

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040517.D
 Acq On : 28 Feb 2024 17:35
 Operator : JC/MD
 Sample : P1613-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1851DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/29/2024
 Supervised By : Mahesh Dadoda 02/29/2024

Quant Time: Feb 29 03:53:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	78241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	136609	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65037	49.699	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.400%		
35) Dibromofluoromethane	5.385	113	46304	48.743	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.480%		
50) Toluene-d8	8.647	98	166151	48.184	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.360%		
62) 4-Bromofluorobenzene	11.079	95	66155	50.329	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.660%		
Target Compounds						
16) Acetone	2.374	43	40044	93.831	ug/l	97
25) 2-Butanone	4.574	43	1589m	2.137	ug/l	
52) Toluene	8.720	92	66064	27.166	ug/l	94
67) Ethyl Benzene	10.195	91	20407	3.984	ug/l	100
68) m/p-Xylenes	10.299	106	36760	19.219	ug/l	93
69) o-Xylene	10.640	106	13942	7.621	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1457	0.350	ug/l	97

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

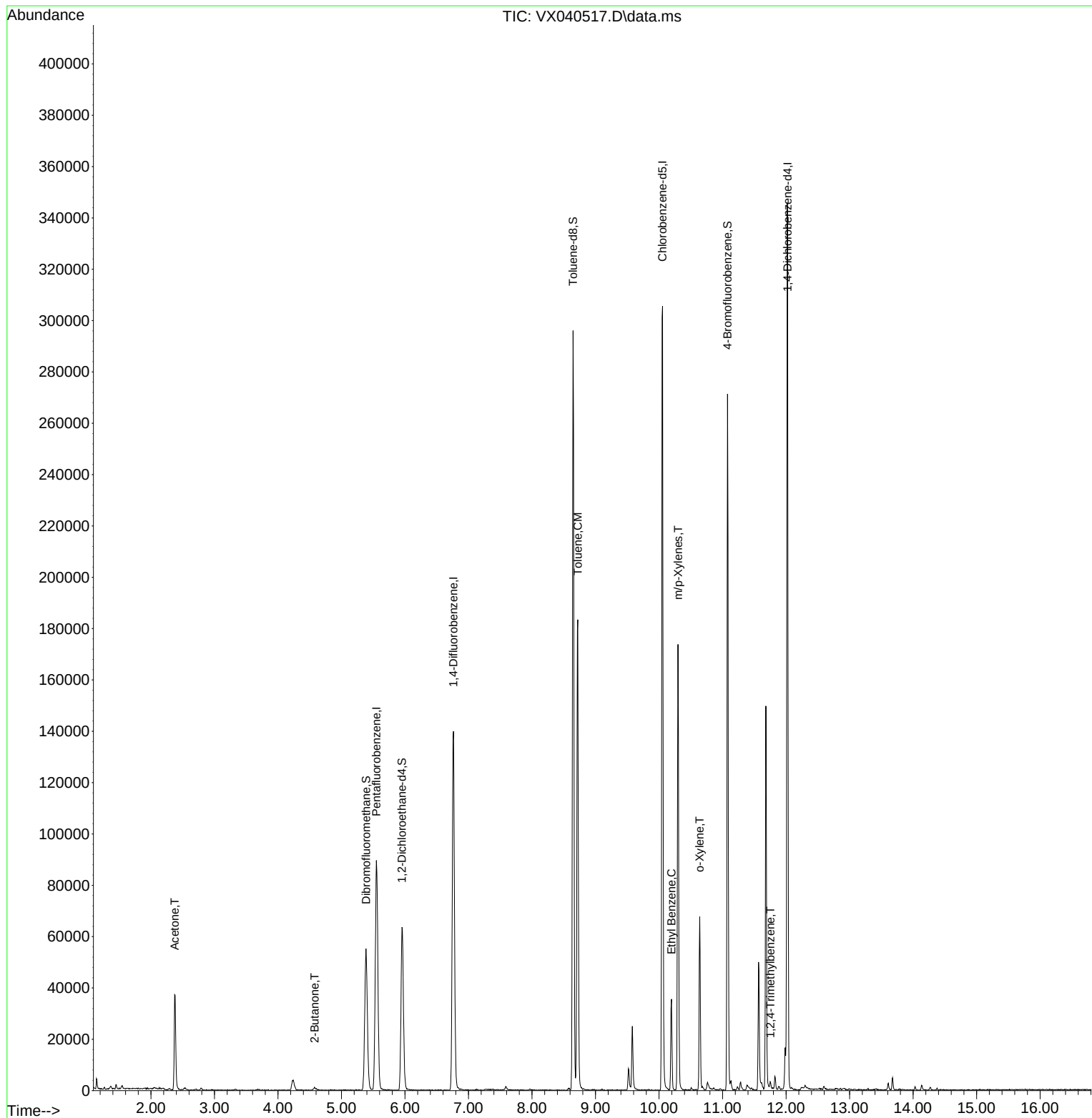
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
Data File : VX040517.D
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Operator : JC/MD
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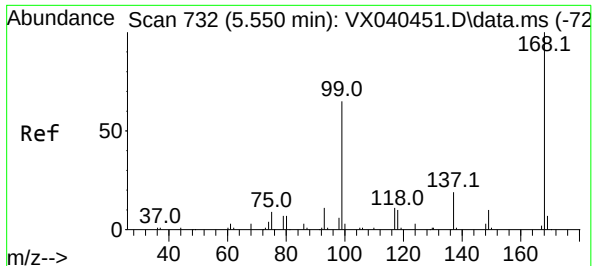
Instrument :
MSVOA_X
ClientSampleId :
1851DL

