

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040512.D
 Acq On : 28 Feb 2024 15:40
 Operator : JC/MD
 Sample : P1613-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1849

Manual Integrations
 APPROVED

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

Quant Time: Feb 29 03:50:29 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	5.556	168	72088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125202	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60247	49.968	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.940%		
35) Dibromofluoromethane	5.391	113	42623	48.956	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.920%		
50) Toluene-d8	8.647	98	154684	48.945	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.900%		
62) 4-Bromofluorobenzene	11.079	95	63082	52.364	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.720%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	2067	10.198	ug/l #	91
16) Acetone	2.379	43	166703	423.961	ug/l	99
18) Methyl Acetate	2.703	43	6583	5.430	ug/l	97
25) 2-Butanone	4.568	43	5685	8.298	ug/l	93
39) Methylcyclohexane	7.385	83	429	0.296	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	2660	1.747	ug/l	91
52) Toluene	8.720	92	77627	34.828	ug/l	93
67) Ethyl Benzene	10.195	91	8617	1.786	ug/l	93
68) m/p-Xylenes	10.299	106	50218	27.877	ug/l	95
69) o-Xylene	10.640	106	18259	10.598	ug/l	87
80) 1,3,5-Trimethylbenzene	11.451	105	1904	0.459	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	1949	0.474	ug/l	92
85) sec-Butylbenzene	11.890	105	1368m	0.266	ug/l	
86) p-Isopropyltoluene	12.012	119	8192	1.936	ug/l	91
95) Naphthalene	13.774	128	1828	0.400	ug/l #	95

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

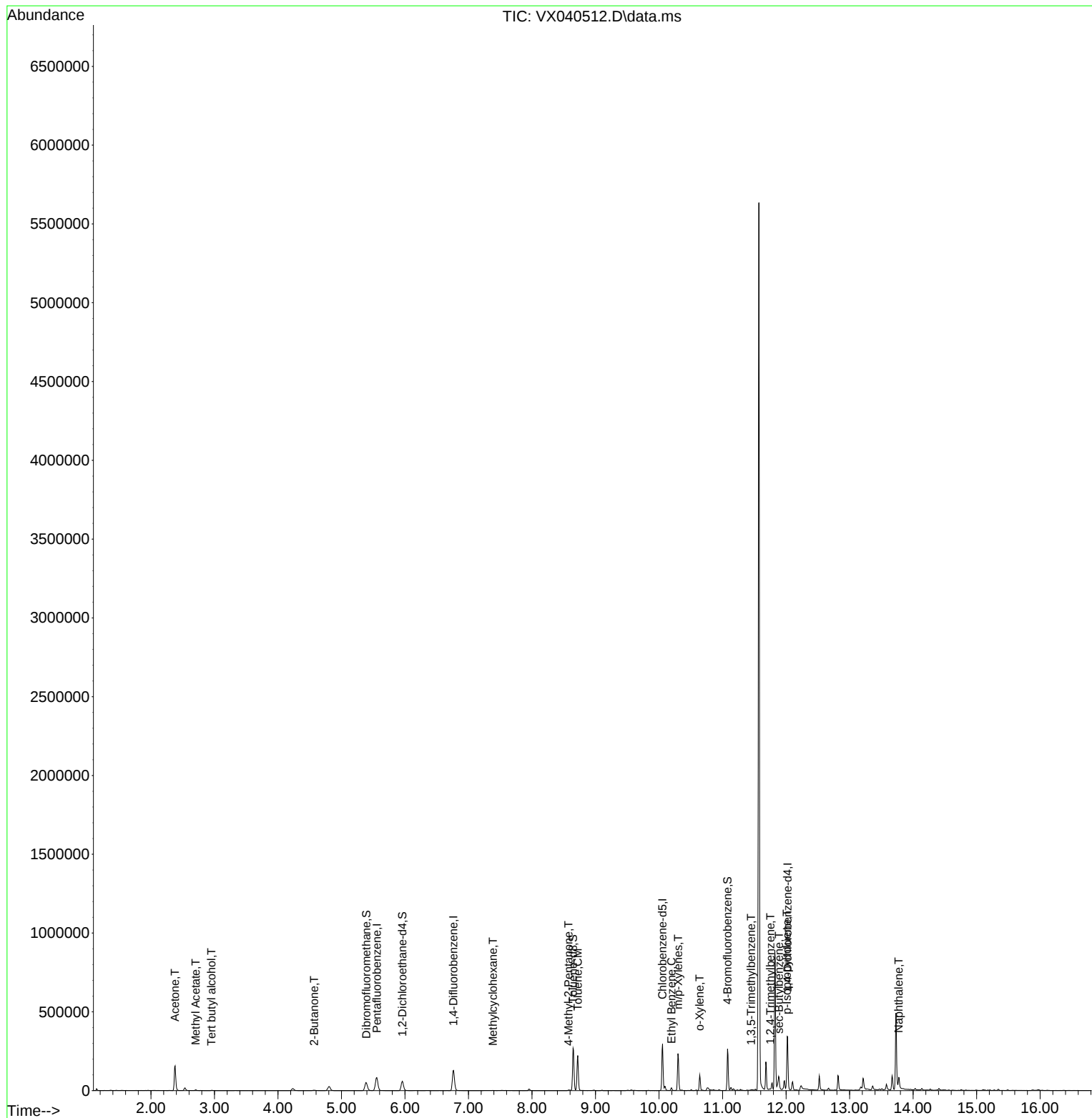
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
Data File : VX040512.D
Acq On : 28 Feb 2024 15:40
Operator : JC/MD
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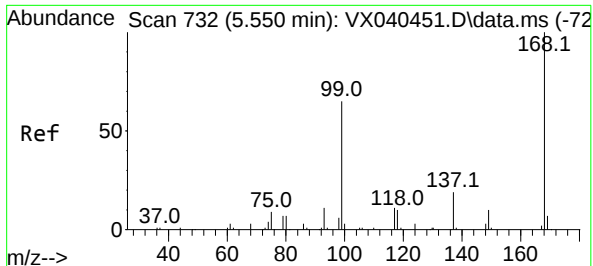
Instrument :
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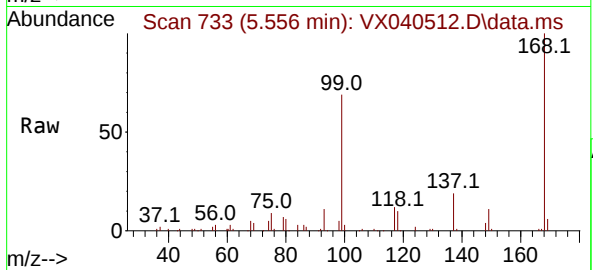
Quant Time: Feb 29 03:50:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX040512.D
Acq: 28 Feb 2024 15:40

