

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026218.D
 Acq On : 03 Jan 2022 14:28
 Operator : JC/MD
 Sample : M5257-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P2-D

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/04/2022
 Supervised By : Mahesh Dadoda 01/04/2022

Quant Time: Jan 04 03:50:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	168100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	289994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129689	53.328	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.660%			
35) Dibromofluoromethane	5.391	113	95529	50.669	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.340%			
50) Toluene-d8	8.653	98	347458	49.546	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.100%			
62) 4-Bromofluorobenzene	11.085	95	129849	52.013	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.020%			
Target Compounds					Qvalue	
16) Acetone	2.379	43	24424	18.536	ug/l	97
20) Methylene Chloride	2.794	84	7504	2.667	ug/l #	92
43) Isopropyl Acetate	6.342	43	17987	3.130	ug/l	96
52) Toluene	8.720	92	19595	3.668	ug/l	99
67) Ethyl Benzene	10.195	91	146849	14.262	ug/l	99
68) m/p-Xylenes	10.305	106	305204	79.387	ug/l	93
69) o-Xylene	10.646	106	686778	182.576	ug/l	94
73) Isopropylbenzene	10.963	105	31517	3.101	ug/l	97
78) n-propylbenzene	11.305	91	43326	3.708	ug/l #	51
80) 1,3,5-Trimethylbenzene	11.451	105	1212980	143.827	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	1579017	187.379	ug/l	99
85) sec-Butylbenzene	11.890	105	36337m	3.557	ug/l	
86) p-Isopropyltoluene	12.012	119	55066	6.466	ug/l	97
95) Naphthalene	13.780	128	5079868	502.726	ug/l	97

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

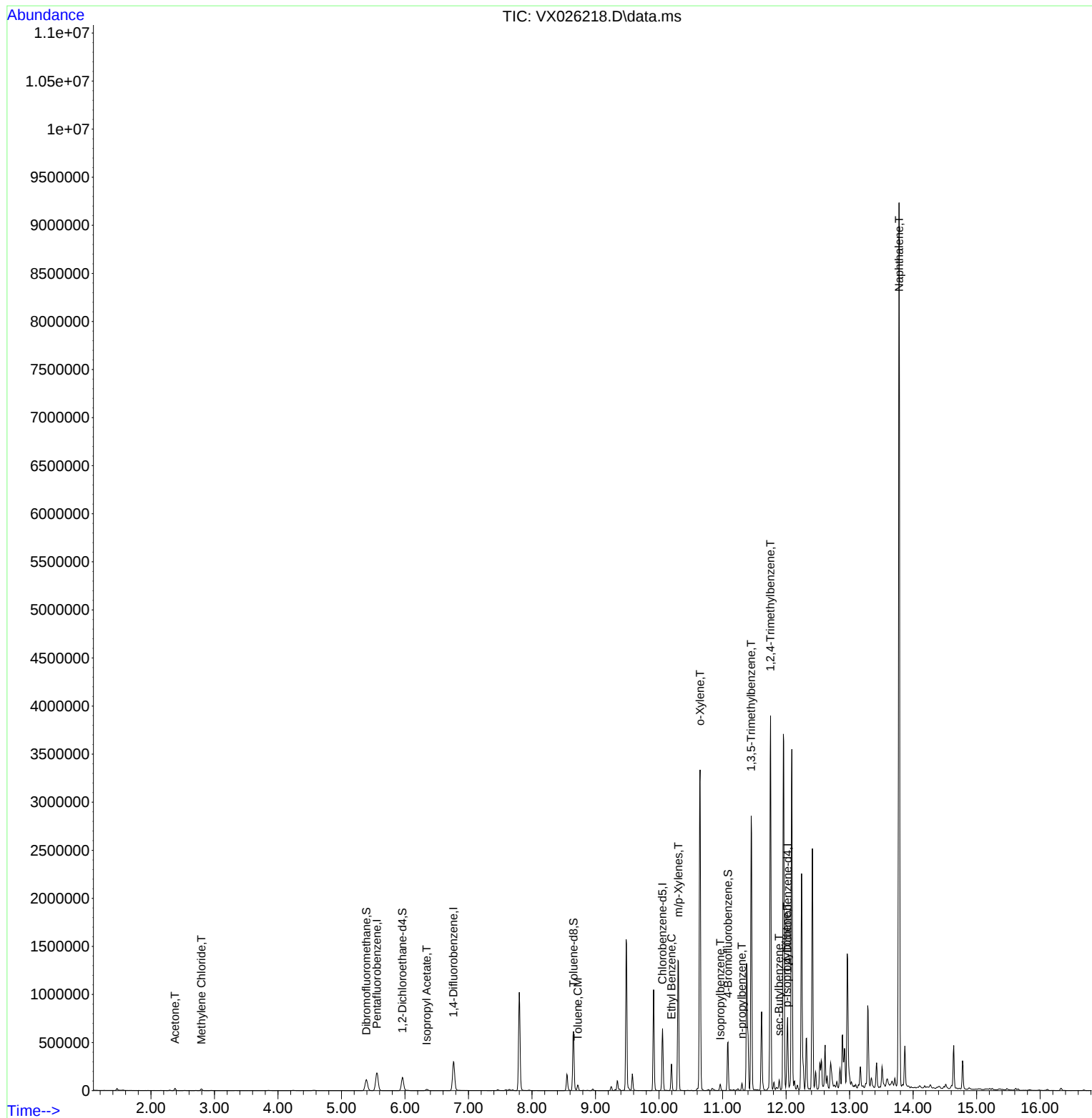
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
Data File : VX026218.D
Acq On : 03 Jan 2022 14:28
Operator : JC/MD
Sample : M5257-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

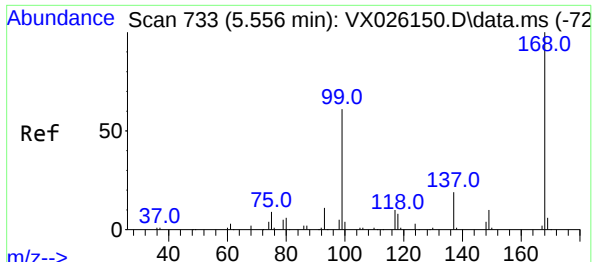
Instrument :
MSVOA_X
ClientSampleId :
P2-D

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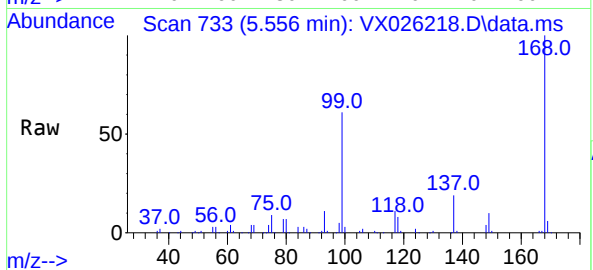
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28