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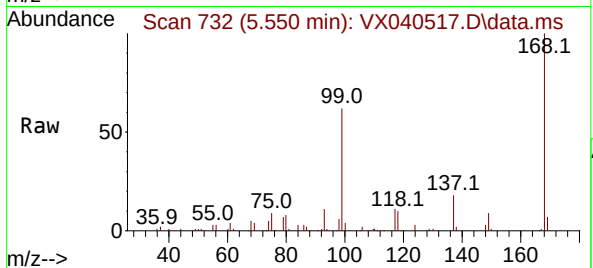
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040517.D
Acq: 28 Feb 2024 17:35

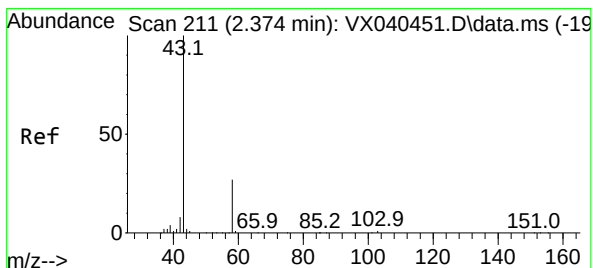
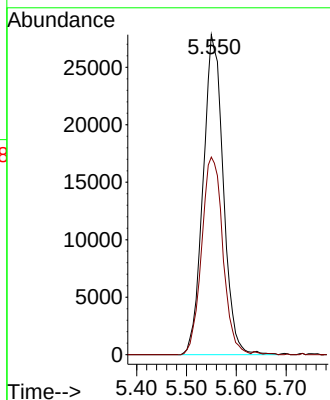
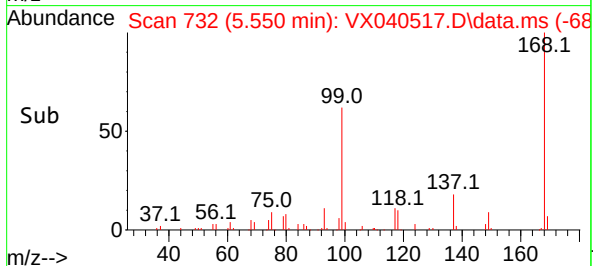
Instrument :
MSVOA_X
ClientSampleId :
1851DL



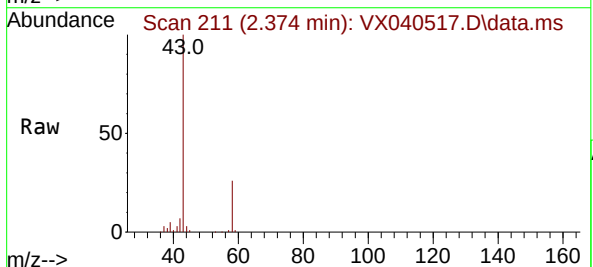
Tgt Ion:168 Resp: 7824
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0

Manual Integrations
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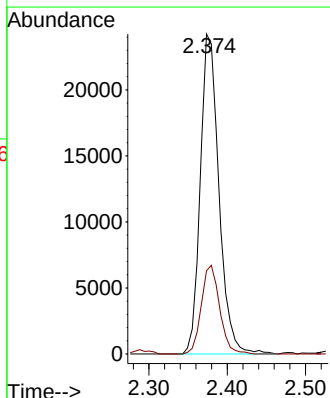
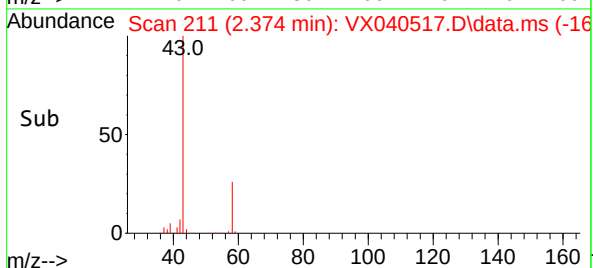
Reviewed By :John Carbone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

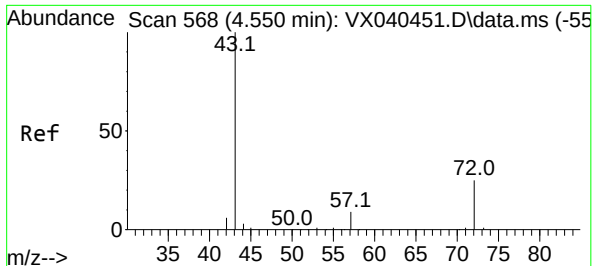


#16
Acetone
Concen: 93.831 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040517.D
Acq: 28 Feb 2024 17:35