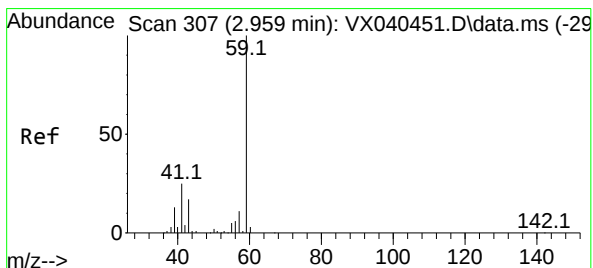
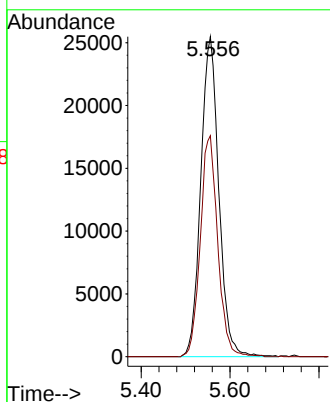
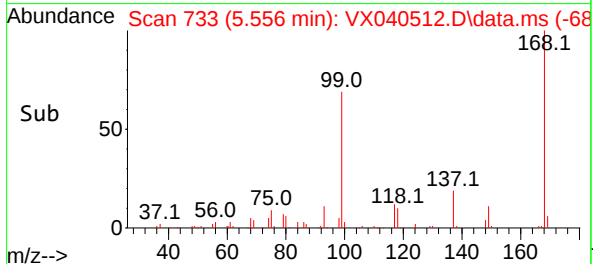
Instrument :
MSVOA_X
ClientSampleId :
1849



Tgt Ion:168 Resp: 72088
Ion Ratio Lower Upper
168 100
99 69.1 56.6 85.0

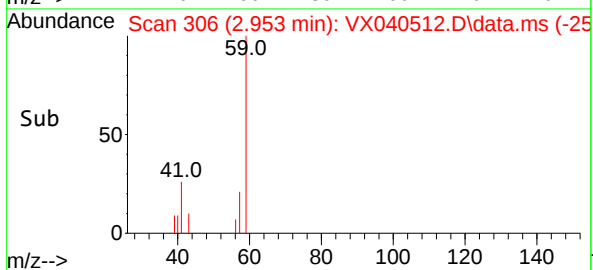
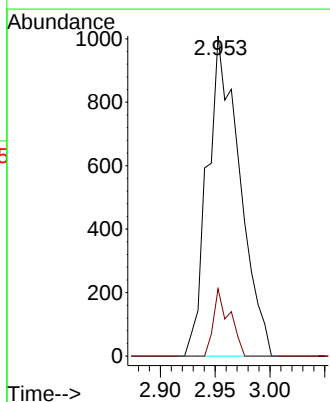
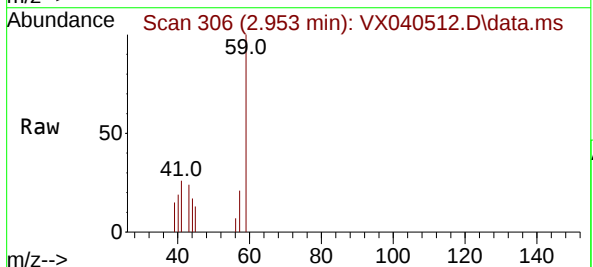
Manual Integrations
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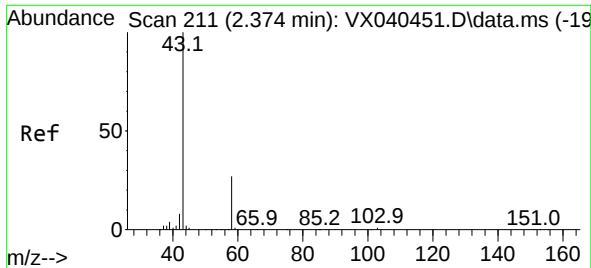
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#11
Tert butyl alcohol
Concen: 10.198 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX040512.D
Acq: 28 Feb 2024 15:40

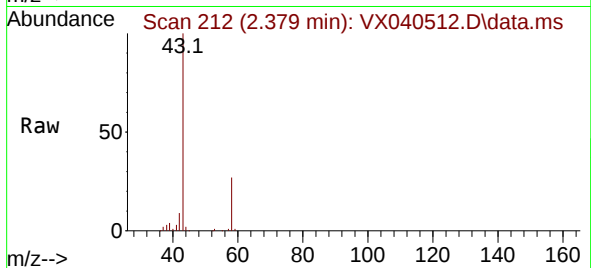
Tgt Ion: 59 Resp: 2067
Ion Ratio Lower Upper
59 100
57 10.6 6.0 9.0#





#16
Acetone
Concen: 423.961 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040512.D
Acq: 28 Feb 2024 15:40

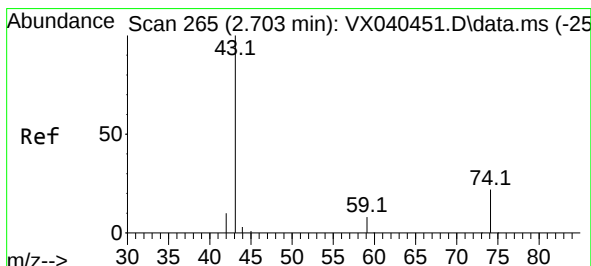
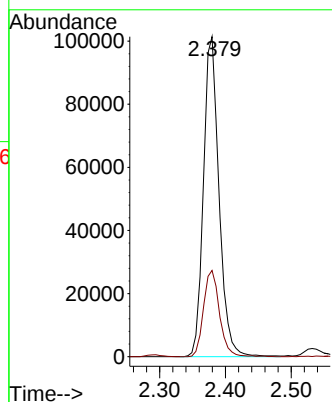
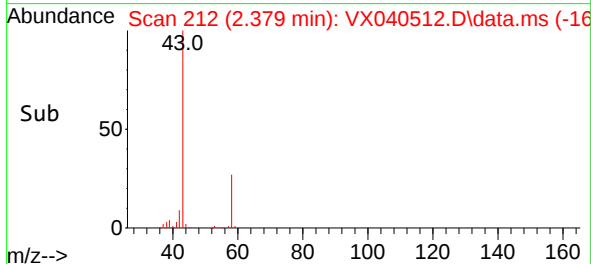
Instrument :
MSVOA_X
ClientSampleId :
1849



Tgt Ion: 43 Resp: 16670
Ion Ratio Lower Upper
43 100
58 27.0 21.9 32.9

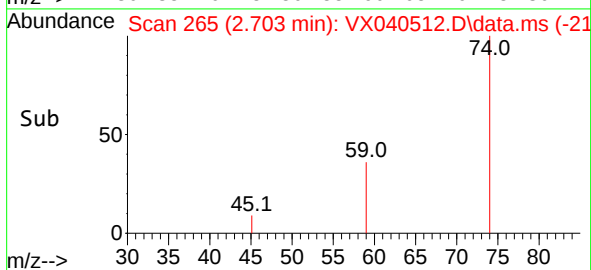
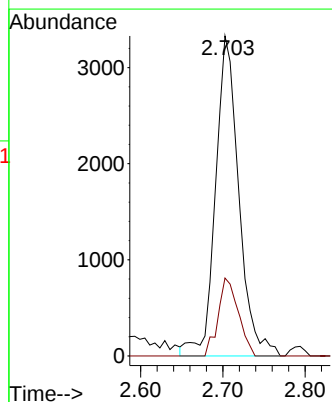
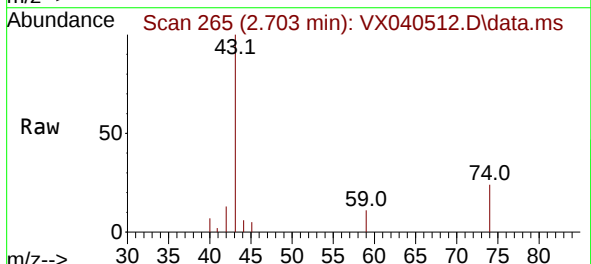
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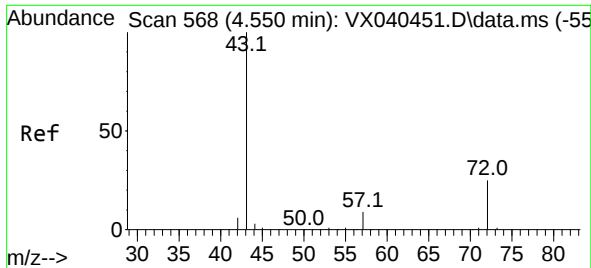
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#18
Methyl Acetate
Concen: 5.430 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040512.D
Acq: 28 Feb 2024 15:40

