

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045955.D
 Acq On : 28 Apr 2025 14:40
 Operator : JC/MD
 Sample : Q1874-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HT3727

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2025
 Supervised By : Semsettin Yesilyurt 04/29/2025

Quant Time: Apr 29 01:34:20 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	5.543	168	64662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129274	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65743	55.597	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.200%			
35) Dibromofluoromethane	5.379	113	47078	51.328	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.660%			
50) Toluene-d8	8.647	98	165984	51.847	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.700%			
62) 4-Bromofluorobenzene	11.079	95	60781	52.123	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.240%			
Target Compounds						
16) Acetone	2.379	43	52502	108.125	ug/l	96
18) Methyl Acetate	2.709	43	1798	1.608	ug/l	99
20) Methylene Chloride	2.788	84	2268	2.495	ug/l	93
25) 2-Butanone	4.580	43	5241m	7.374	ug/l	
43) Isopropyl Acetate	6.342	43	10807	4.569	ug/l	98

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

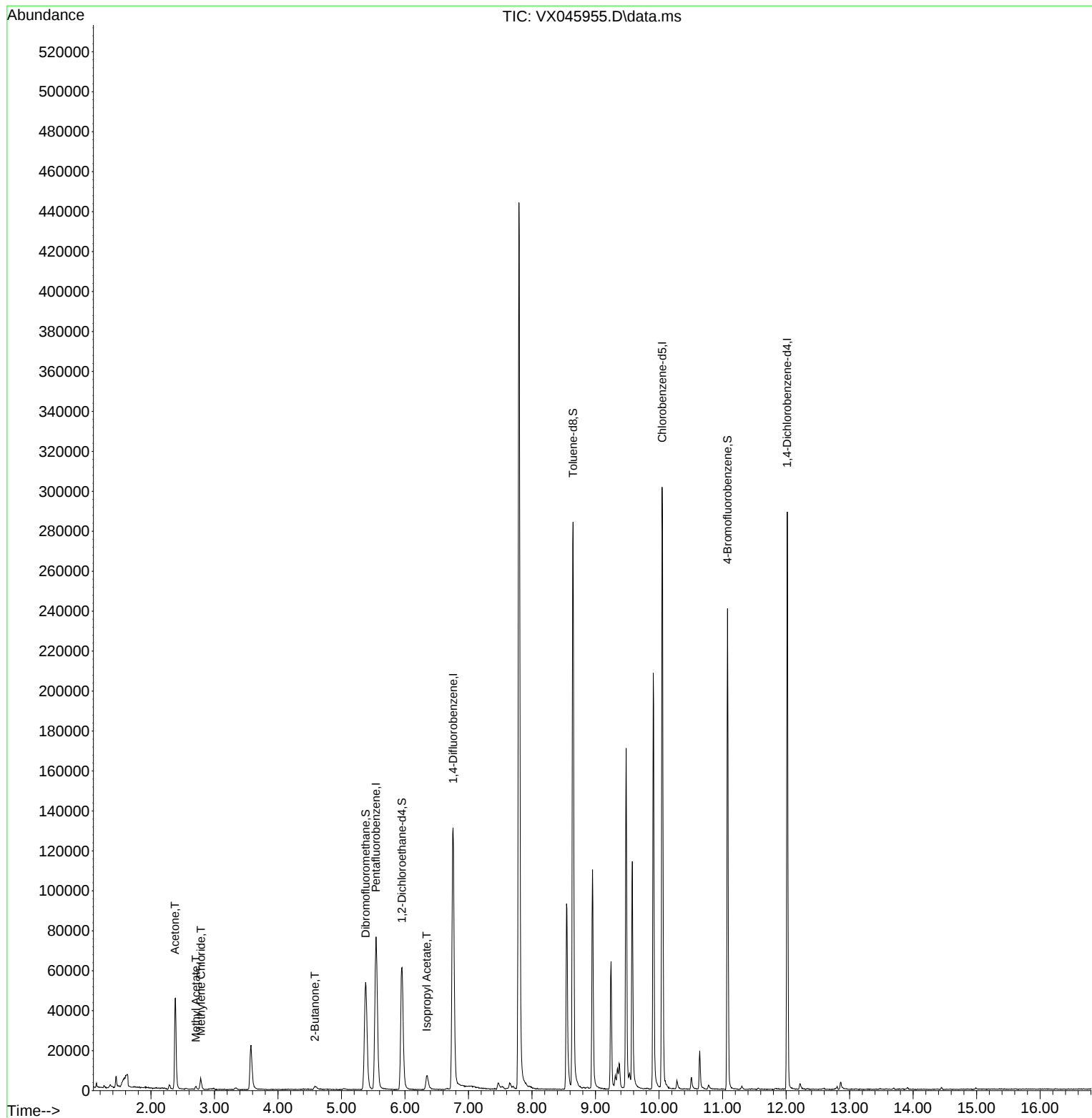
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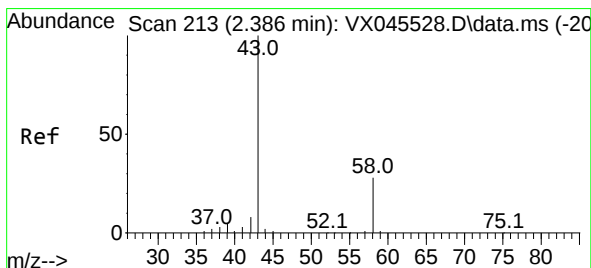
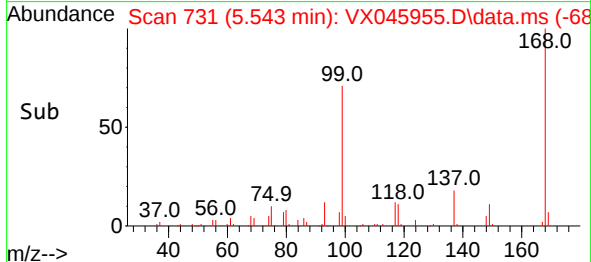
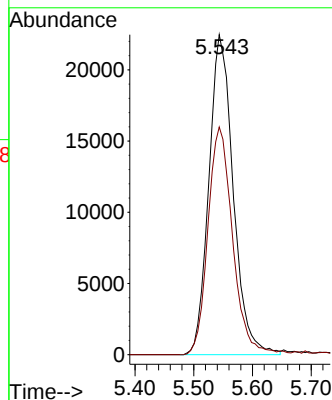
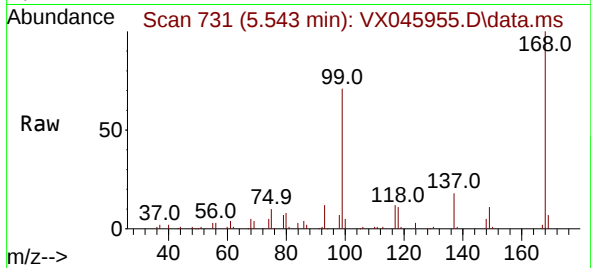
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045955.D
Acq: 28 Apr 2025 14:40

