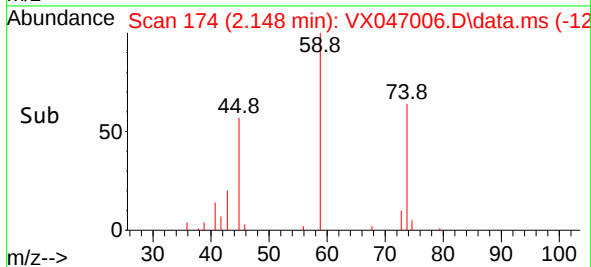
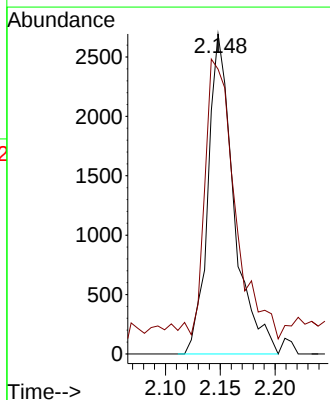
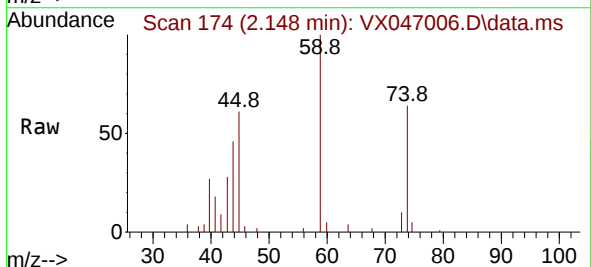
Manual Integrations
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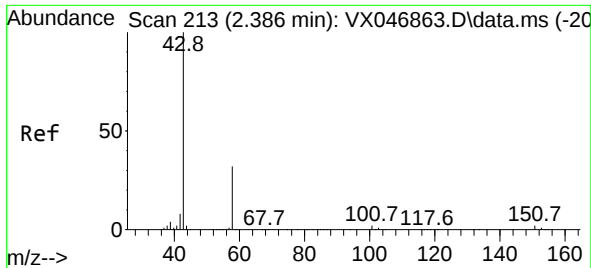
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#8
Diethyl Ether
Concen: 2.240 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX047006.D
Acq: 15 Jul 2025 16:45

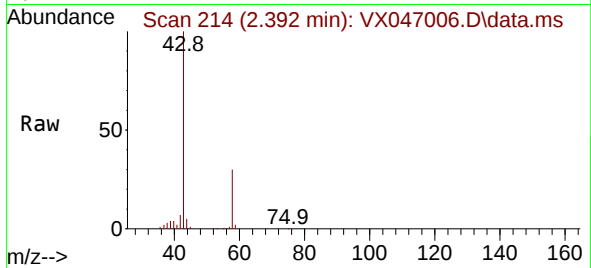
Tgt Ion: 74 Resp: 4433
Ion Ratio Lower Upper
74 100
45 100.3 50.7 152.1





#16
Acetone
Concen: 54.039 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX047006.D
Acq: 15 Jul 2025 16:45

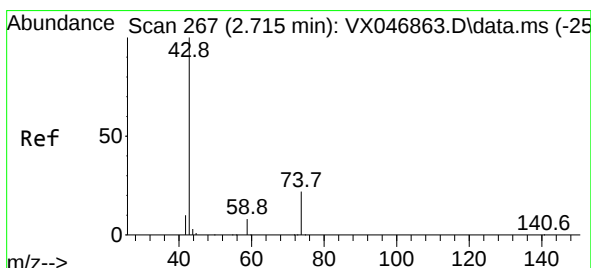
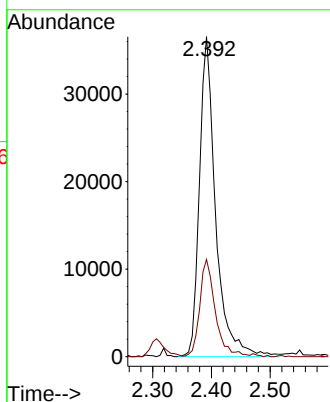
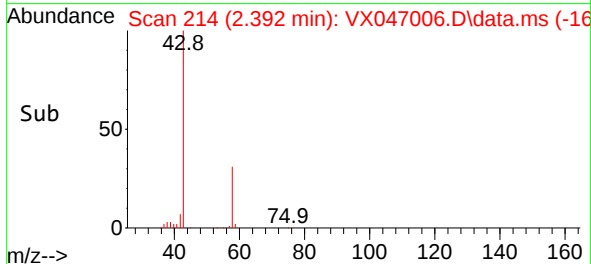
Instrument :
MSVOA_X
ClientSampleId :
PB168804TB