Tgt Ion: 43 Resp: 6583
Ion Ratio Lower Upper
43 100
74 21.0 17.8 26.8





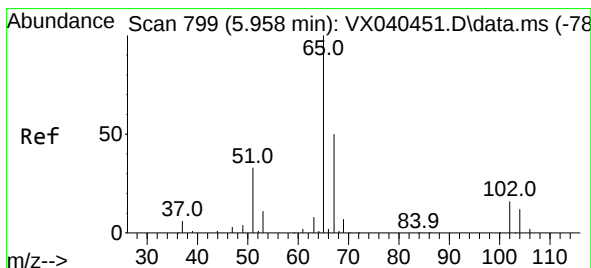
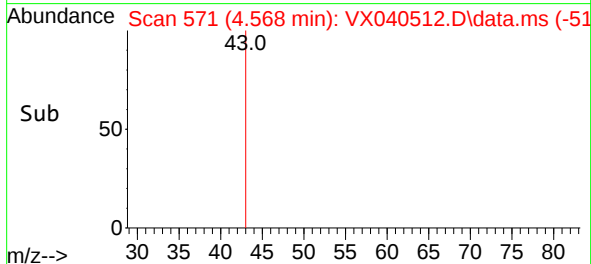
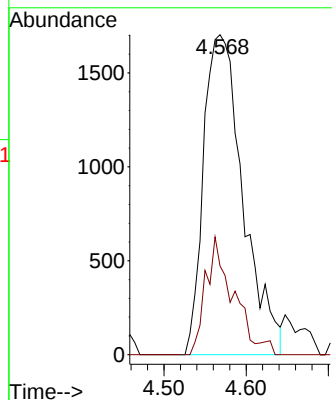
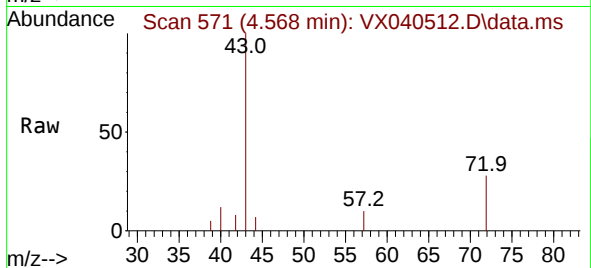
#25
2-Butanone
Concen: 8.298 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX040512.D
Acq: 28 Feb 2024 15:40

Instrument :
MSVOA_X
ClientSampleId :
1849

Tgt Ion: 43 Resp: 568
Ion Ratio Lower Upper
43 100
72 27.7 19.4 29.2

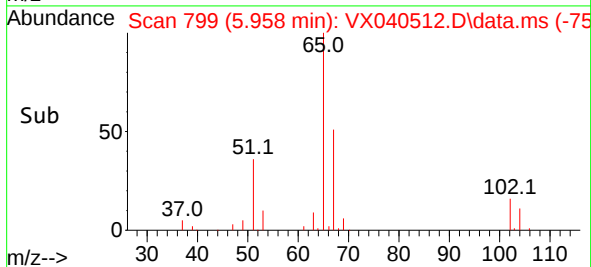
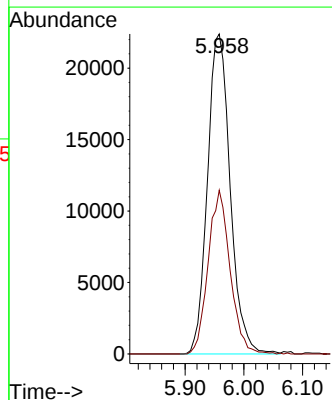
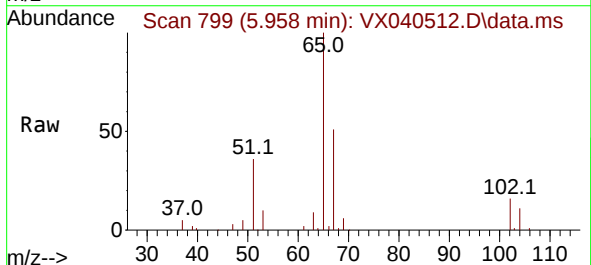
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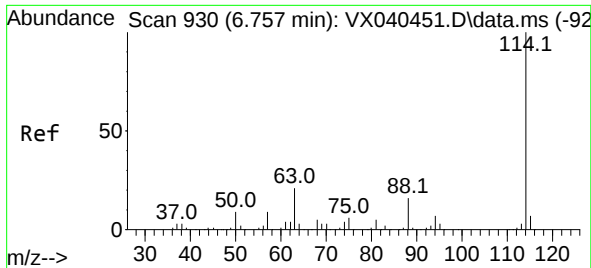
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#33
1,2-Dichloroethane-d4
Concen: 49.968 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040512.D
Acq: 28 Feb 2024 15:40

Tgt Ion: 65 Resp: 60247
Ion Ratio Lower Upper
65 100
67 49.4 0.0 100.2





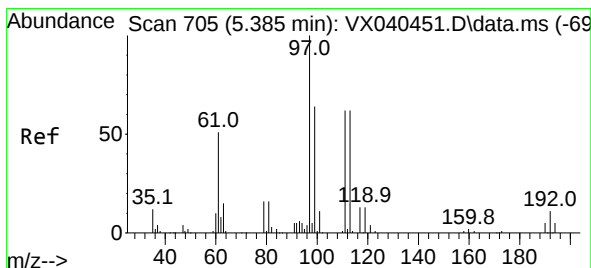
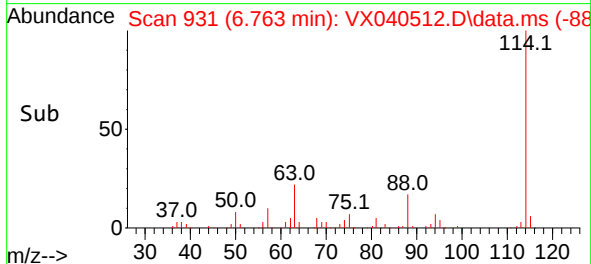
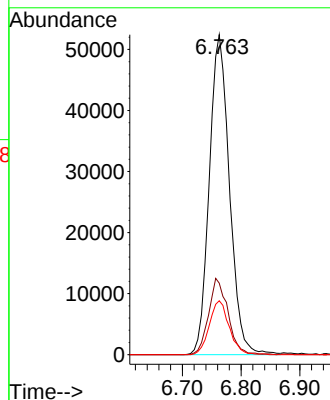
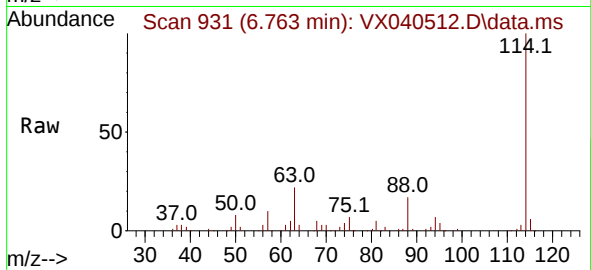
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 912
Delta R.T. 0.006 min
Lab File: VX040512.D
Acq: 28 Feb 2024 15:40