Instrument :
MSVOA_X
ClientSampleId :
HT3727

Tgt Ion:168 Resp: 64662
Ion Ratio Lower Upper
168 100
99 71.1 52.3 78.5

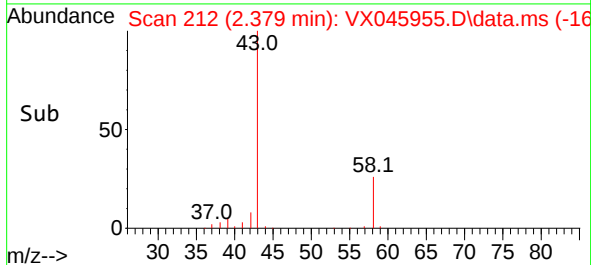
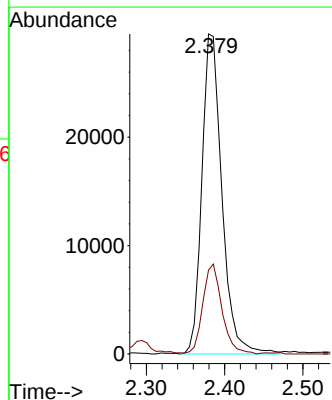
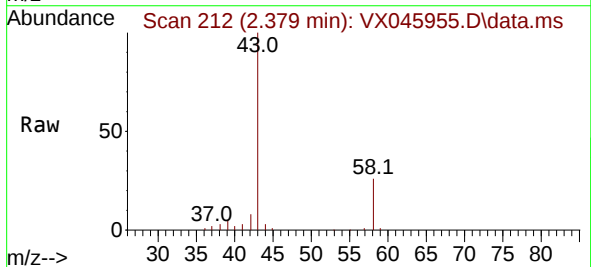
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#16
Acetone
Concen: 108.125 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045955.D
Acq: 28 Apr 2025 14:40

Tgt Ion: 43 Resp: 52502
Ion Ratio Lower Upper
43 100
58 25.8 22.3 33.5





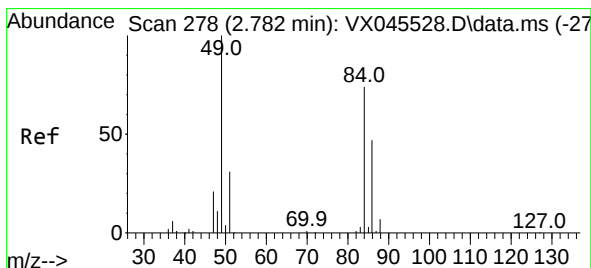
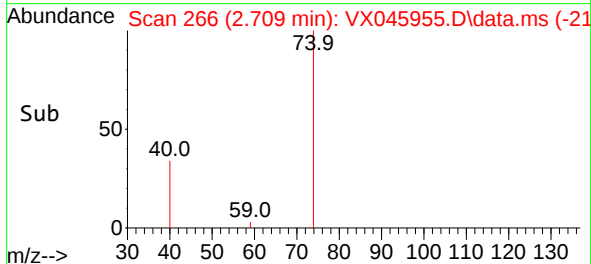
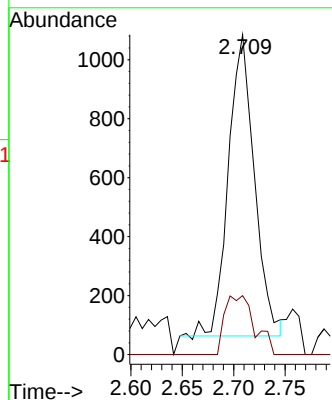
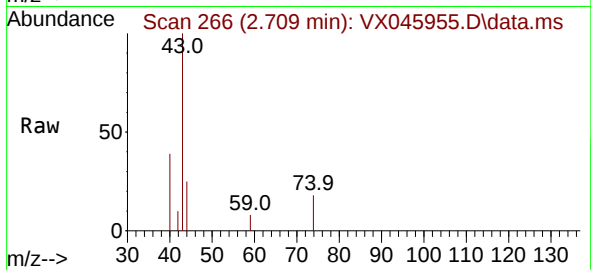
#18
Methyl Acetate
Concen: 1.608 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045955.D
Acq: 28 Apr 2025 14:40