Tgt Ion: 43 Resp: 70090
Ion Ratio Lower Upper
43 100
58 31.8 25.8 38.6

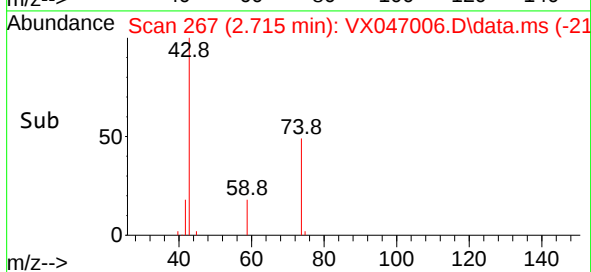
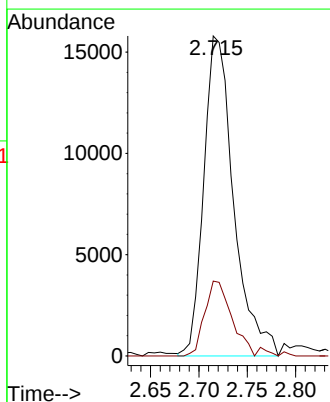
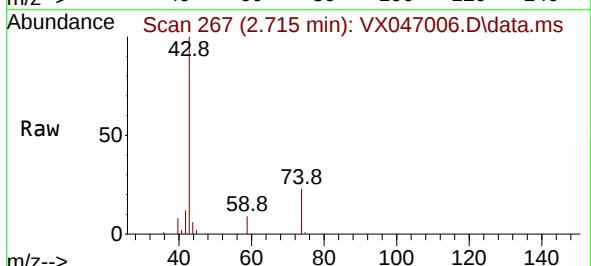
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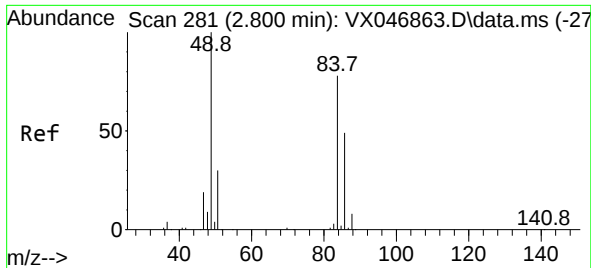
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#18
Methyl Acetate
Concen: 9.947 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047006.D
Acq: 15 Jul 2025 16:45

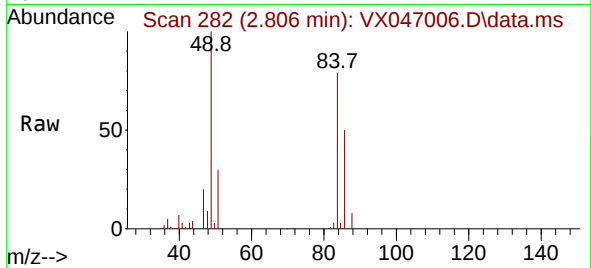
Tgt Ion: 43 Resp: 34005
Ion Ratio Lower Upper
43 100
74 21.0 18.3 27.5





#20
Methylene Chloride
Concen: 7.666 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047006.D
Acq: 15 Jul 2025 16:45