Instrument :
MSVOA_X
ClientSampleId :
1849

Tgt Ion:114 Resp: 12520
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.0
88 16.9 0.0 36.6

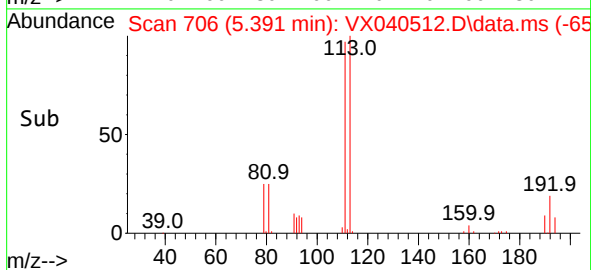
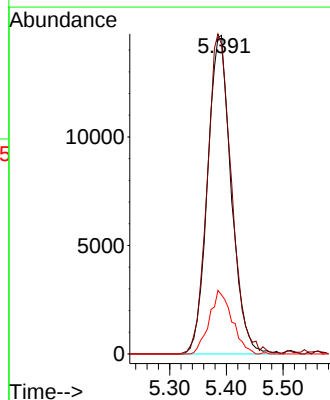
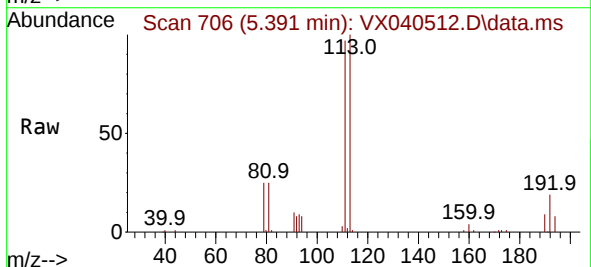
Manual Integrations
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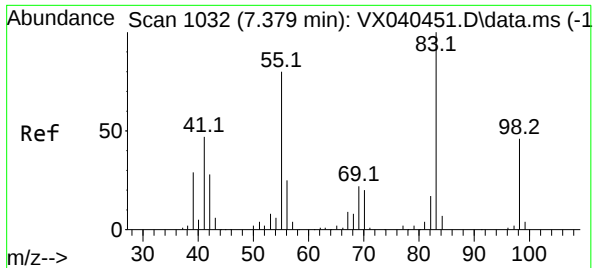
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#35
Dibromofluoromethane
Concen: 48.956 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040512.D
Acq: 28 Feb 2024 15:40

Tgt Ion:113 Resp: 42623
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 19.1 13.3 19.9





#39

Methylcyclohexane

Concen: 0.296 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX040512.D

Acq: 28 Feb 2024 15:40

Instrument :

MSVOA_X

ClientSampleId :

1849

Tgt Ion: 83 Resp: 429

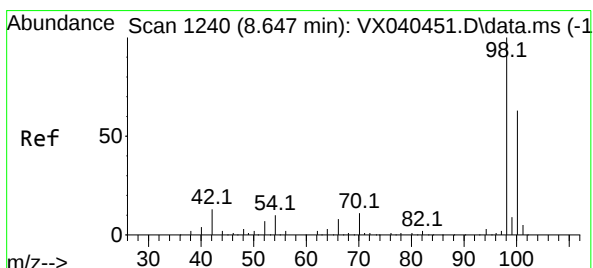
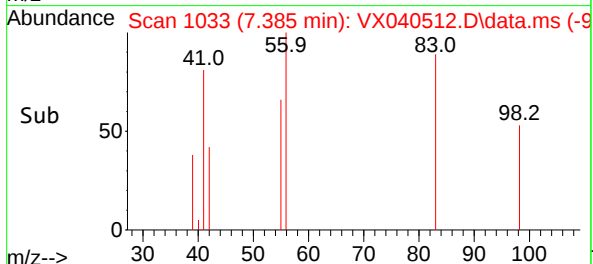
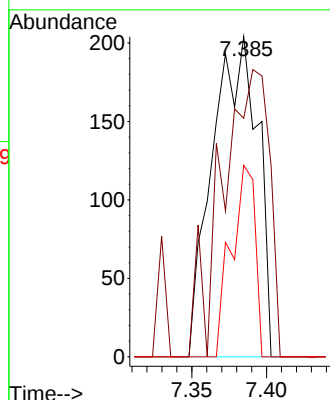
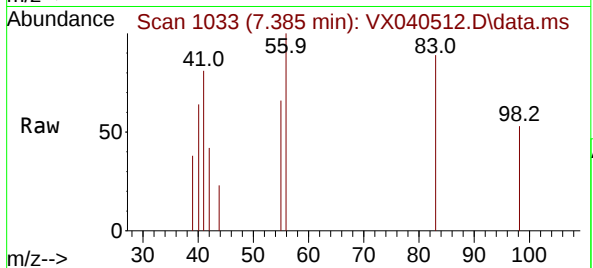
Ion	Ratio	Lower	Upper
83	100		
55	74.5	64.6	97.0
98	59.8	36.7	55.1

Manual Integrations

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Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#50

Toluene-d8

Concen: 48.945 ug/l

RT: 8.647 min Scan# 1240

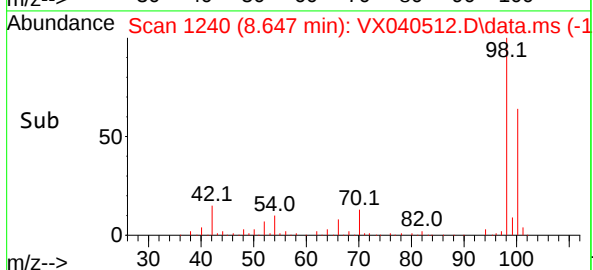
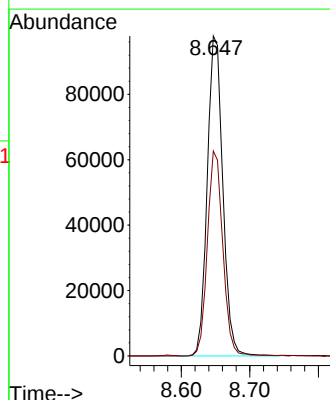
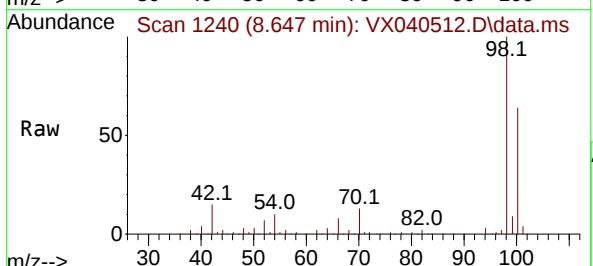
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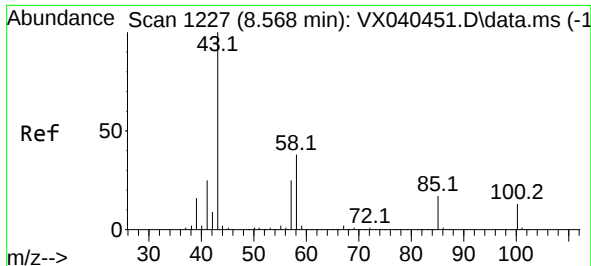
Lab File: VX040512.D