Instrument :
MSVOA_X
ClientSampleId :
HT3727

Tgt Ion: 43 Resp: 1798
Ion Ratio Lower Upper
43 100
74 22.4 17.5 26.3

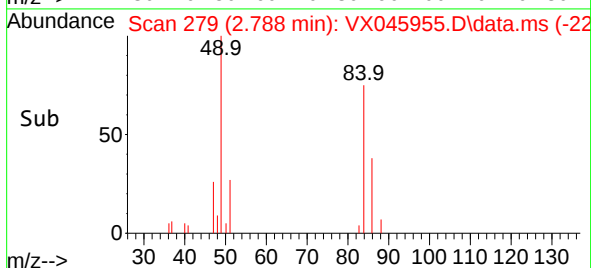
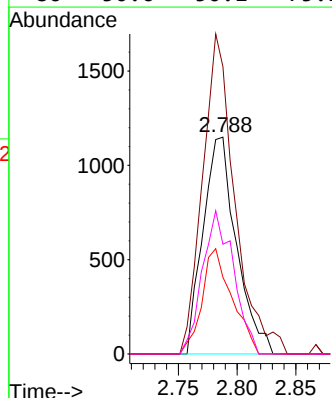
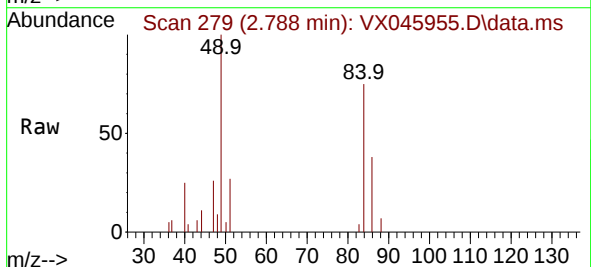
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#20
Methylene Chloride
Concen: 2.495 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045955.D
Acq: 28 Apr 2025 14:40

Tgt Ion: 84 Resp: 2268
Ion Ratio Lower Upper
84 100
49 132.5 107.5 161.3
51 35.3 33.0 49.6
86 50.6 50.1 75.1





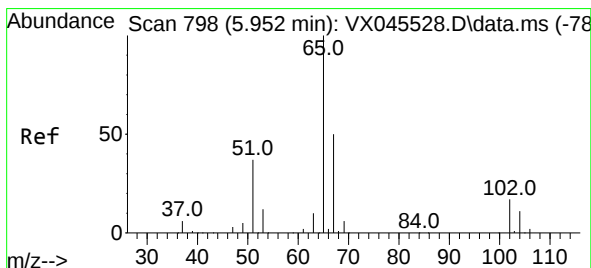
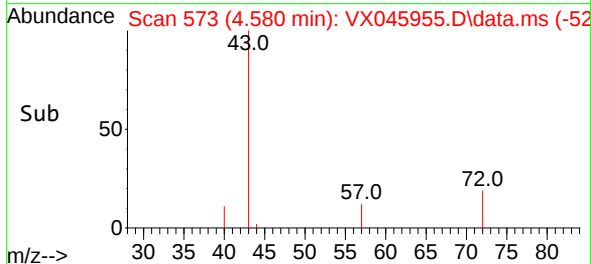
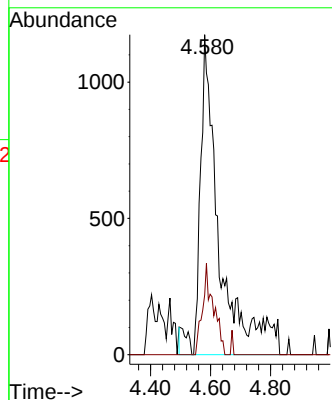
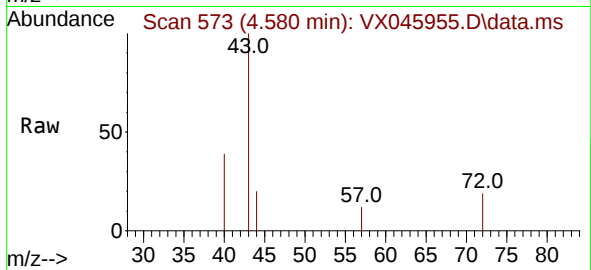
#25
2-Butanone
Concen: 7.374 ug/l m
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX045955.D
Acq: 28 Apr 2025 14:40