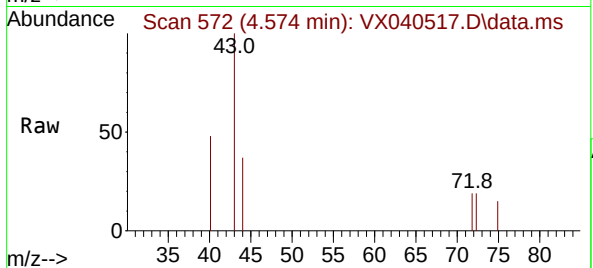
Tgt Ion: 43 Resp: 40044
Ion Ratio Lower Upper
43 100
58 26.0 21.9 32.9





#25
2-Butanone
Concen: 2.137 ug/l m
RT: 4.574 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX040517.D
Acq: 28 Feb 2024 17:35

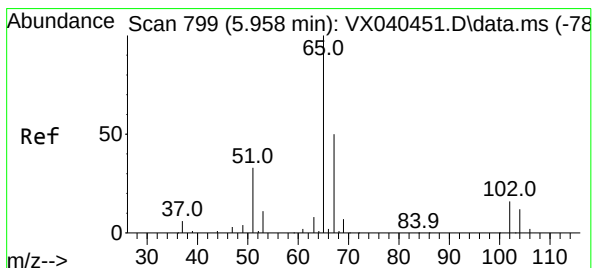
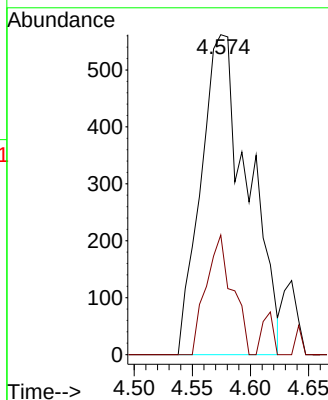
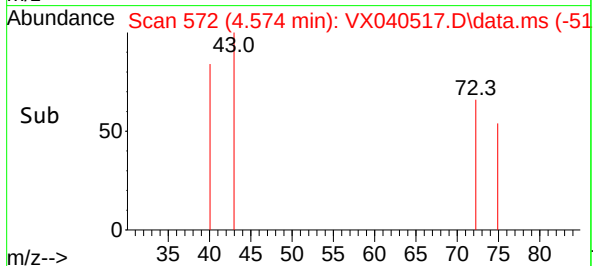
Instrument :
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ClientSampleId :
1851DL



Tgt Ion: 43 Resp: 1589
Ion Ratio Lower Upper
43 100
72 18.7 19.4 29.2

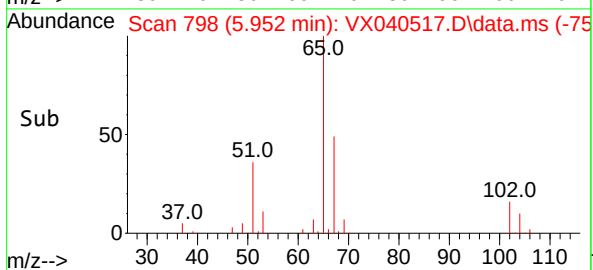
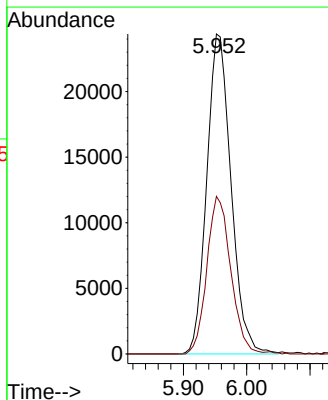
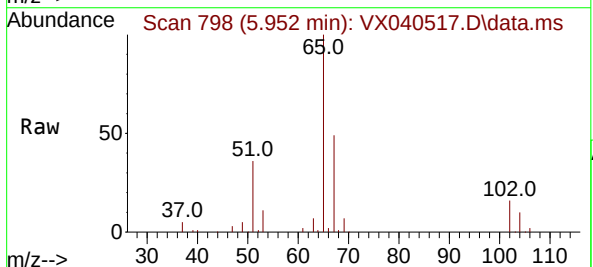
Manual Integrations
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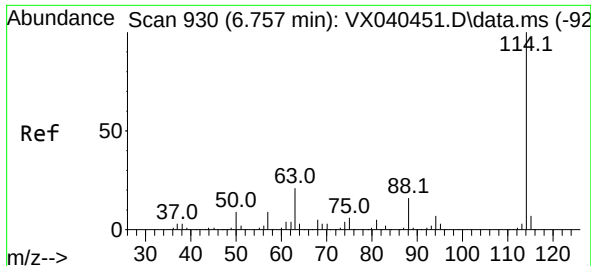
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#33
1,2-Dichloroethane-d4
Concen: 49.699 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040517.D
Acq: 28 Feb 2024 17:35