Acq: 28 Feb 2024 15:40

Tgt Ion: 98 Resp: 154684

Ion	Ratio	Lower	Upper
98	100		
100	63.6	53.1	79.7





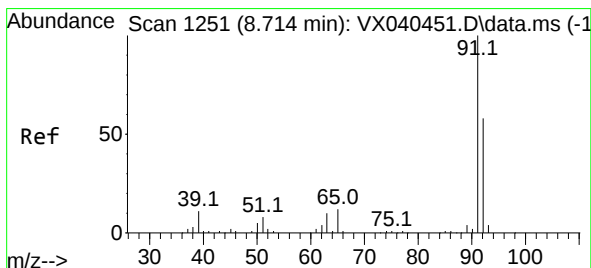
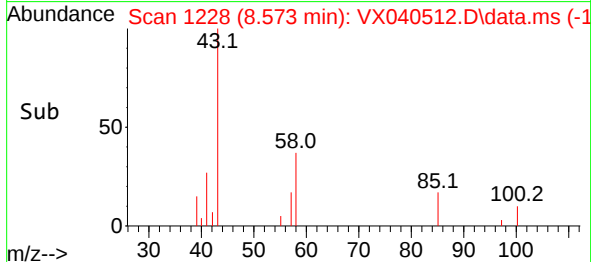
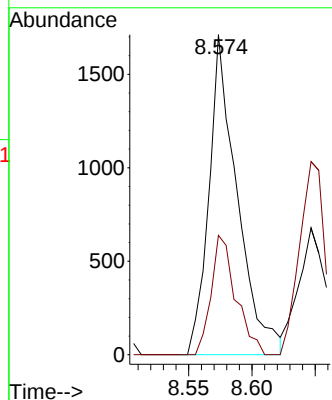
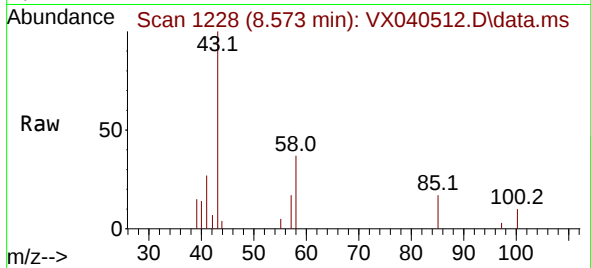
#51
4-Methyl-2-Pentanone
Concen: 1.747 ug/l
RT: 8.573 min Scan# 11849
Delta R.T. 0.006 min
Lab File: VX040512.D
Acq: 28 Feb 2024 15:40

Instrument :
MSVOA_X
ClientSampleId :
1849

Tgt Ion: 43 Resp: 2660
Ion Ratio Lower Upper
43 100
58 32.6 30.4 45.6

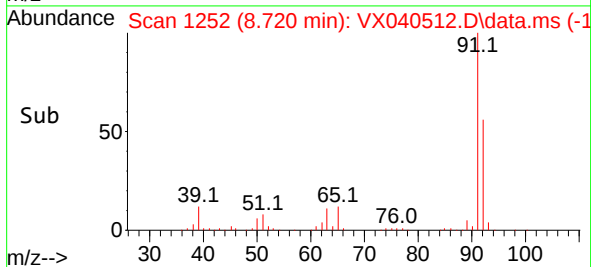
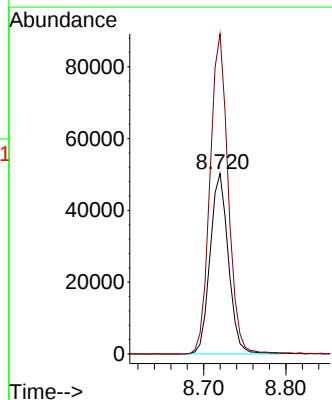
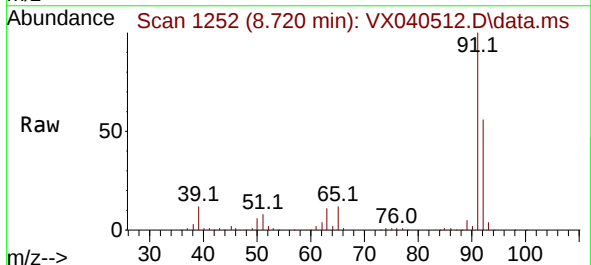
Manual Integrations
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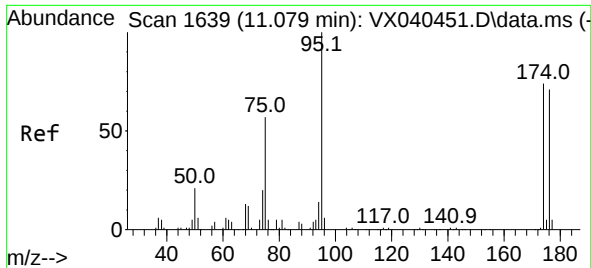
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#52
Toluene
Concen: 34.828 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040512.D
Acq: 28 Feb 2024 15:40

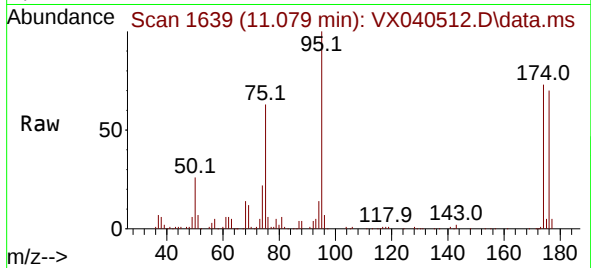
Tgt Ion: 92 Resp: 77627
Ion Ratio Lower Upper
92 100
91 177.5 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 52.364 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040512.D
Acq: 28 Feb 2024 15:40

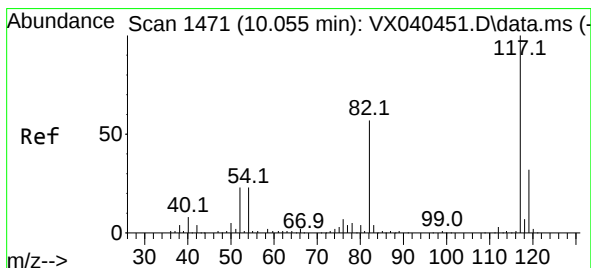
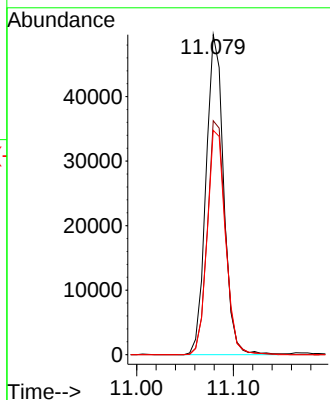
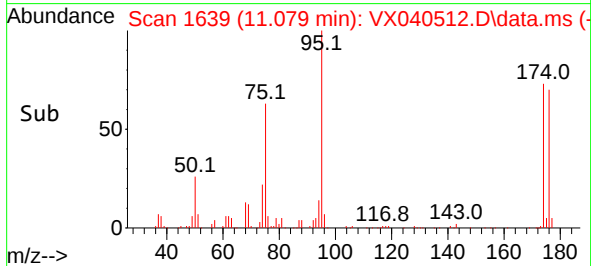
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MSVOA_X
ClientSampleId :
1849