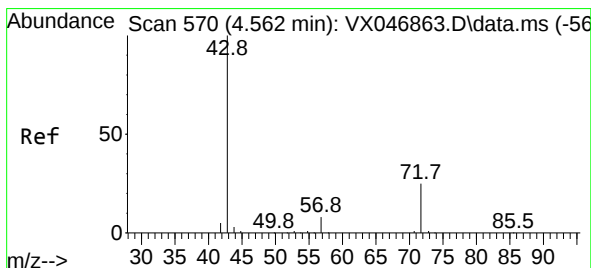
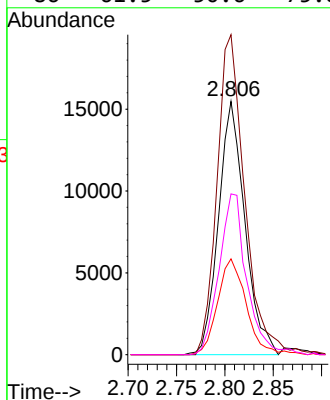
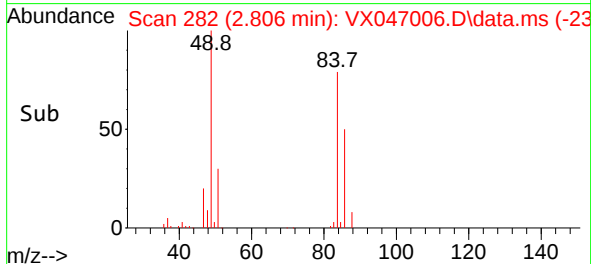
Instrument :
MSVOA_X
ClientSampleId :
PB168804TB



Tgt Ion: 84 Resp: 2940
Ion Ratio Lower Upper
84 100
49 122.5 102.8 154.2
51 36.7 31.1 46.7
86 61.5 50.6 75.8

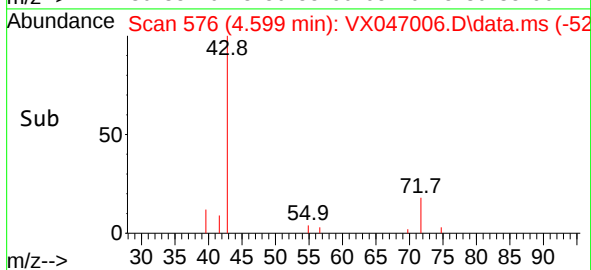
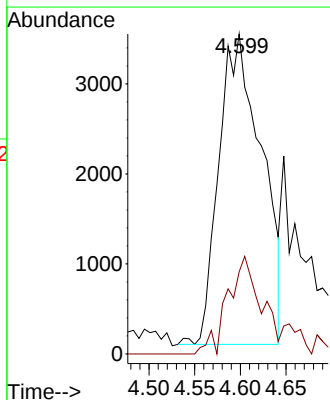
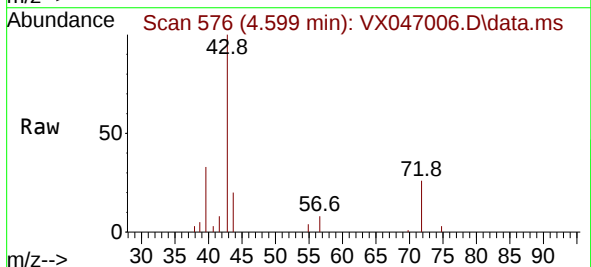
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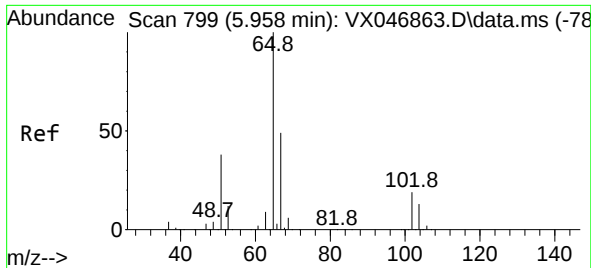
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#25
2-Butanone
Concen: 6.466 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.036 min
Lab File: VX047006.D
Acq: 15 Jul 2025 16:45