Tgt Ion: 65 Resp: 65037
Ion Ratio Lower Upper
65 100
67 48.7 0.0 100.2





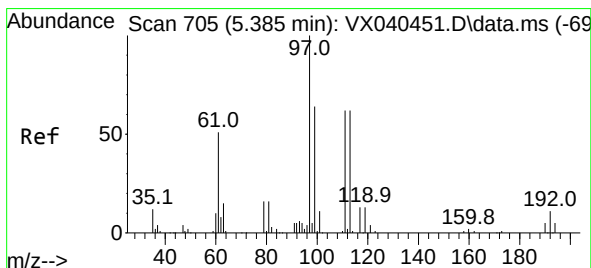
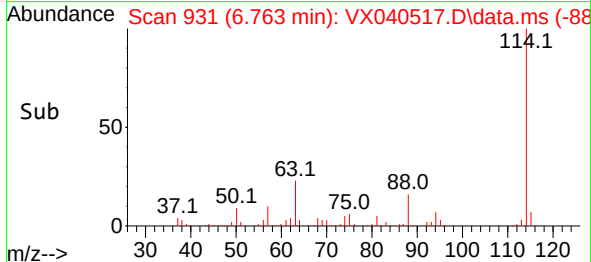
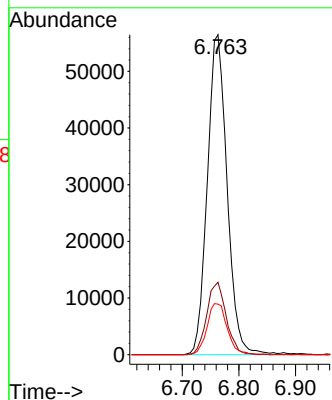
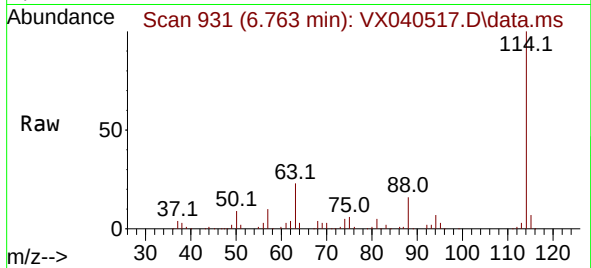
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX040517.D
Acq: 28 Feb 2024 17:35

Instrument :
MSVOA_X
ClientSampleId :
1851DL

Tgt Ion:114 Resp: 136609
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.0
88 15.8 0.0 36.6

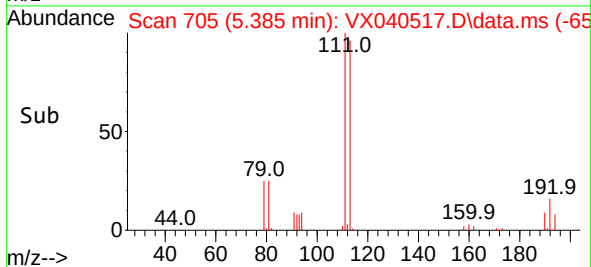
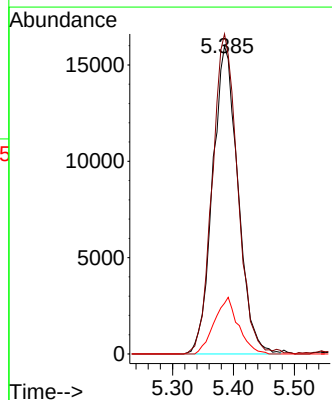
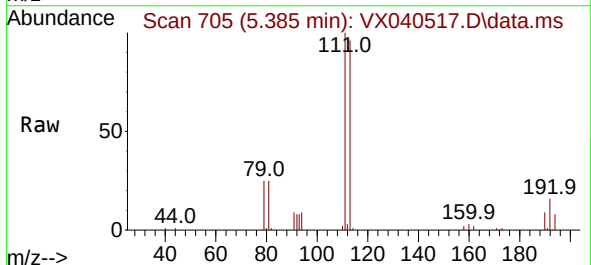
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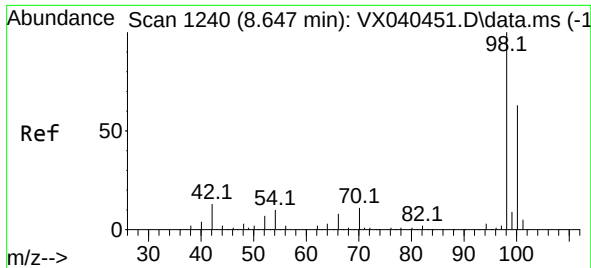
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#35
Dibromofluoromethane
Concen: 48.743 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040517.D
Acq: 28 Feb 2024 17:35