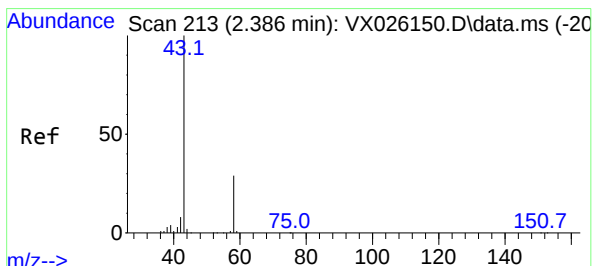
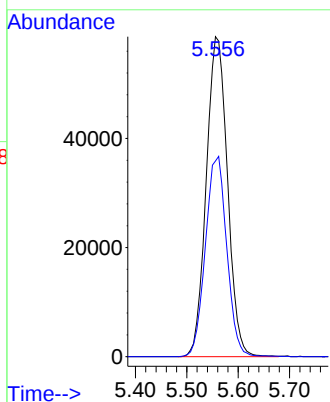
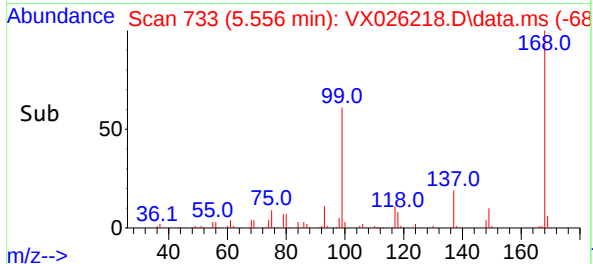
Instrument :
MSVOA_X
ClientSampleId :
P2-D



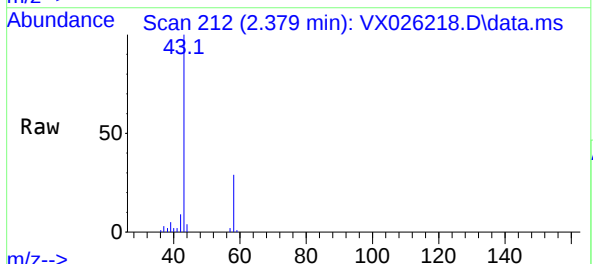
Tgt Ion:168 Resp: 168100
Ion Ratio Lower Upper
168 100
99 61.1 45.8 68.8

Manual Integrations
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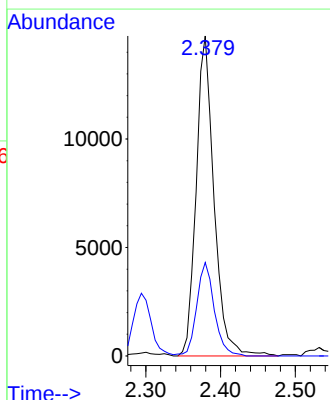
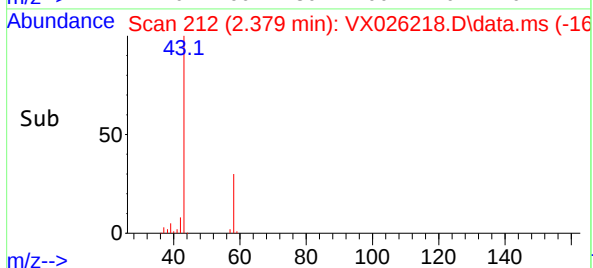
Reviewed By :John Carlone 01/04/2022
Supervised By :Mahesh Dadoda 01/04/2022

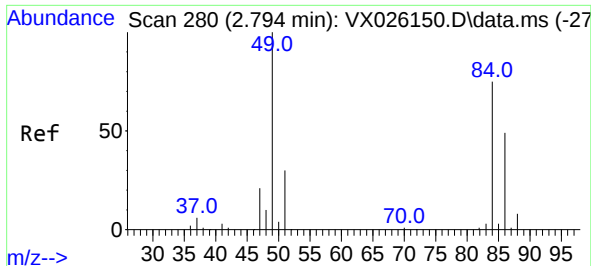


#16
Acetone
Concen: 18.536 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.007 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28



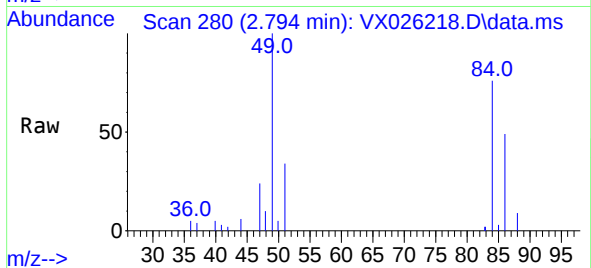
Tgt Ion: 43 Resp: 24424
Ion Ratio Lower Upper
43 100
58 29.2 24.8 37.2





#20
Methylene Chloride
Concen: 2.667 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28

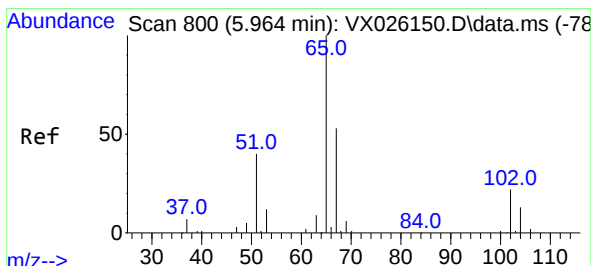
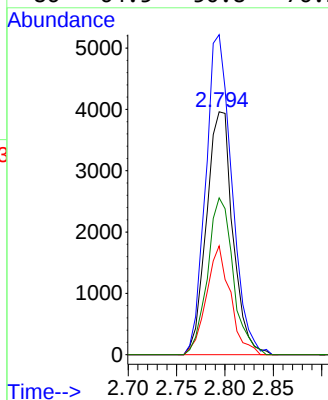
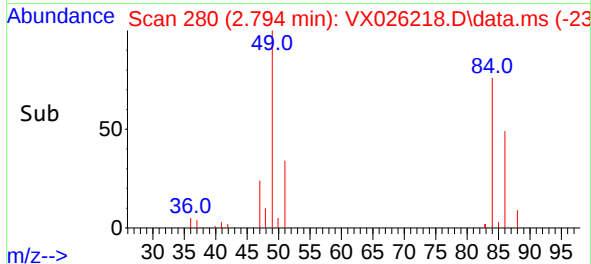
Instrument :
MSVOA_X
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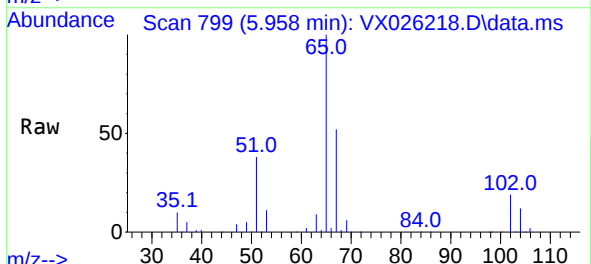
Tgt Ion: 84 Resp: 7504
Ion Ratio Lower Upper
84 100
49 131.7 97.1 145.7
51 44.8 29.3 43.9
86 64.5 50.8 76.2