Instrument :
MSVOA_X
ClientSampleId :
HT3727

Tgt Ion: 43 Resp: 524
Ion Ratio Lower Upper
43 100
72 18.7 18.6 28.0

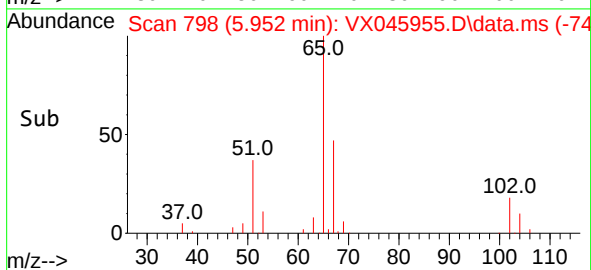
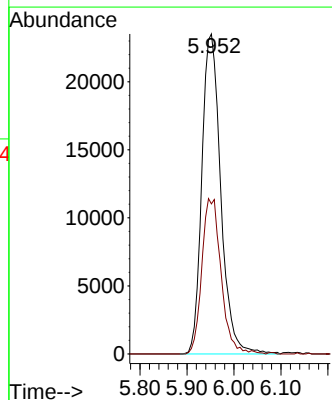
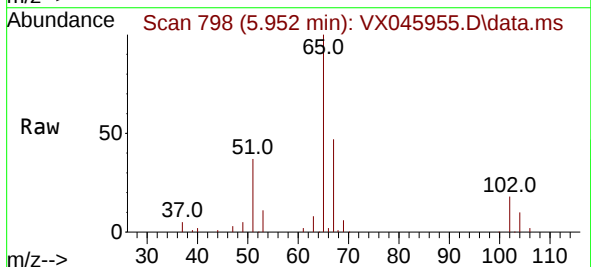
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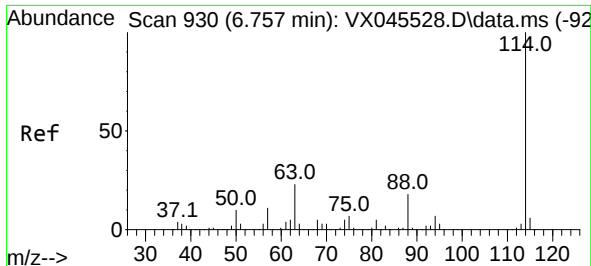
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#33
1,2-Dichloroethane-d4
Concen: 55.597 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045955.D
Acq: 28 Apr 2025 14:40

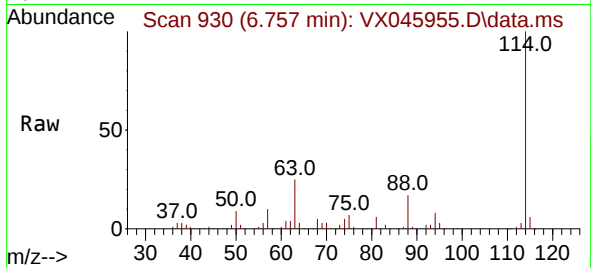
Tgt Ion: 65 Resp: 65743
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045955.D
Acq: 28 Apr 2025 14:40

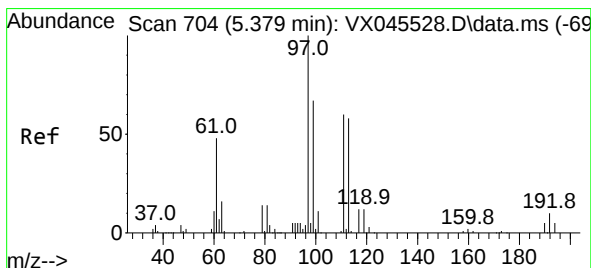
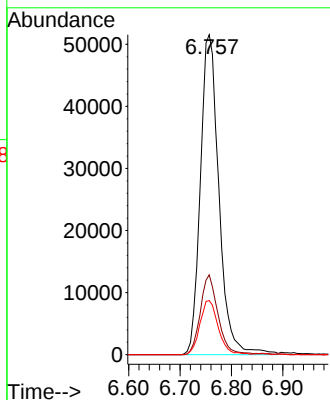
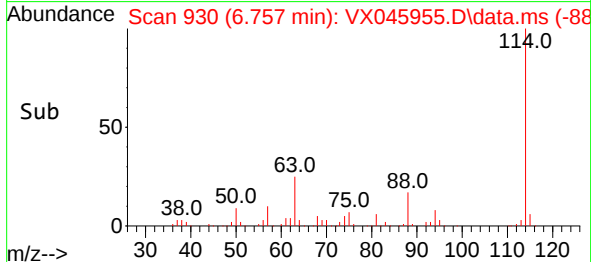
Instrument :
MSVOA_X
ClientSampleId :
HT3727