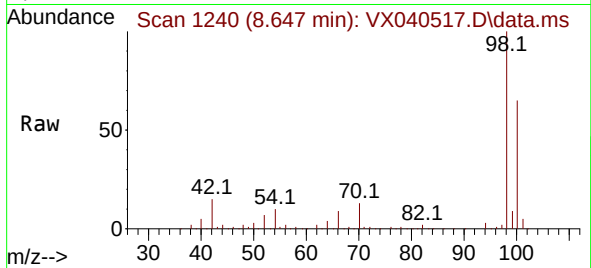
Tgt Ion:113 Resp: 46304
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 17.4 13.3 19.9





#50
Toluene-d8
Concen: 48.184 ug/l
RT: 8.647 min Scan# 11851DL
Delta R.T. -0.000 min
Lab File: VX040517.D
Acq: 28 Feb 2024 17:35

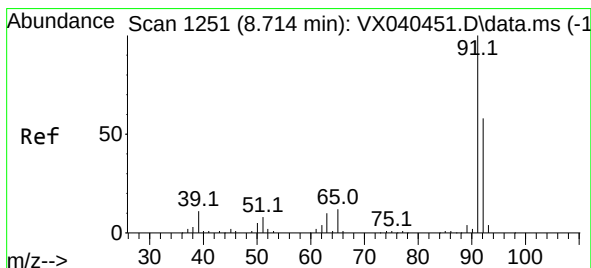
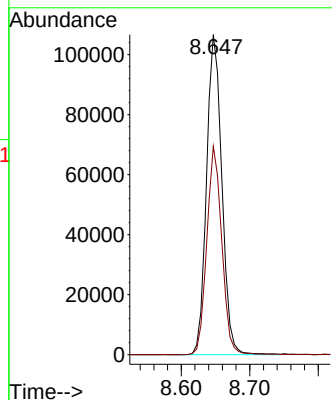
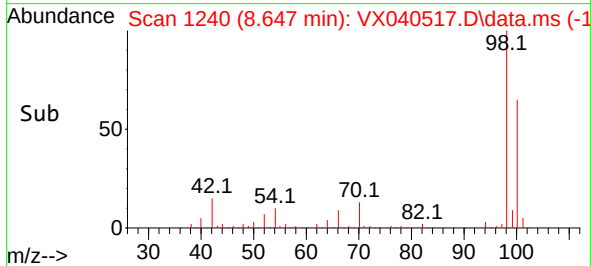
Instrument :
MSVOA_X
ClientSampleId :
1851DL



Tgt Ion: 98 Resp: 16615
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

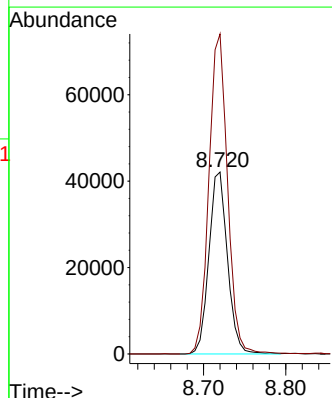
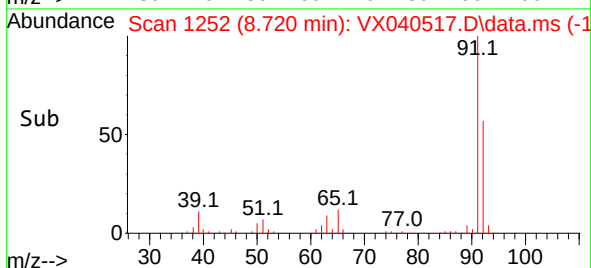
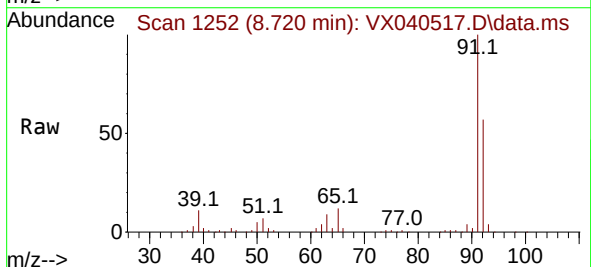
Manual Integrations
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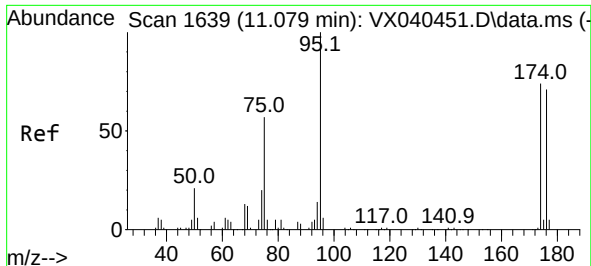
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#52
Toluene
Concen: 27.166 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040517.D
Acq: 28 Feb 2024 17:35