Manual Integrations
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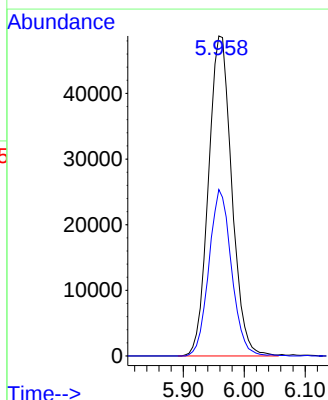
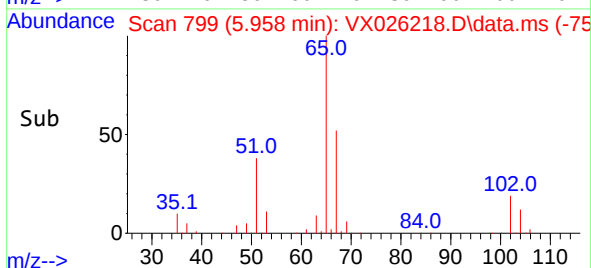
Reviewed By :John Carlone 01/04/2022
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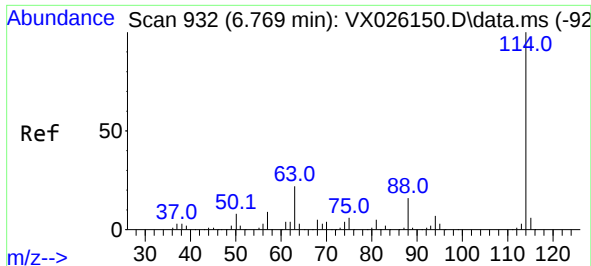


#33
1,2-Dichloroethane-d4
Concen: 53.328 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28



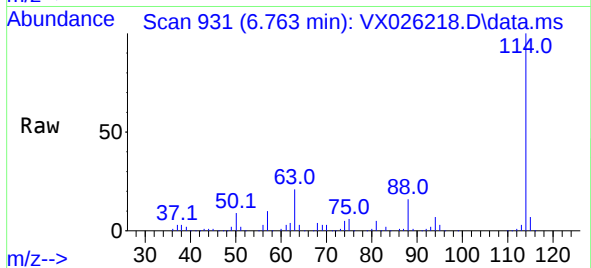
Tgt Ion: 65 Resp: 129689
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28

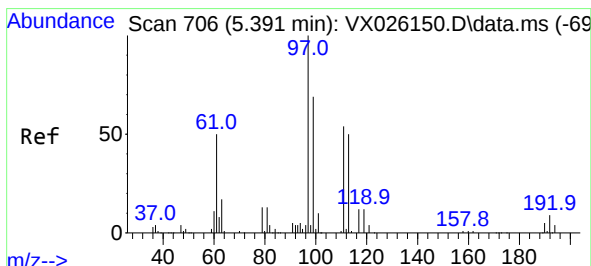
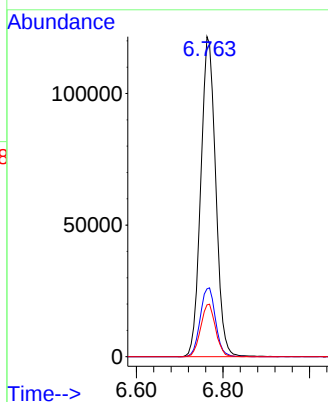
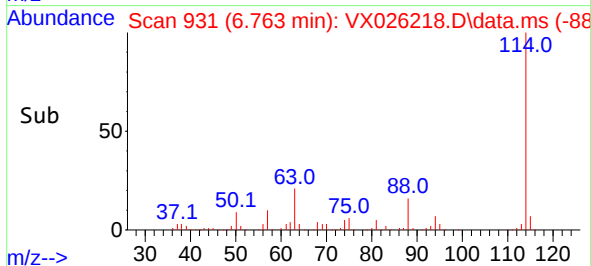
Instrument :
MSVOA_X
ClientSampleId :
P2-D



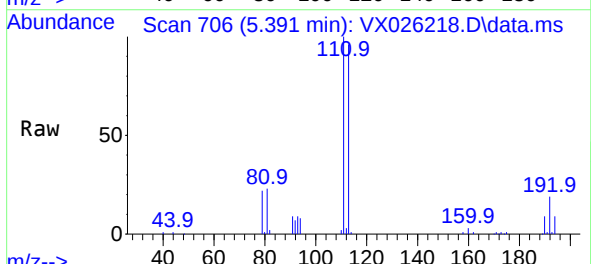
Tgt Ion:114 Resp: 289994
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.0
88 16.2 0.0 30.6

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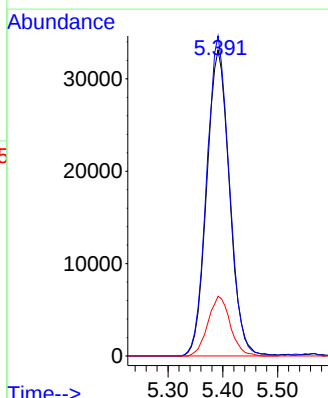
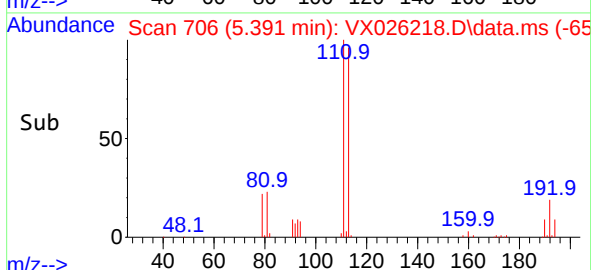
Reviewed By :John Carlone 01/04/2022
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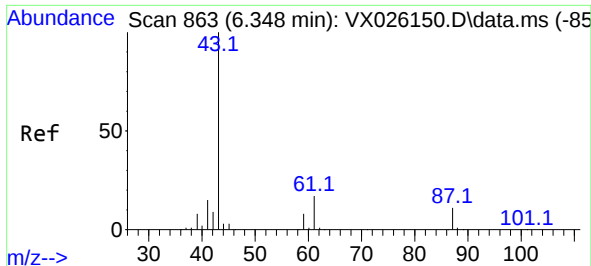


#35
Dibromofluoromethane
Concen: 50.669 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28



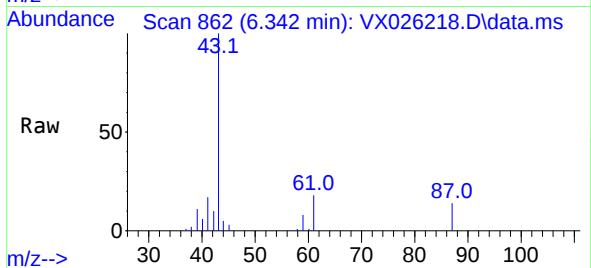
Tgt Ion:113 Resp: 95529
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.8
192 19.1 15.0 22.4