Tgt Ion:114 Resp: 129274
Ion Ratio Lower Upper
114 100
63 25.0 0.0 46.8
88 16.9 0.0 35.4

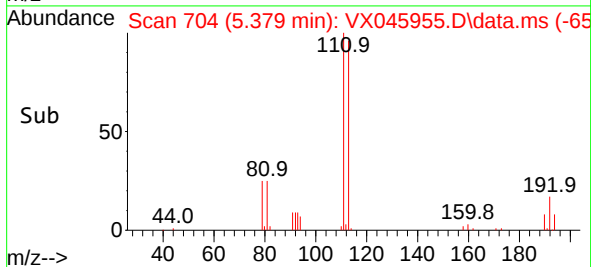
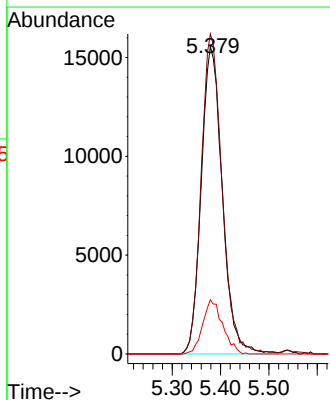
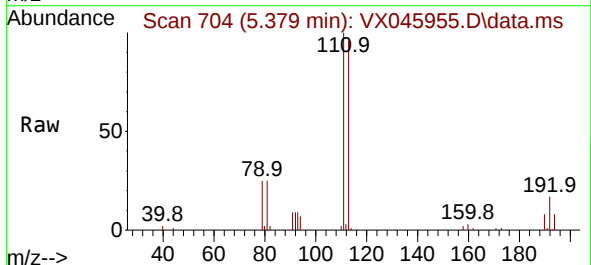
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#35
Dibromofluoromethane
Concen: 51.328 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045955.D
Acq: 28 Apr 2025 14:40

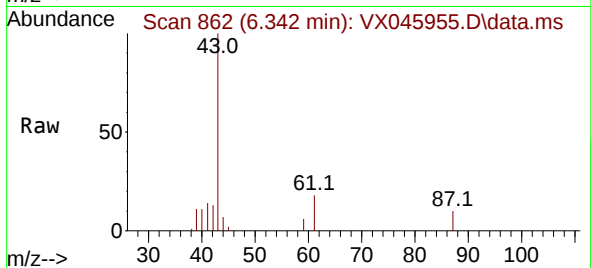
Tgt Ion:113 Resp: 47078
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.6
192 16.7 13.8 20.6





#43
Isopropyl Acetate
Concen: 4.569 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX045955.D
Acq: 28 Apr 2025 14:40

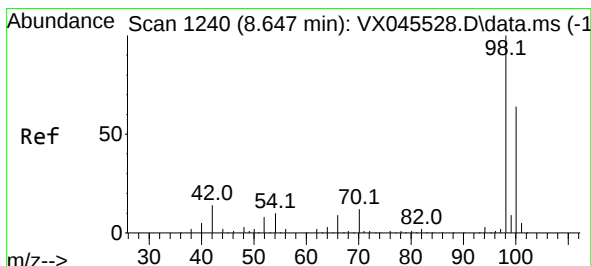
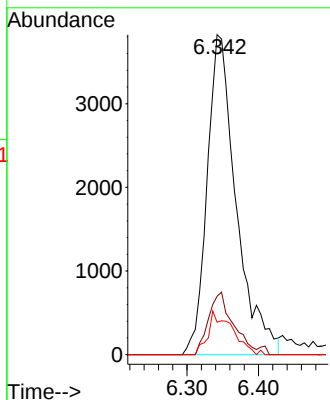
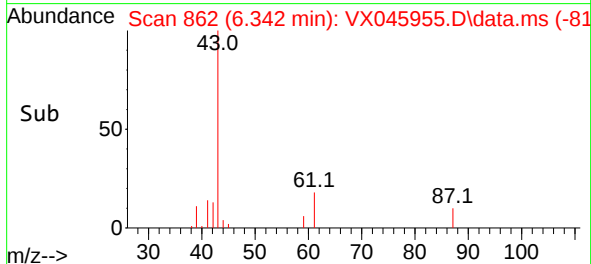
Instrument :
MSVOA_X
ClientSampleId :
HT3727