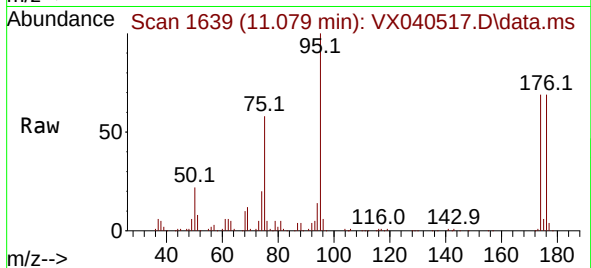
Tgt Ion: 92 Resp: 66064
Ion Ratio Lower Upper
92 100
91 176.3 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 50.329 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040517.D
Acq: 28 Feb 2024 17:35

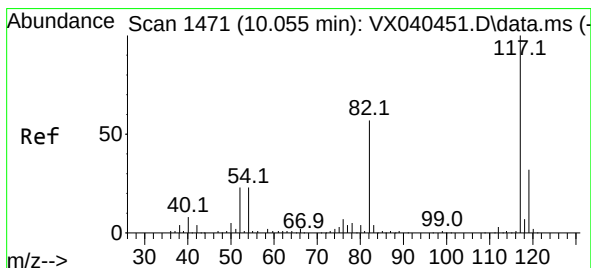
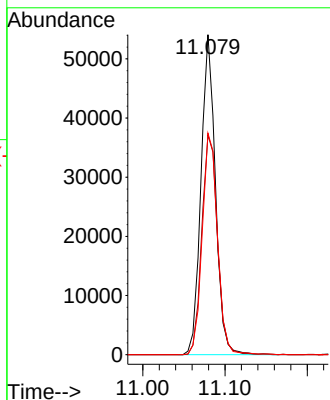
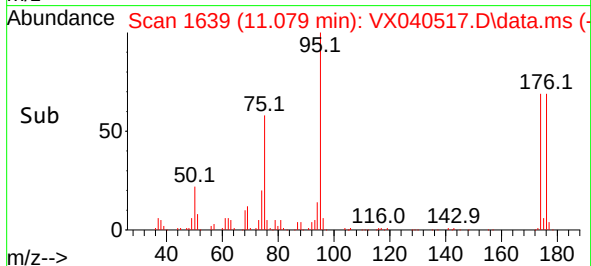
Instrument :
MSVOA_X
ClientSampleId :
1851DL



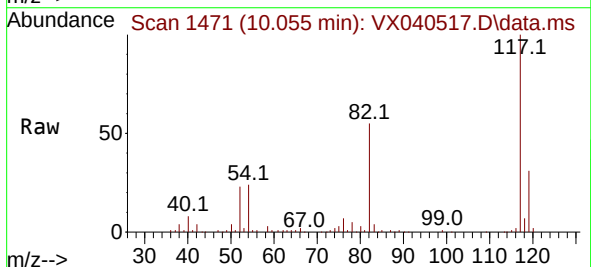
Tgt Ion: 95 Resp: 6615
Ion Ratio Lower Upper
95 100
174 74.1 0.0 135.6
176 73.2 0.0 131.0

Manual Integrations
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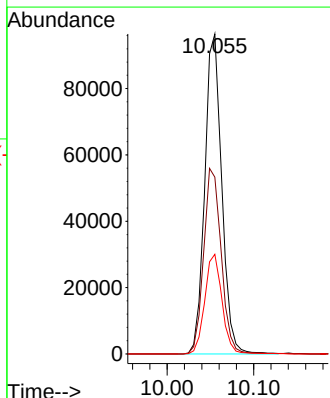
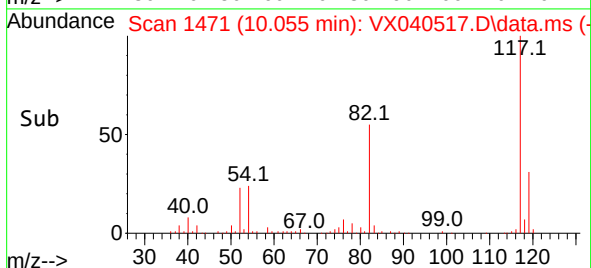
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

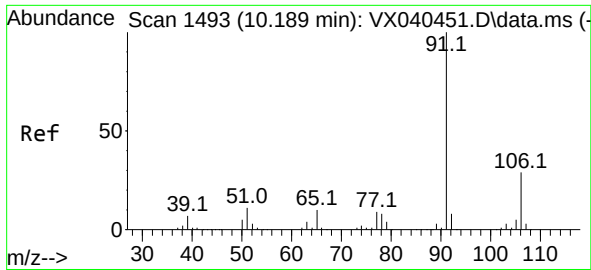


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040517.D
Acq: 28 Feb 2024 17:35



Tgt Ion:117 Resp: 131552
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 31.2 25.5 38.3





#67

Ethyl Benzene

Concen: 3.984 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX040517.D

Acq: 28 Feb 2024 17:35

Instrument :

MSVOA_X

ClientSampleId :