#43
Isopropyl Acetate
Concen: 3.130 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28

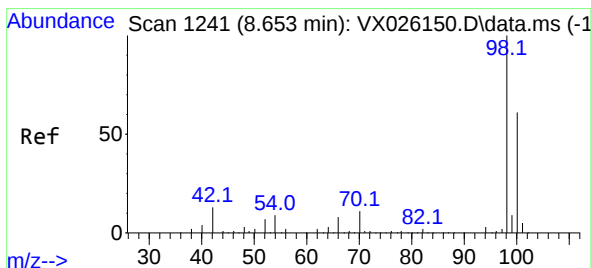
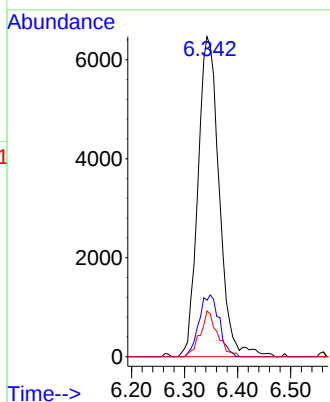
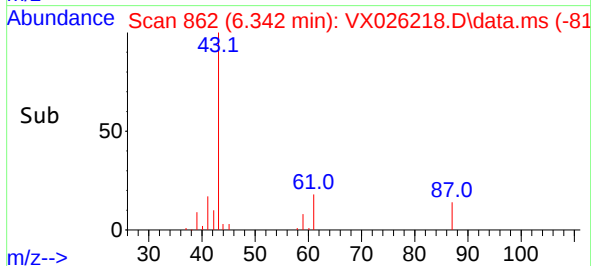
Instrument :
MSVOA_X
ClientSampleId :
P2-D



Tgt Ion: 43 Resp: 1798
Ion Ratio Lower Upper
43 100
61 18.3 15.7 23.5
87 11.6 11.2 16.8

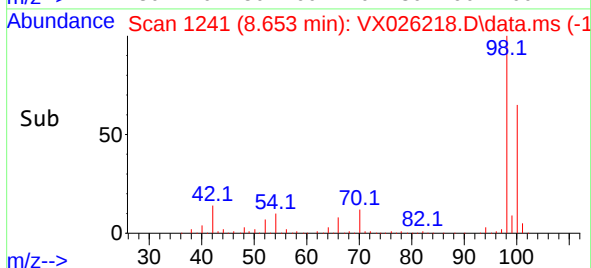
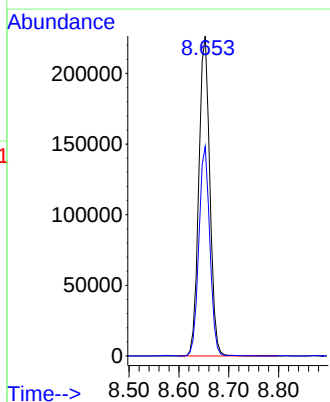
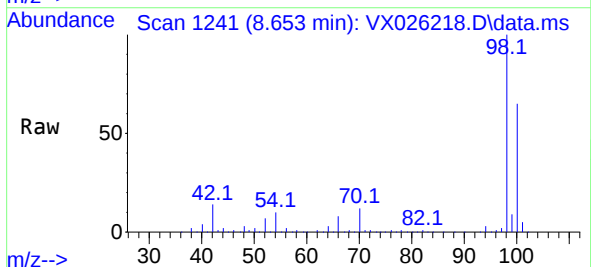
Manual Integrations
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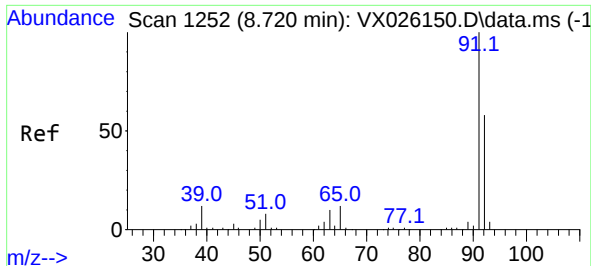
Reviewed By :John Carlone 01/04/2022
Supervised By :Mahesh Dadoda 01/04/2022



#50
Toluene-d8
Concen: 49.546 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28

Tgt Ion: 98 Resp: 347458
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8





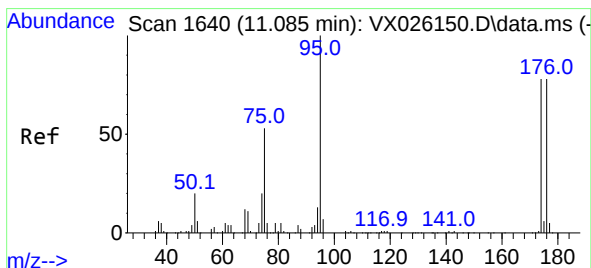
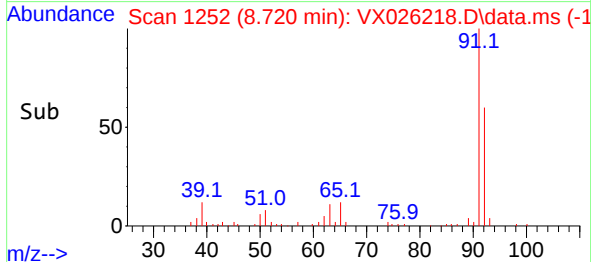
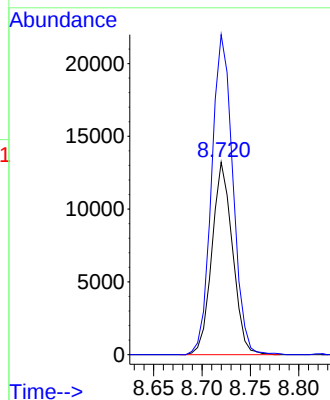
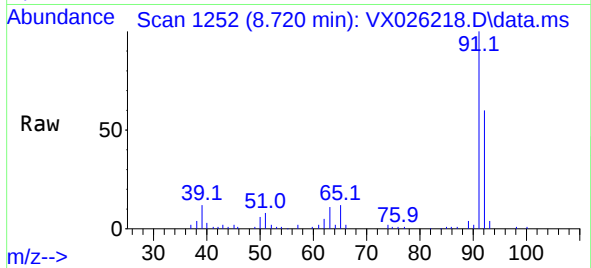
#52
Toluene
Concen: 3.668 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28