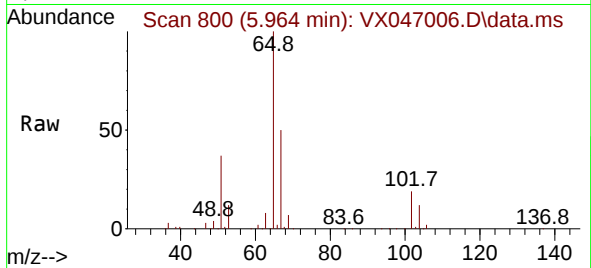
Tgt Ion: 43 Resp: 11189
Ion Ratio Lower Upper
43 100
72 21.9 20.0 30.0





#33
1,2-Dichloroethane-d4
Concen: 55.956 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047006.D
Acq: 15 Jul 2025 16:45

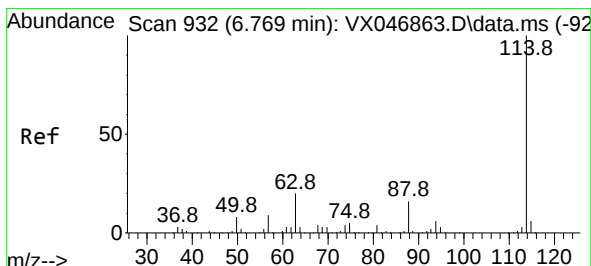
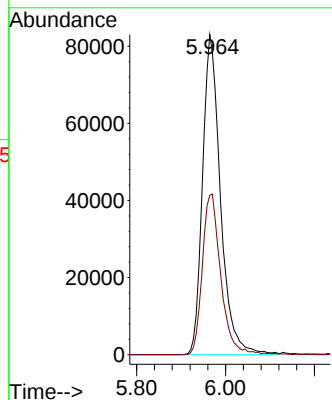
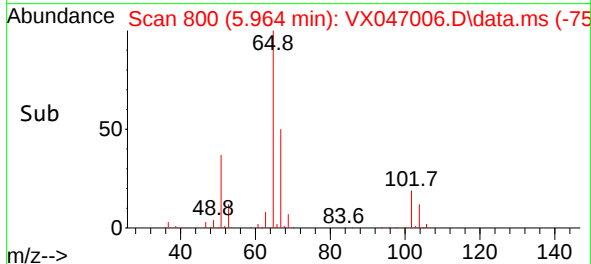
Instrument :
MSVOA_X
ClientSampleId :
PB168804TB



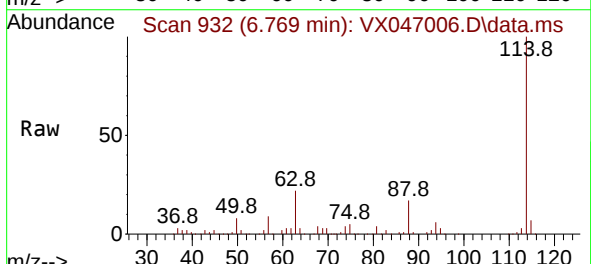
Tgt Ion: 65 Resp: 233648
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.2

Manual Integrations
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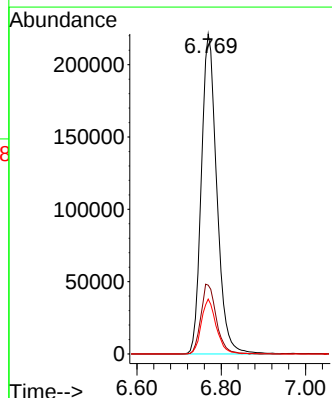
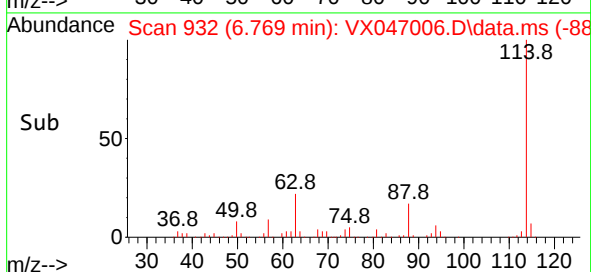
Reviewed By :John Carlone 07/16/2025
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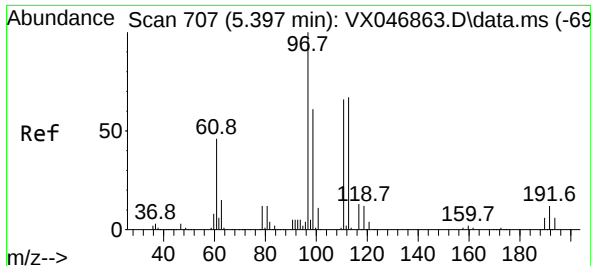