1851DL

Tgt Ion: 91 Resp: 2040

Ion Ratio Lower Upper

91 100

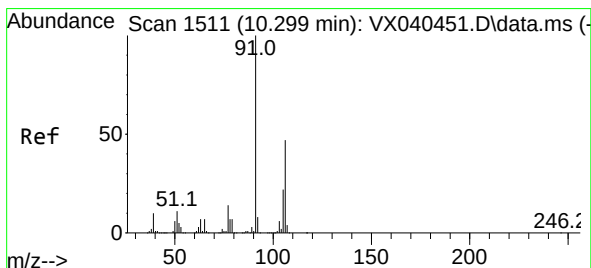
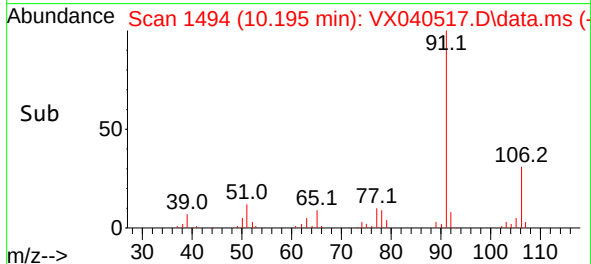
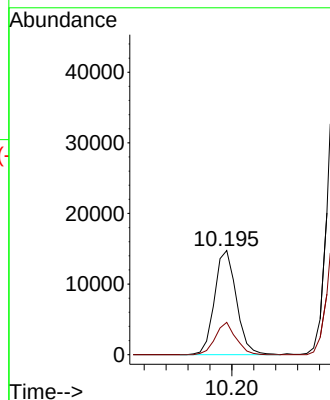
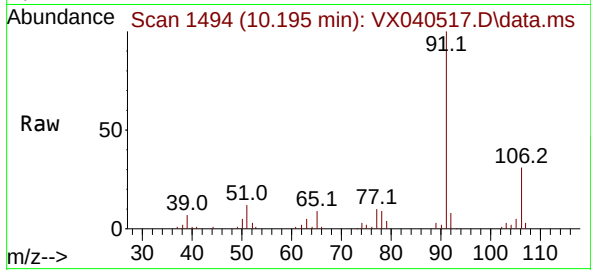
106 31.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#68

m/p-Xylenes

Concen: 19.219 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040517.D

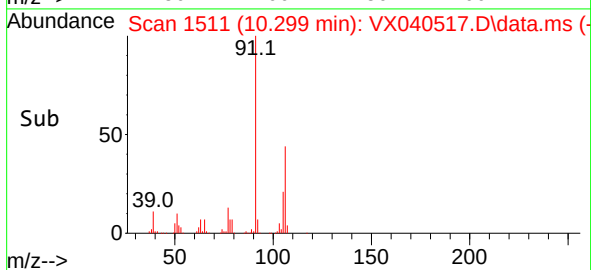
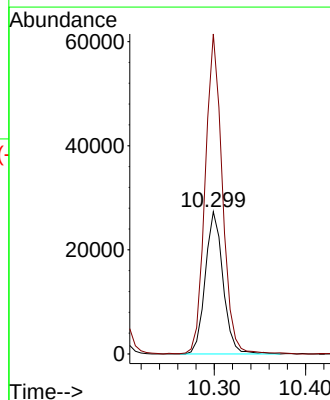
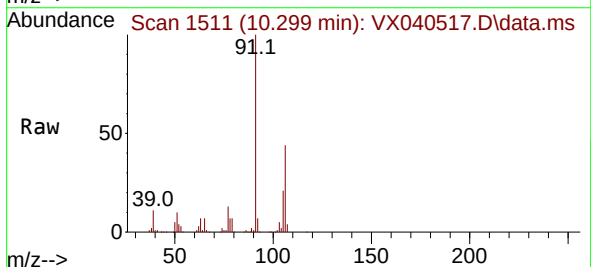
Acq: 28 Feb 2024 17:35