Instrument :
MSVOA_X
ClientSampleId :
P2-D

Tgt Ion: 92 Resp: 1959
Ion Ratio Lower Upper
92 100
91 171.9 136.0 204.0

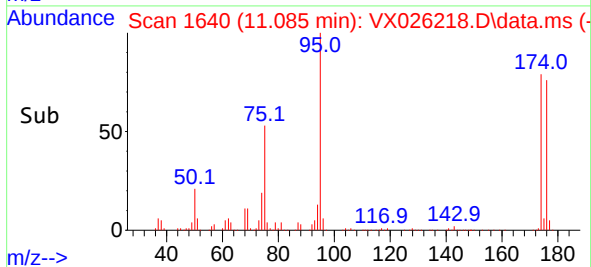
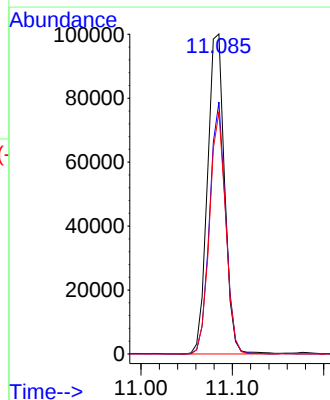
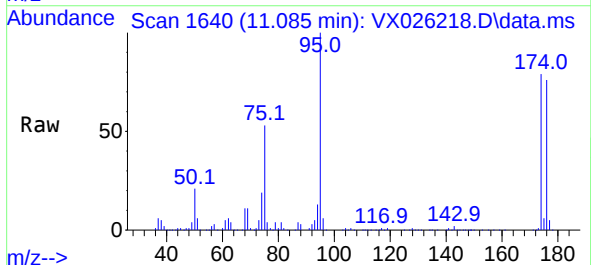
Manual Integrations
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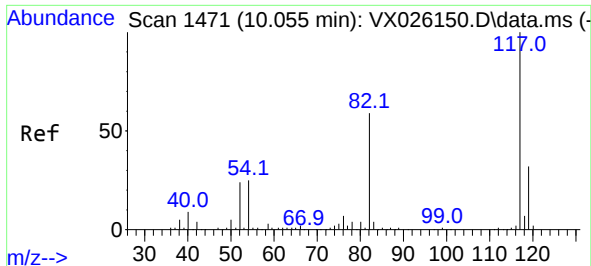
Reviewed By :John Carlone 01/04/2022
Supervised By :Mahesh Dadoda 01/04/2022



#62
4-Bromofluorobenzene
Concen: 52.013 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28

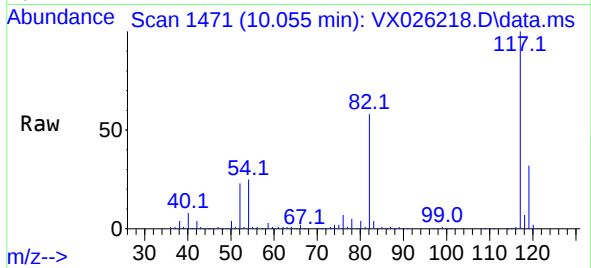
Tgt Ion: 95 Resp: 129849
Ion Ratio Lower Upper
95 100
174 73.7 0.0 157.4
176 71.5 0.0 154.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28

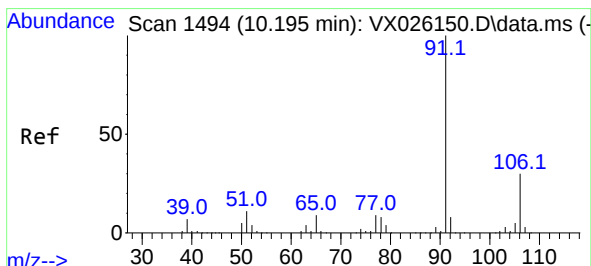
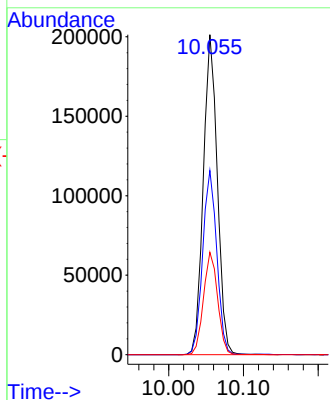
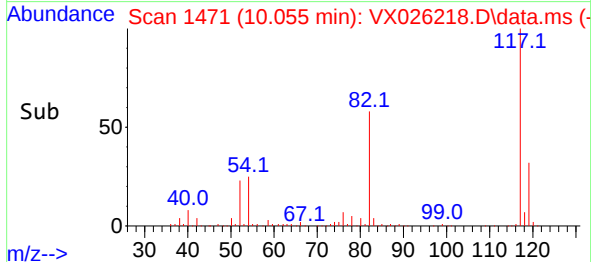
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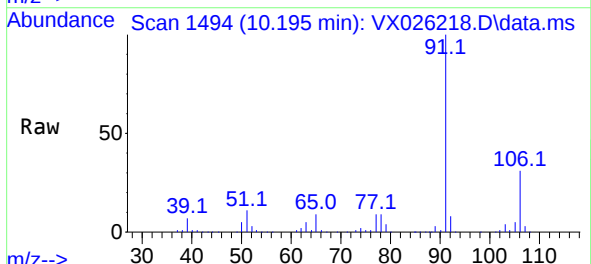
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Ion Ratio Lower Upper
117 100
82 57.5 43.8 65.6
119 32.0 25.2 37.8

Manual Integrations
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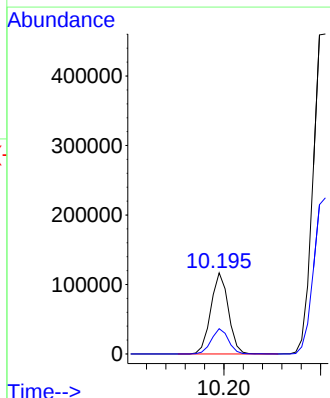
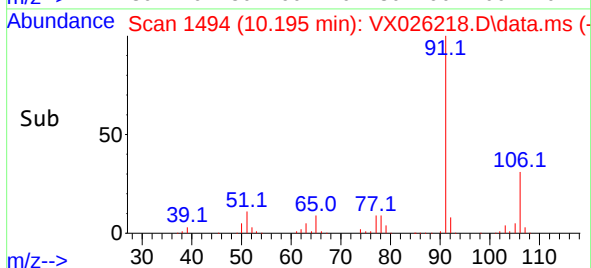
Reviewed By :John Carlone 01/04/2022
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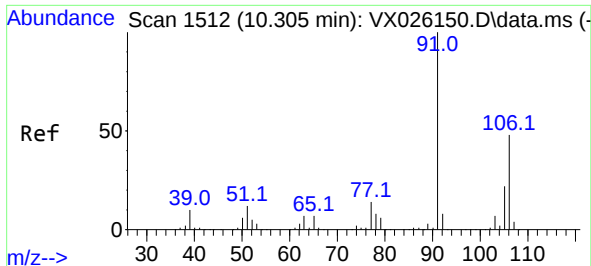