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX047006.D
Acq: 15 Jul 2025 16:45



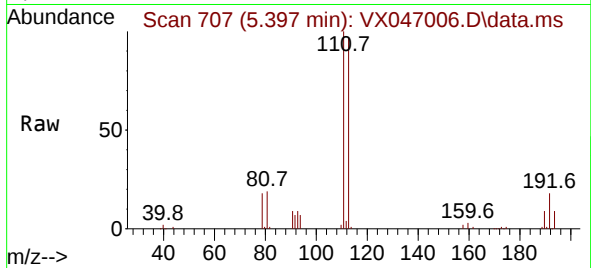
Tgt Ion:114 Resp: 565287
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.4
88 17.2 0.0 31.0





#35
Dibromofluoromethane
Concen: 48.886 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047006.D
Acq: 15 Jul 2025 16:45

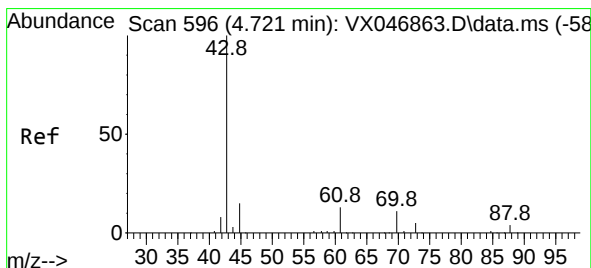
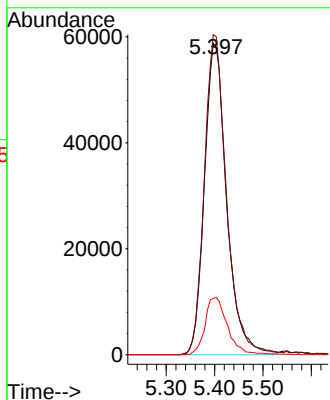
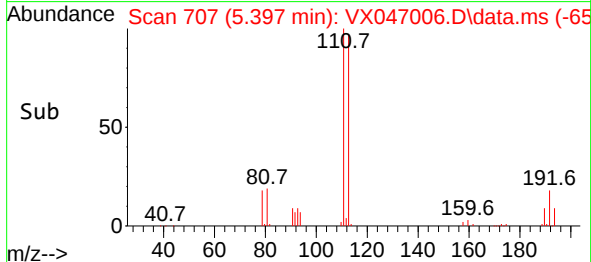
Instrument :
MSVOA_X
ClientSampleId :
PB168804TB



Tgt Ion: 113 Resp: 187584
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 18.6 15.3 22.9