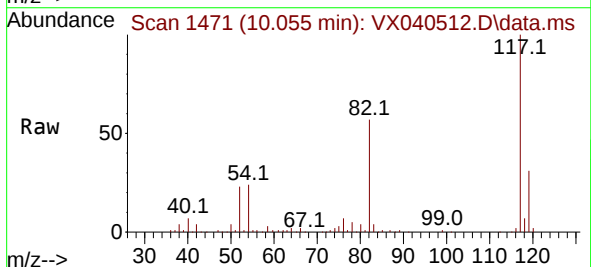
Tgt Ion: 95 Resp: 63082
Ion Ratio Lower Upper
95 100
174 74.9 0.0 135.6
176 72.3 0.0 131.0

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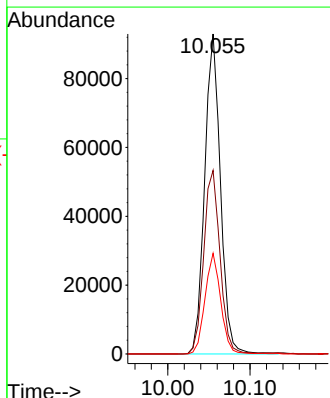
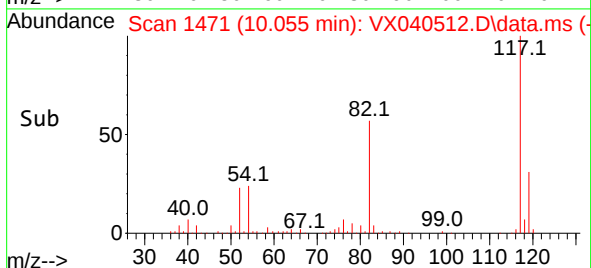
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

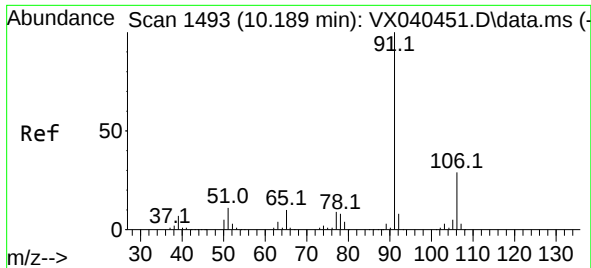


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040512.D
Acq: 28 Feb 2024 15:40



Tgt Ion:117 Resp: 123897
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 31.4 25.5 38.3





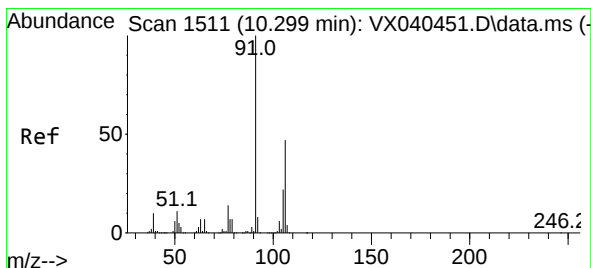
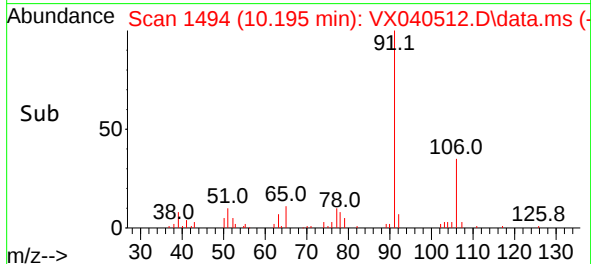
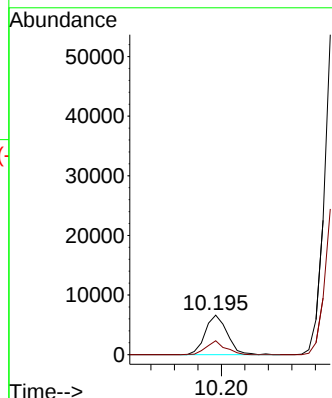
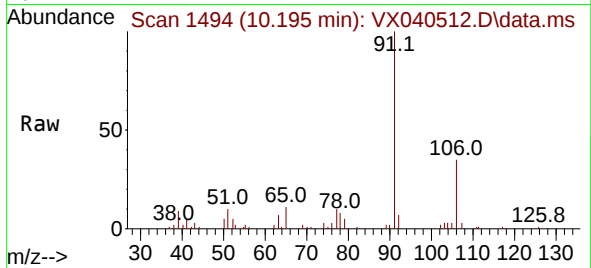
#67
Ethyl Benzene
Concen: 1.786 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX040512.D
Acq: 28 Feb 2024 15:40

Instrument :
MSVOA_X
ClientSampleId :
1849

Tgt Ion: 91 Resp: 861
Ion Ratio Lower Upper
91 100
106 35.1 24.9 37.3

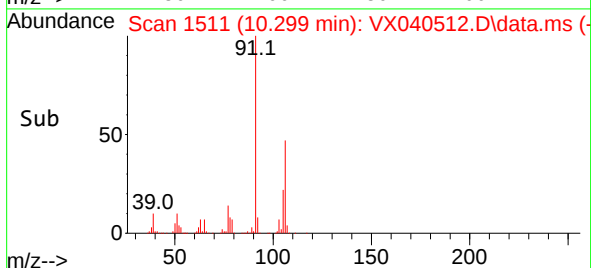
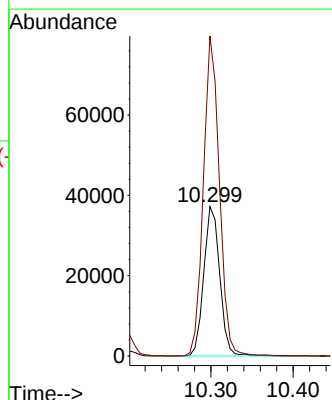
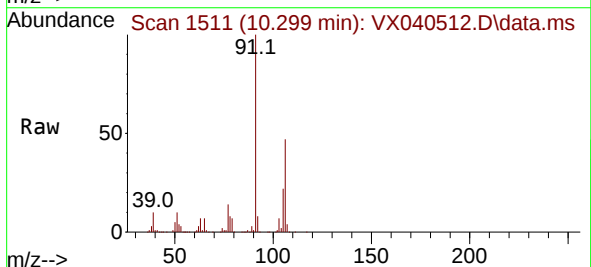
Manual Integrations
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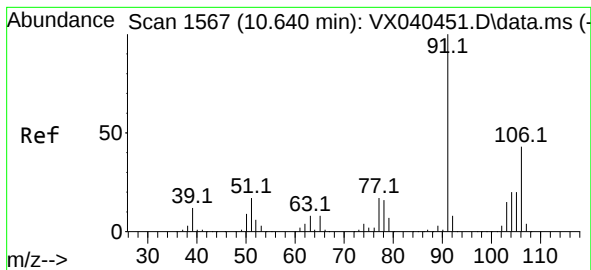
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#68
m/p-Xylenes
Concen: 27.877 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040512.D
Acq: 28 Feb 2024 15:40