#67
Ethyl Benzene
Concen: 14.262 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28



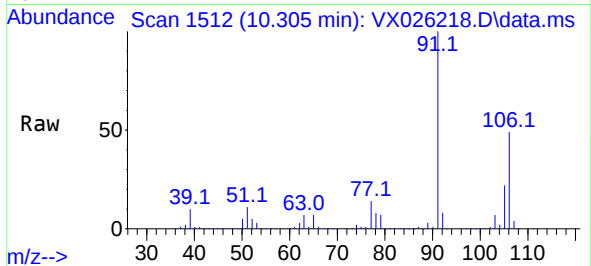
Tgt Ion: 91 Resp: 146849
Ion Ratio Lower Upper
91 100
106 31.3 25.7 38.5





#68
m/p-Xylenes
Concen: 79.387 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28

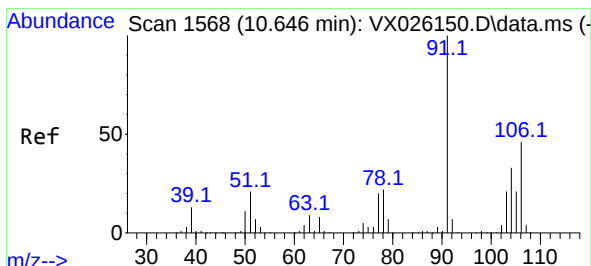
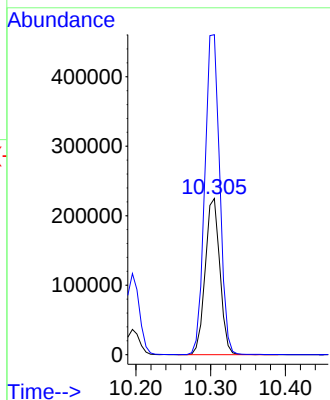
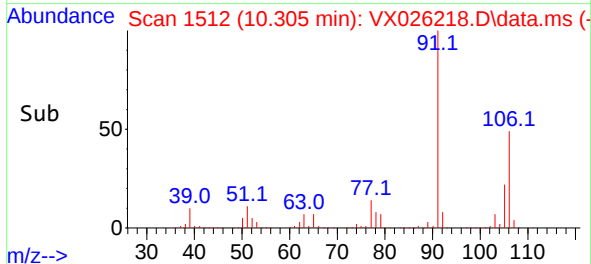
Instrument :
MSVOA_X
ClientSampleId :
P2-D



Tgt Ion:106 Resp: 305204
Ion Ratio Lower Upper
106 100
91 209.5 158.6 238.0

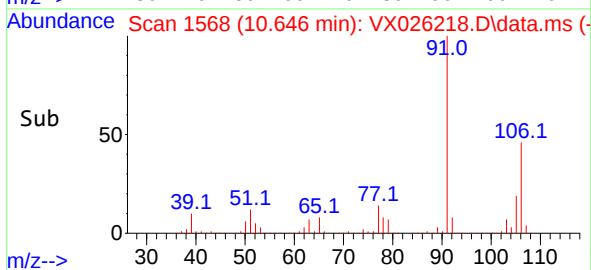
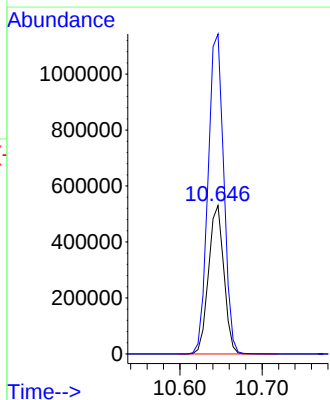
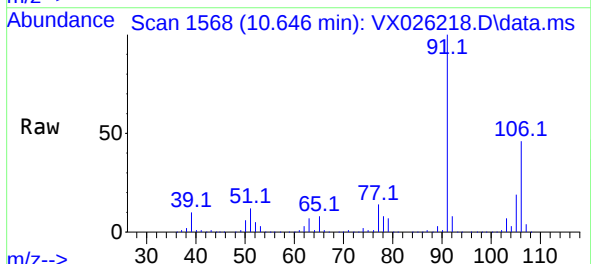
Manual Integrations
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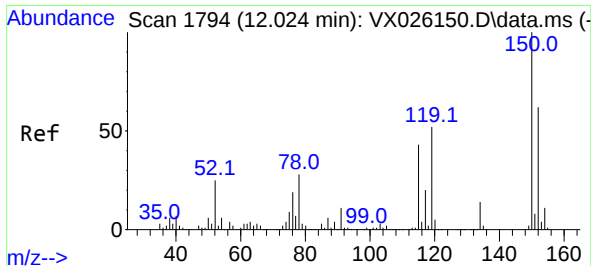
Reviewed By :John Carlone 01/04/2022
Supervised By :Mahesh Dadoda 01/04/2022



#69
o-Xylene
Concen: 182.576 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28

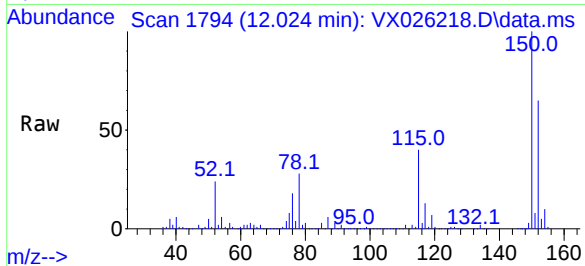
Tgt Ion:106 Resp: 686778
Ion Ratio Lower Upper
106 100
91 221.0 105.5 316.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28

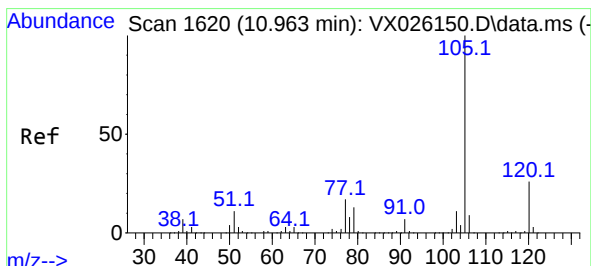
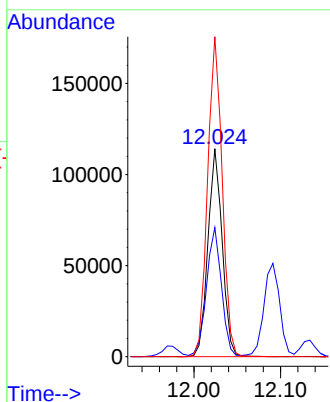
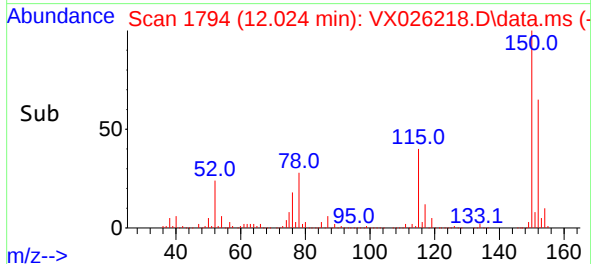
Instrument :
MSVOA_X
ClientSampleId :
P2-D