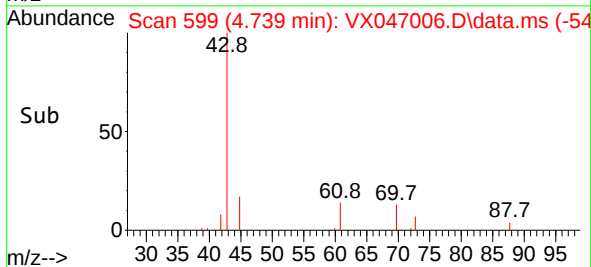
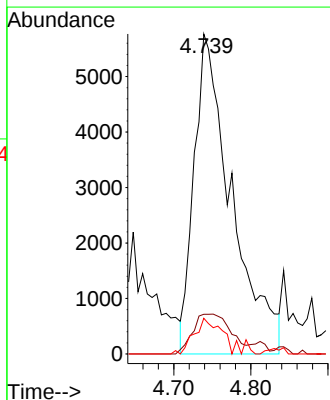
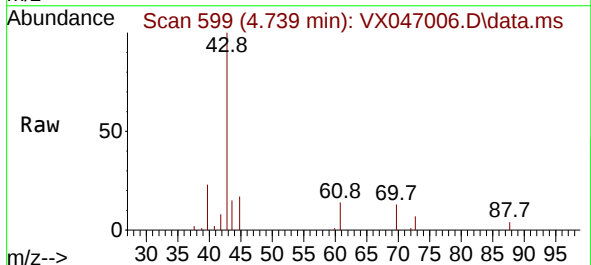
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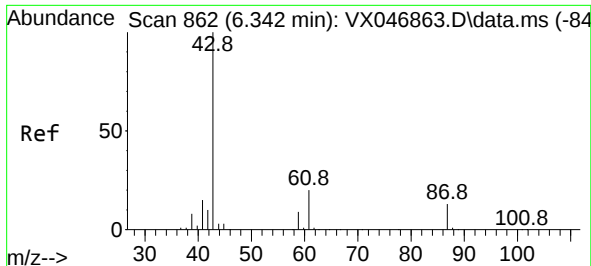
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#37
Ethyl Acetate
Concen: 4.407 ug/l m
RT: 4.739 min Scan# 599
Delta R.T. 0.018 min
Lab File: VX047006.D
Acq: 15 Jul 2025 16:45

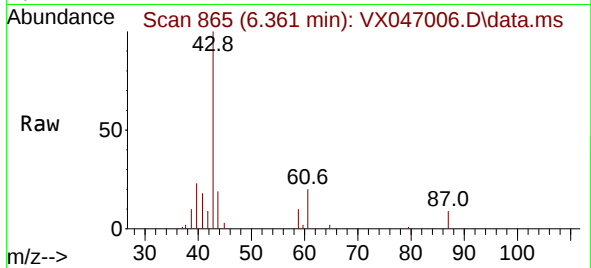
Tgt Ion: 43 Resp: 19434
Ion Ratio Lower Upper
43 100
61 12.5 9.7 14.5
70 8.3 8.3 12.5





#43
Isopropyl Acetate
Concen: 2.398 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.018 min
Lab File: VX047006.D
Acq: 15 Jul 2025 16:45

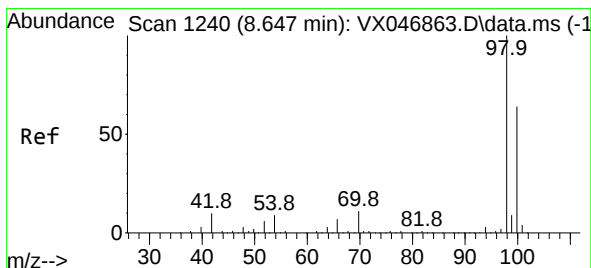
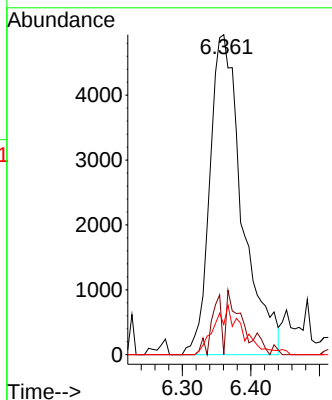
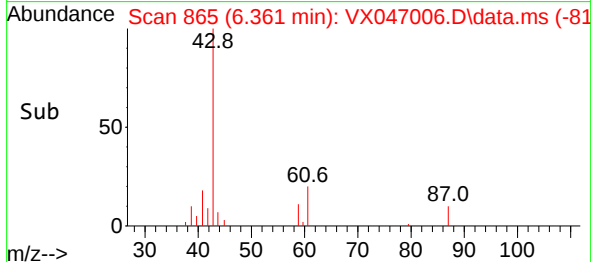
Instrument :
MSVOA_X
ClientSampleId :
PB168804TB



Tgt Ion: 43 Resp: 16199
Ion Ratio Lower Upper
43 100
61 5.7 15.7 23.5
87 0.0 10.1 15.1