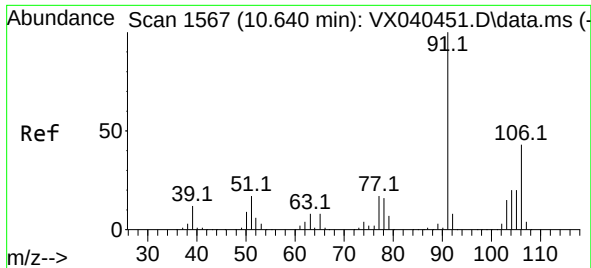
Tgt Ion:106 Resp: 36760

Ion Ratio Lower Upper

106 100

91 217.9 165.5 248.3





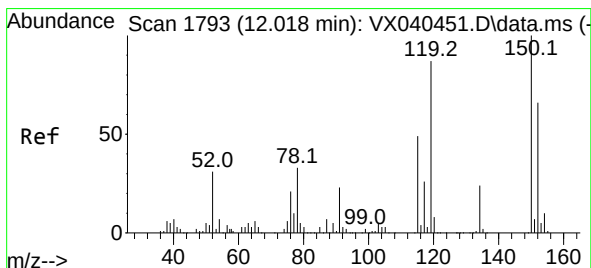
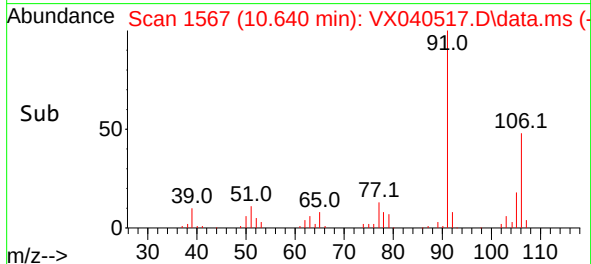
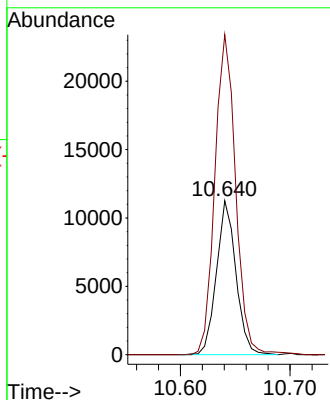
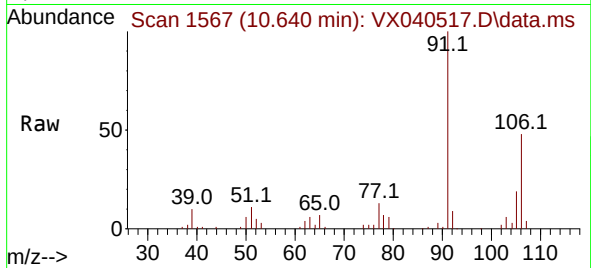
#69
o-Xylene
Concen: 7.621 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040517.D
Acq: 28 Feb 2024 17:35

Instrument :
MSVOA_X
ClientSampleId :
1851DL

Tgt Ion:106 Resp: 1394
Ion Ratio Lower Upper
106 100
91 221.4 108.9 326.8

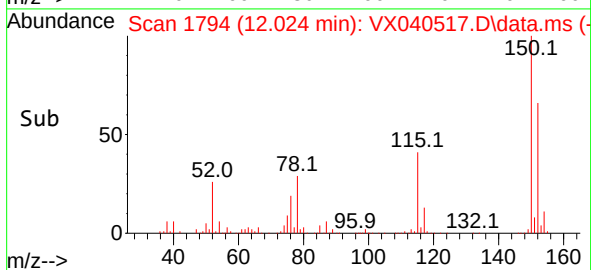
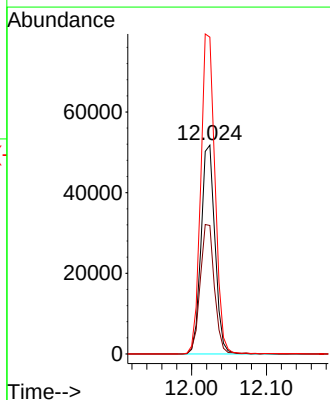
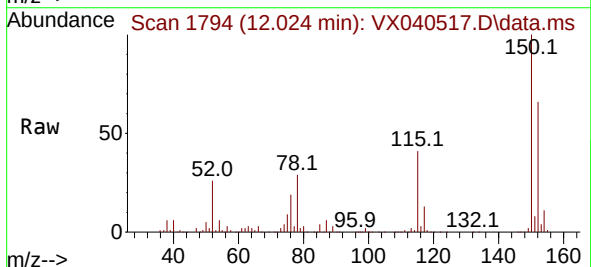
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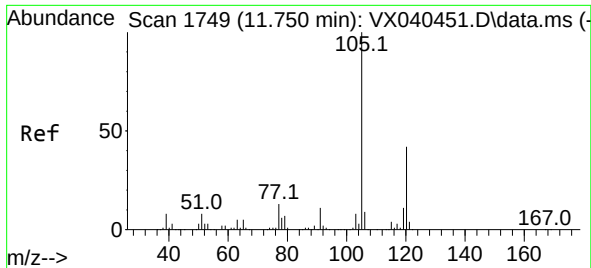
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040517.D
Acq: 28 Feb 2024 17:35

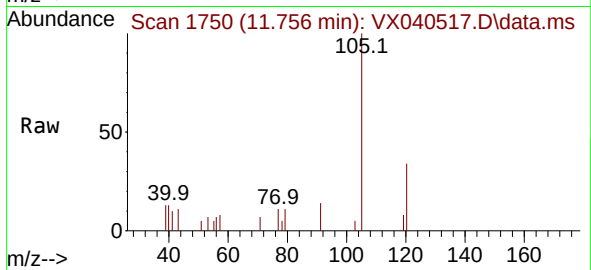
Tgt Ion:152 Resp: 66904
Ion Ratio Lower Upper
152 100
115 63.4 43.3 129.9
150 156.8 0.0 345.0





#84
 1,2,4-Trimethylbenzene
 Concen: 0.350 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040517.D
 Acq: 28 Feb 2024 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 1851DL



Tgt Ion:105 Resp: 145
 Ion Ratio Lower Upper
 105 100
 120 44.5 21.2 63.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/29/2024
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