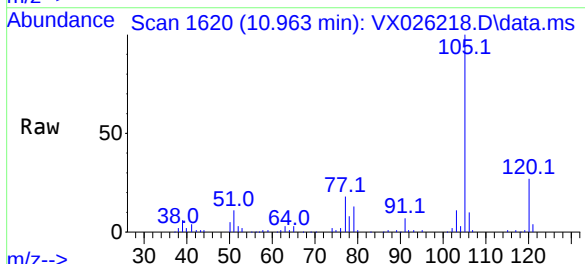
Tgt Ion:152 Resp: 13074
Ion Ratio Lower Upper
152 100
115 65.0 41.3 123.9
150 157.0 0.0 351.8

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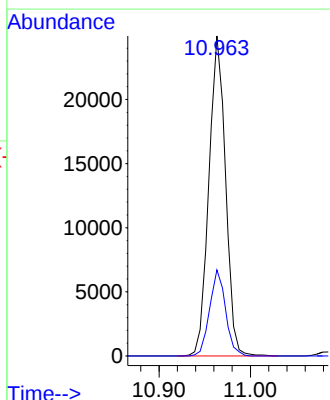
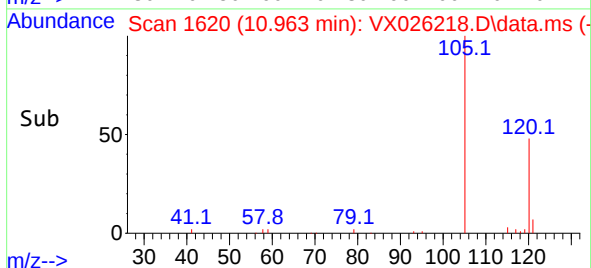
Reviewed By :John Carlone 01/04/2022
Supervised By :Mahesh Dadoda 01/04/2022

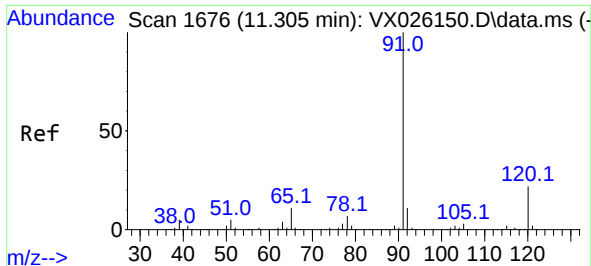


#73
Isopropylbenzene
Concen: 3.101 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28



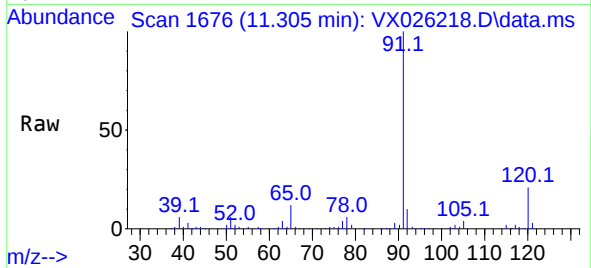
Tgt Ion:105 Resp: 31517
Ion Ratio Lower Upper
105 100
120 25.7 13.6 40.7





#78
n-propylbenzene
Concen: 3.708 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28

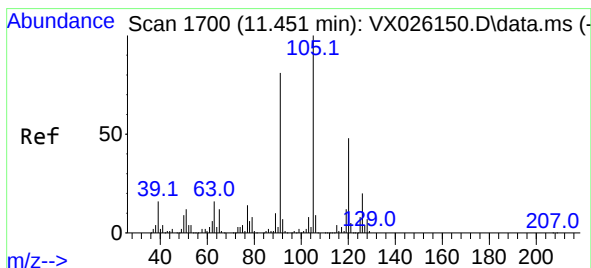
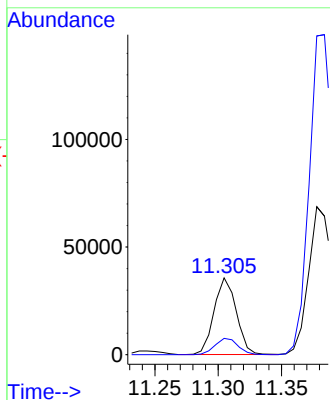
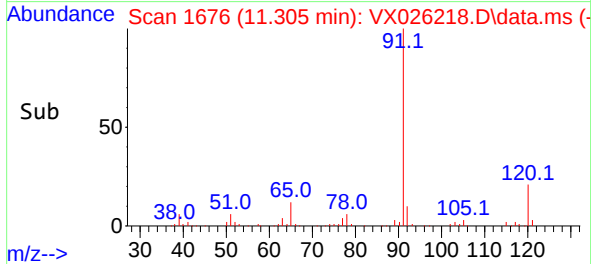
Instrument :
MSVOA_X
ClientSampleId :
P2-D



Tgt Ion: 91 Resp: 43320
Ion Ratio Lower Upper
91 100
120 0.0 12.0 36.1

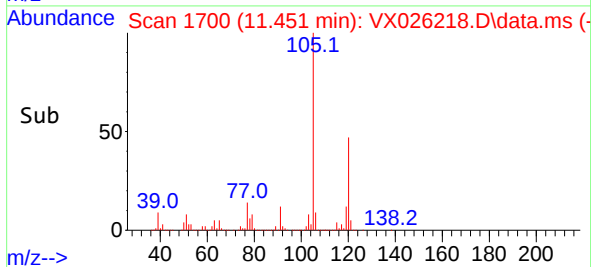
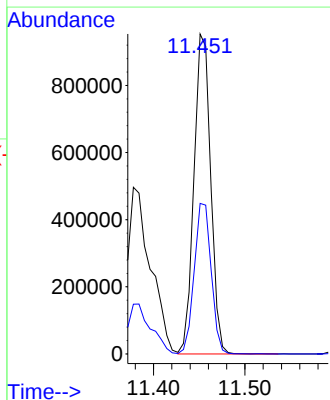
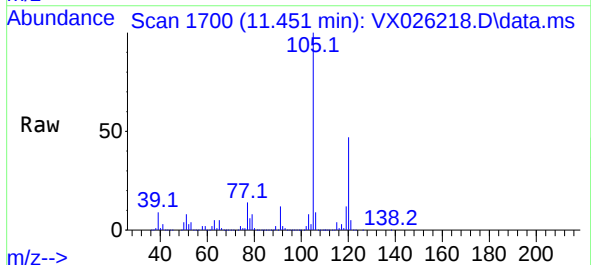
Manual Integrations
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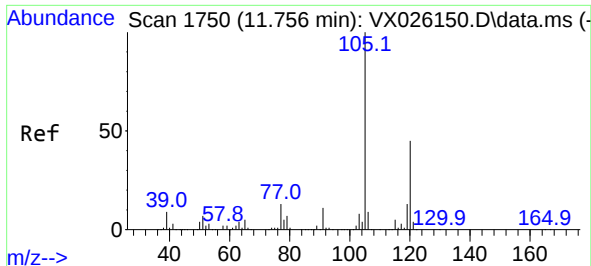
Reviewed By :John Carlone 01/04/2022
Supervised By :Mahesh Dadoda 01/04/2022