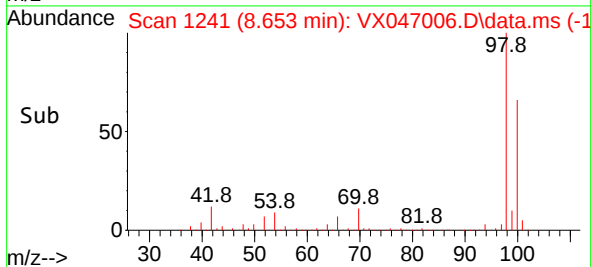
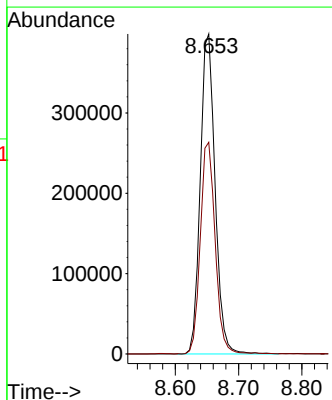
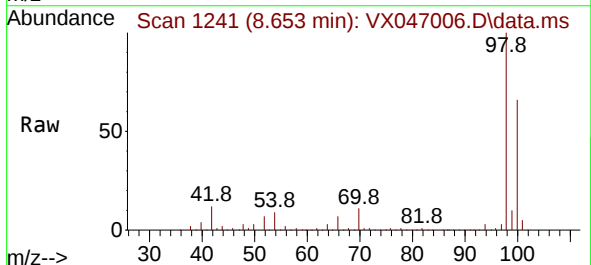
Manual Integrations
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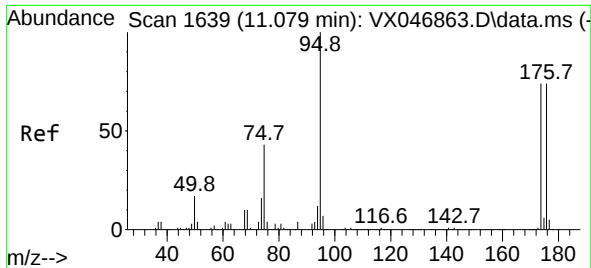
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#50
Toluene-d8
Concen: 48.043 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX047006.D
Acq: 15 Jul 2025 16:45

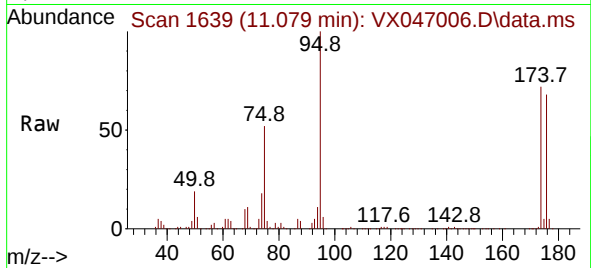
Tgt Ion: 98 Resp: 650423
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6





#62
4-Bromofluorobenzene
Concen: 51.031 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047006.D
Acq: 15 Jul 2025 16:45

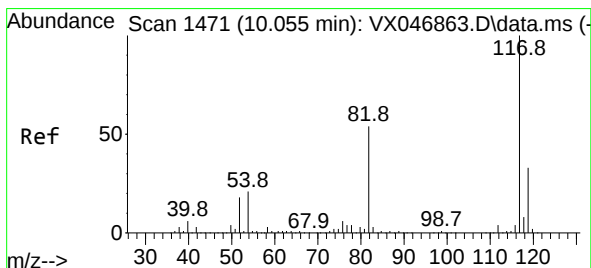
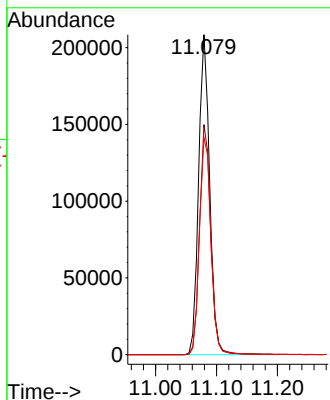
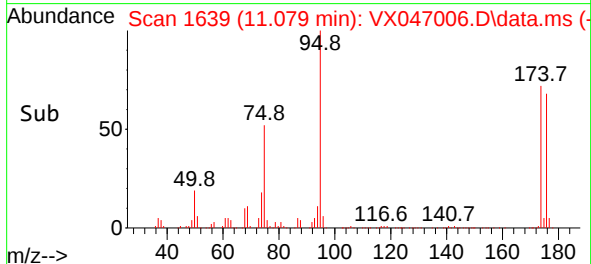
Instrument :
MSVOA_X
ClientSampleId :
PB168804TB