Tgt Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
61 16.6 14.1 21.1
87 11.4 9.2 13.8

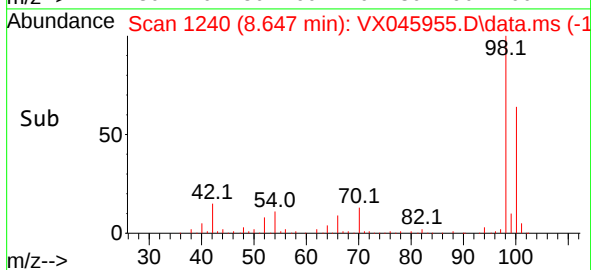
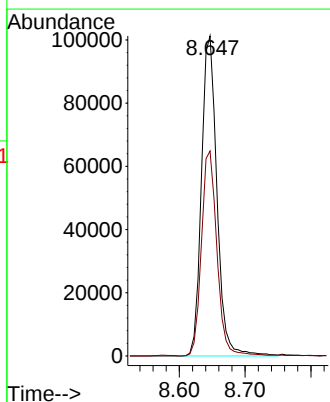
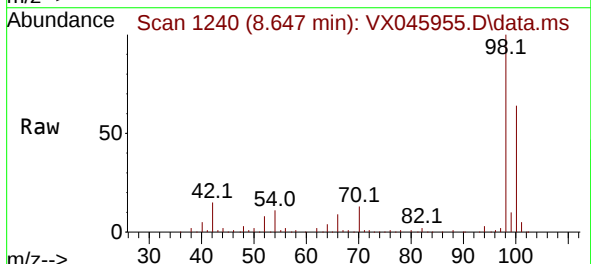
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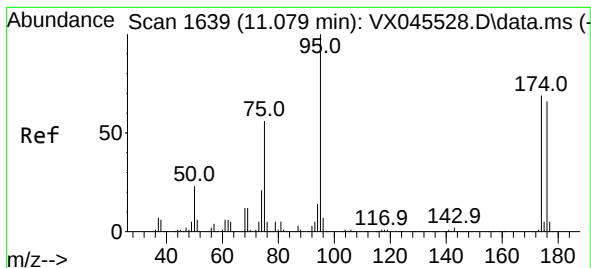
Reviewed By :John Carlone 04/29/2025
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#50
Toluene-d8
Concen: 51.847 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045955.D
Acq: 28 Apr 2025 14:40

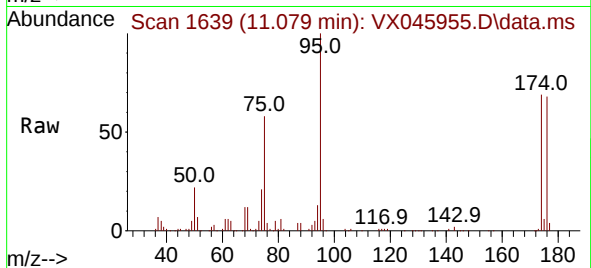
Tgt Ion: 98 Resp: 165984
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4





#62
4-Bromofluorobenzene
Concen: 52.123 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045955.D
Acq: 28 Apr 2025 14:40