Tgt Ion:106 Resp: 50218
Ion Ratio Lower Upper
106 100
91 215.1 165.5 248.3





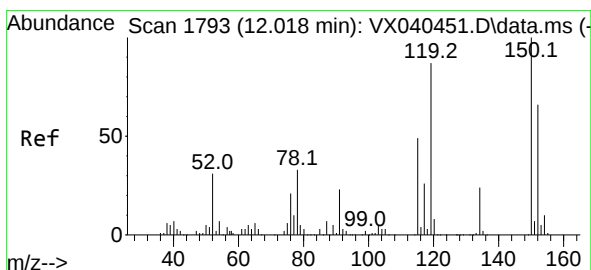
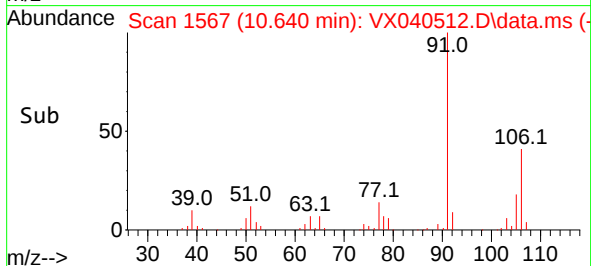
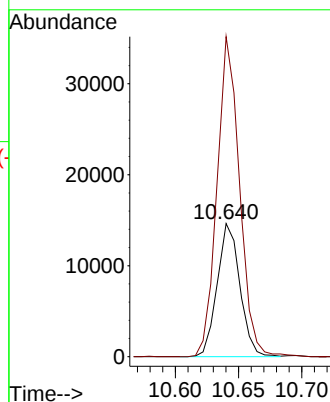
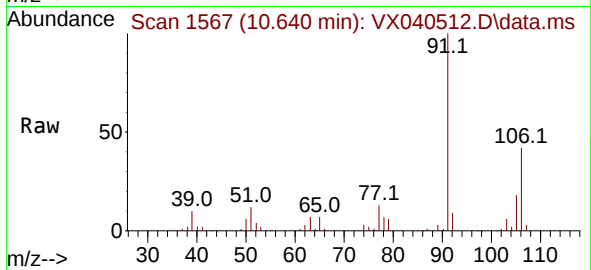
#69
o-Xylene
Concen: 10.598 ug/l
RT: 10.640 min Scan# 11849
Delta R.T. -0.000 min
Lab File: VX040512.D
Acq: 28 Feb 2024 15:40

Instrument :
MSVOA_X
ClientSampleId :
1849

Tgt Ion:106 Resp: 18259
Ion Ratio Lower Upper
106 100
91 238.8 108.9 326.8

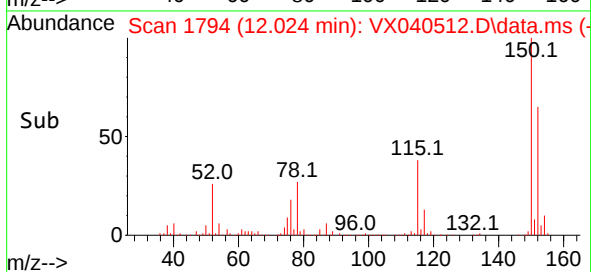
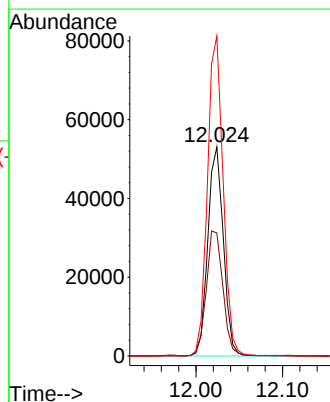
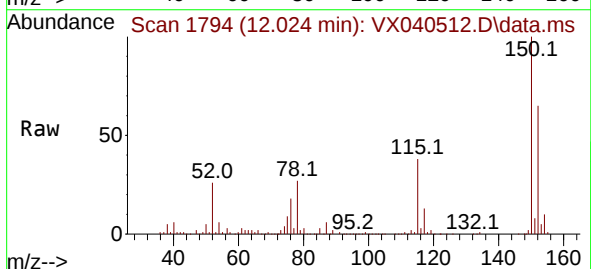
Manual Integrations
APPROVED

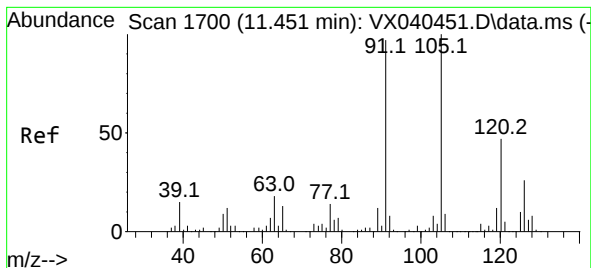
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040512.D
Acq: 28 Feb 2024 15:40

Tgt Ion:152 Resp: 66175
Ion Ratio Lower Upper
152 100
115 64.1 43.3 129.9
150 153.8 0.0 345.0





#80

1,3,5-Trimethylbenzene

Concen: 0.459 ug/l

RT: 11.451 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VX040512.D

Acq: 28 Feb 2024 15:40

Instrument :

MSVOA_X

ClientSampleId :

1849

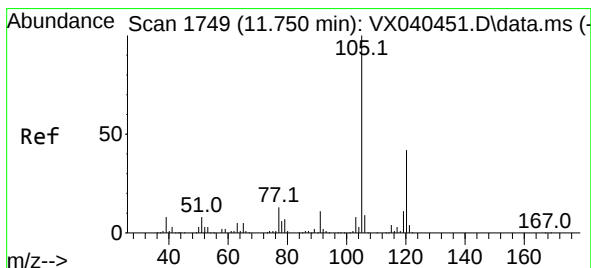
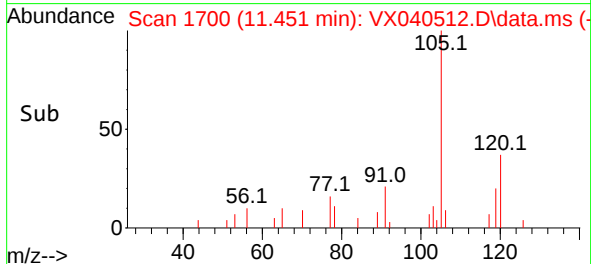
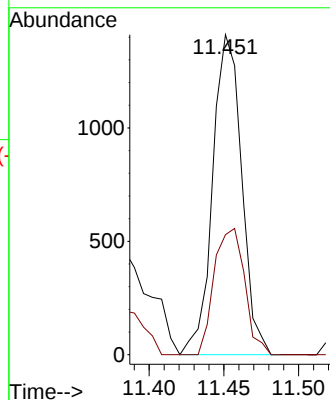
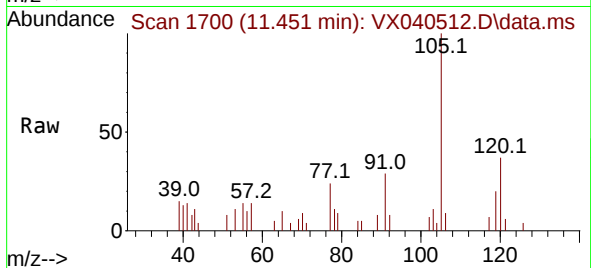
Tgt Ion:105 Resp: 1904
 Ion Ratio Lower Upper
 105 100
 120 41.4 24.1 72.3

Manual Integrations

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Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#84