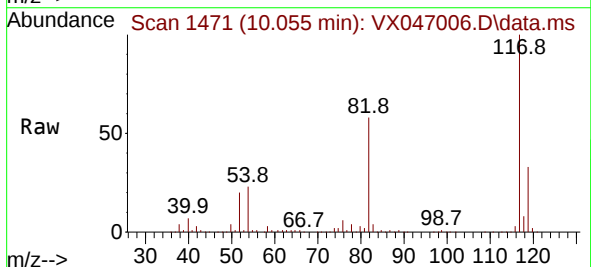
Tgt Ion: 95 Resp: 262572
Ion Ratio Lower Upper
95 100
174 72.7 0.0 152.0
176 70.4 0.0 145.2

Manual Integrations
APPROVED

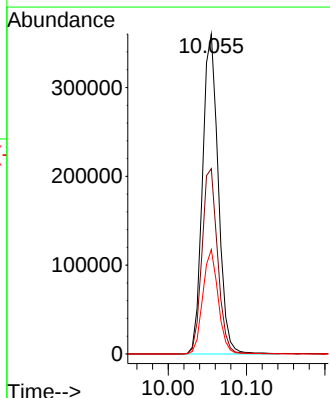
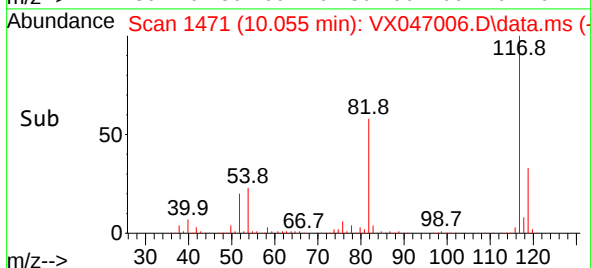
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

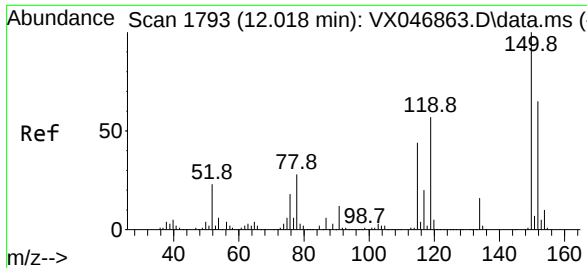


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047006.D
Acq: 15 Jul 2025 16:45



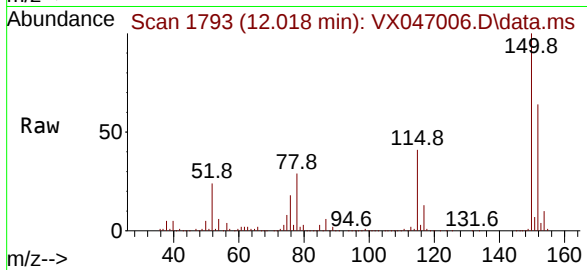
Tgt Ion:117 Resp: 501766
Ion Ratio Lower Upper
117 100
82 57.9 43.3 64.9
119 32.6 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047006.D
 Acq: 15 Jul 2025 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168804TB



Tgt Ion:152 Resp: 25686
 Ion Ratio Lower Upper
 152 100
 115 60.7 42.4 127.1
 150 157.2 0.0 349.2

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/16/2025
 Supervised By :Mahesh Dadoda 07/16/2025