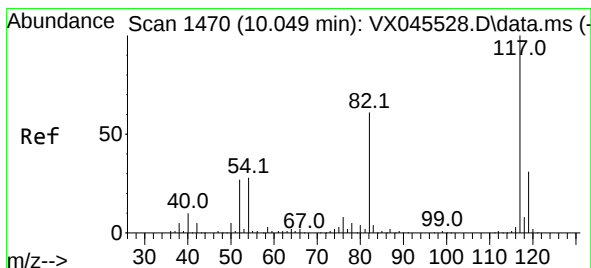
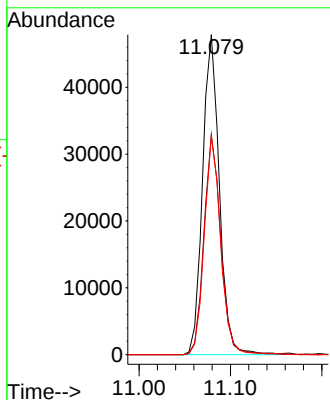
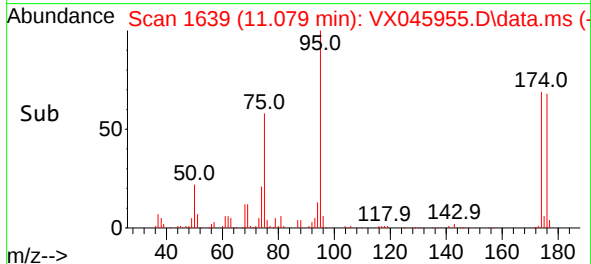
Instrument :
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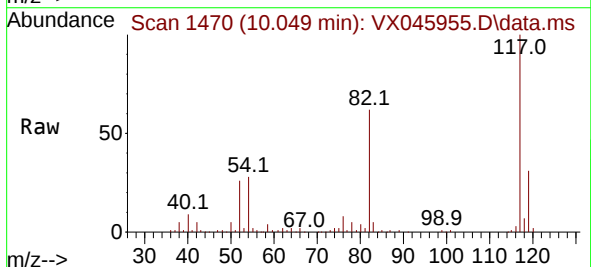
Tgt Ion: 95 Resp: 6078
Ion Ratio Lower Upper
95 100
174 69.2 0.0 135.8
176 66.8 0.0 131.4

Manual Integrations
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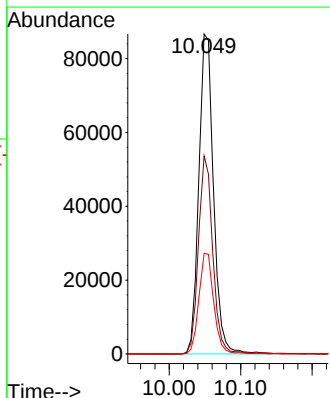
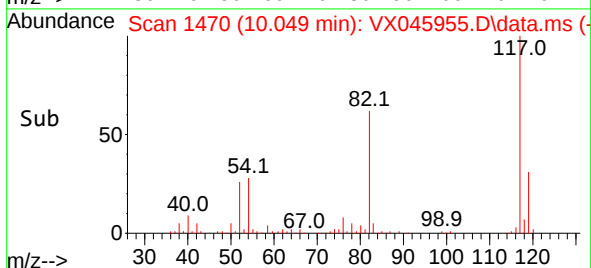
Reviewed By :John Carlone 04/29/2025
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045955.D
Acq: 28 Apr 2025 14:40



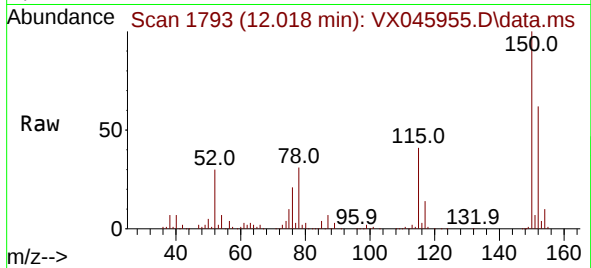
Tgt Ion:117 Resp: 123798
Ion Ratio Lower Upper
117 100
82 61.9 49.2 73.8
119 31.5 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045955.D
 Acq: 28 Apr 2025 14:40

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 5282
 Ion Ratio Lower Upper
 152 100
 115 64.1 46.9 140.7
 150 154.9 0.0 349.4

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