1,2,4-Trimethylbenzene

Concen: 0.474 ug/l

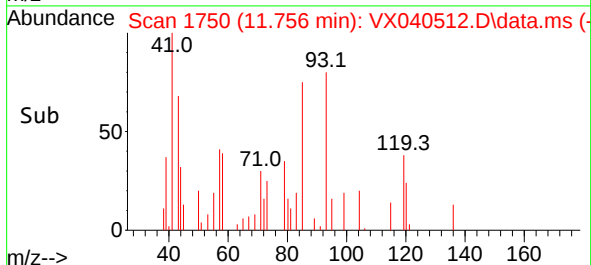
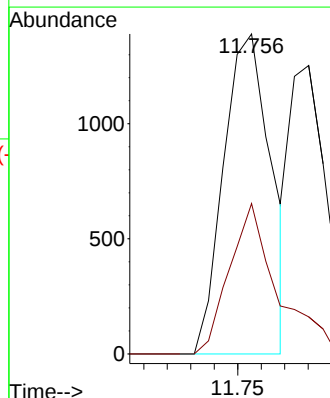
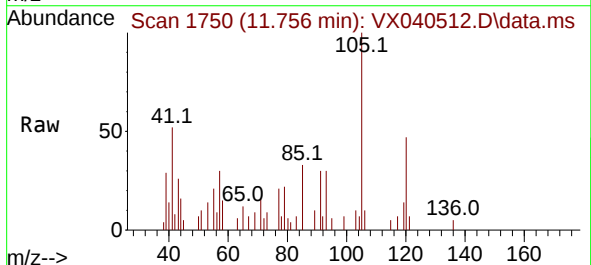
RT: 11.756 min Scan# 1750

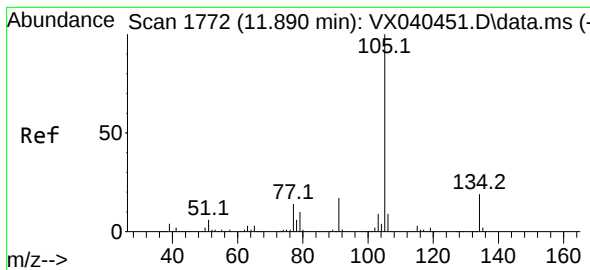
Delta R.T. 0.006 min

Lab File: VX040512.D

Acq: 28 Feb 2024 15:40

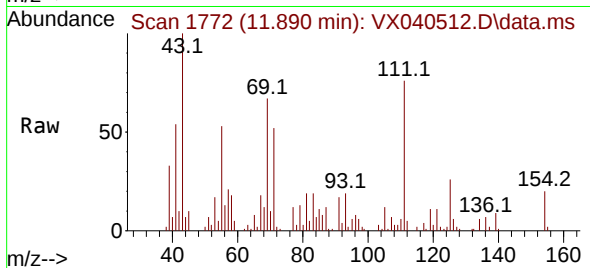
Tgt Ion:105 Resp: 1949
 Ion Ratio Lower Upper
 105 100
 120 47.6 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 0.266 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040512.D
 Acq: 28 Feb 2024 15:40

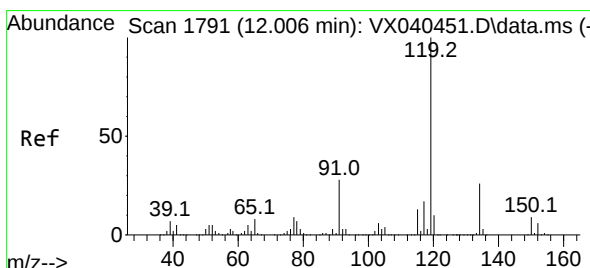
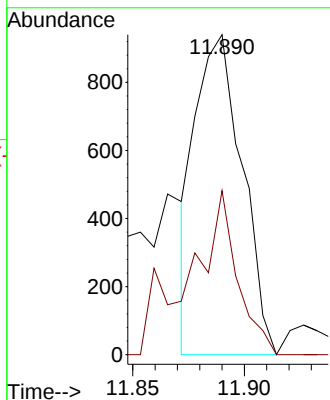
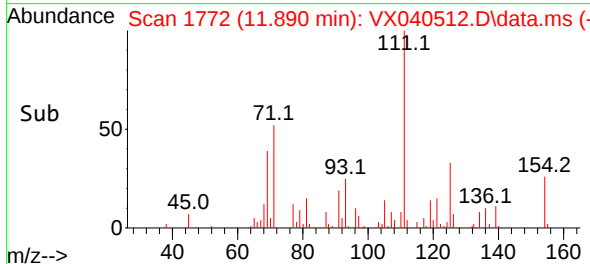
Instrument :
 MSVOA_X
 ClientSampleId :
 1849



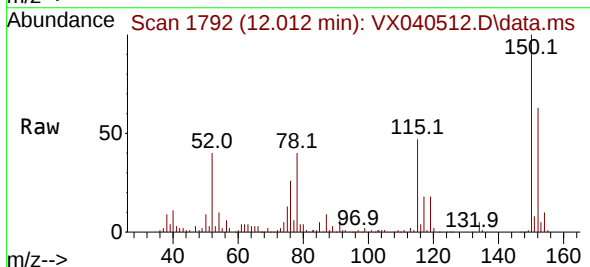
Tgt Ion:105 Resp: 1368
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.4

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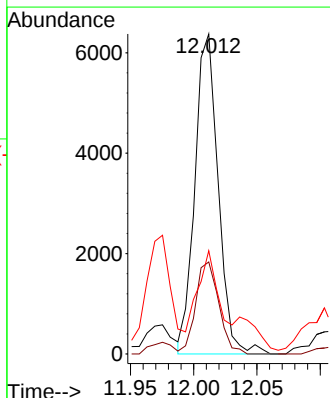
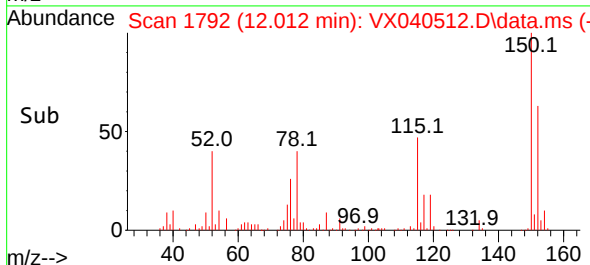
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024

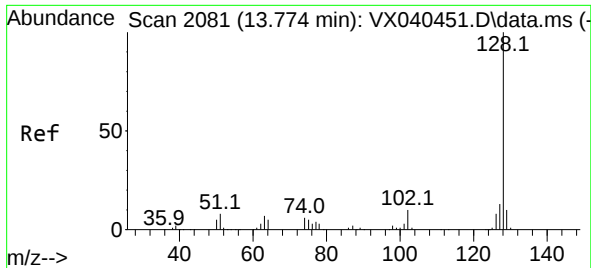


#86
 p-Isopropyltoluene
 Concen: 1.936 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX040512.D
 Acq: 28 Feb 2024 15:40



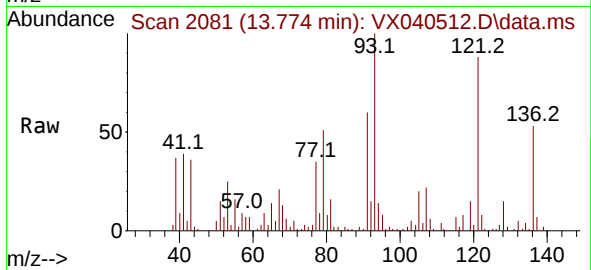
Tgt Ion:119 Resp: 8192
 Ion Ratio Lower Upper
 119 100
 134 28.6 12.8 38.3
 91 20.0 13.1 39.3





#95
Naphthalene
Concen: 0.400 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040512.D
Acq: 28 Feb 2024 15:40

Instrument :
MSVOA_X
ClientSampleId :
1849



Tgt Ion:	128	Resp:	1828
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.3	15.5
129	14.3	8.8	13.2

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