#80
1,3,5-Trimethylbenzene
Concen: 143.827 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28

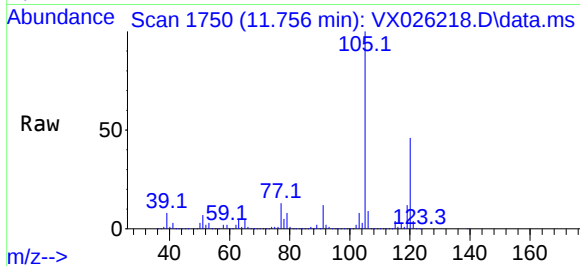
Tgt Ion:105 Resp: 1212980
Ion Ratio Lower Upper
105 100
120 47.7 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 187.379 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28

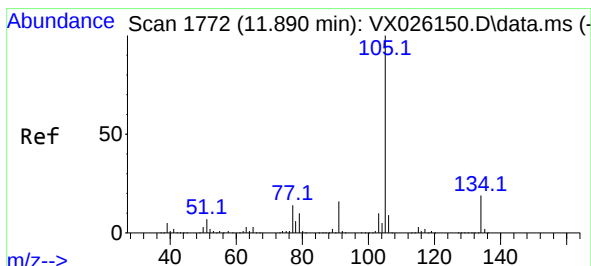
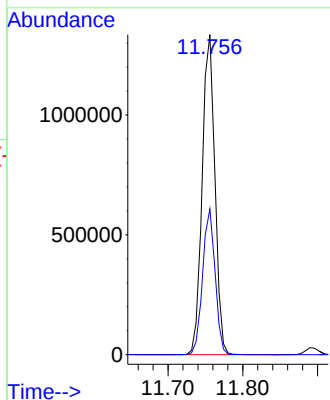
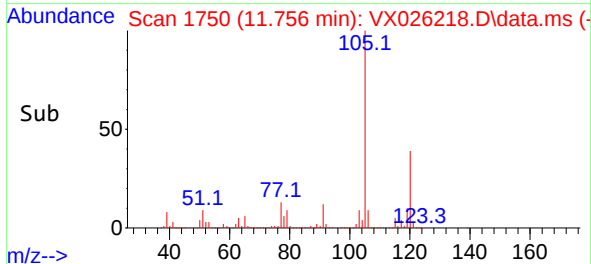
Instrument :
MSVOA_X
ClientSampleId :
P2-D



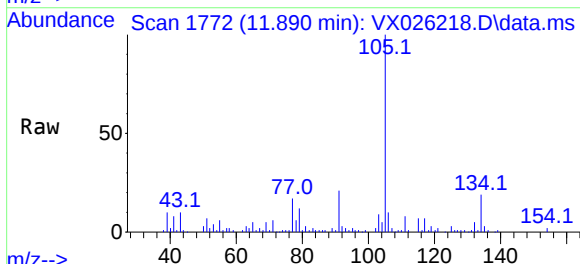
Tgt Ion:105 Resp: 157901
Ion Ratio Lower Upper
105 100
120 44.8 22.9 68.7

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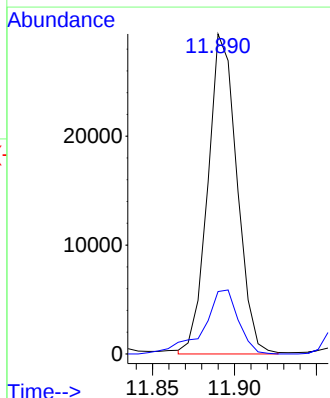
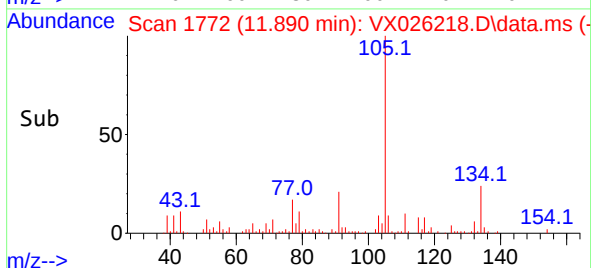
Reviewed By :John Carlone 01/04/2022
Supervised By :Mahesh Dadoda 01/04/2022

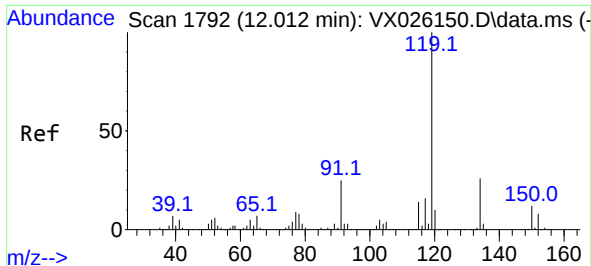


#85
sec-Butylbenzene
Concen: 3.557 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28



Tgt Ion:105 Resp: 36337
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





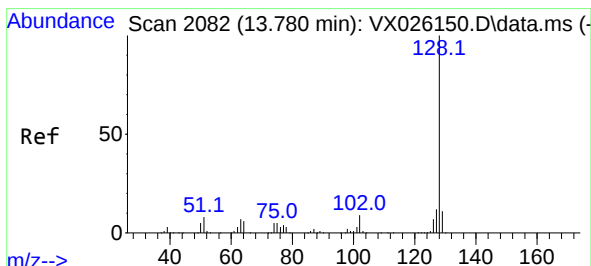
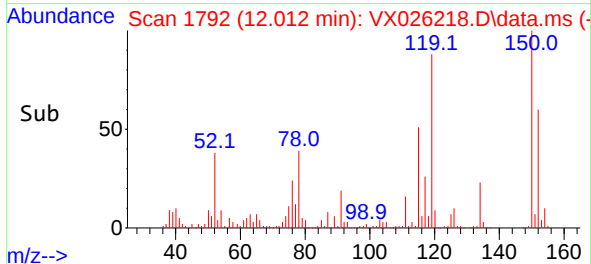
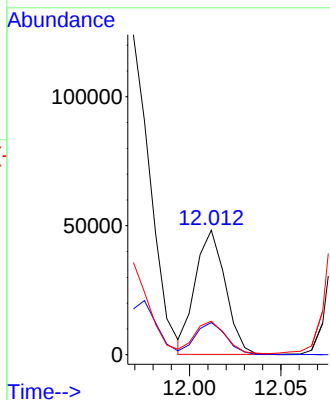
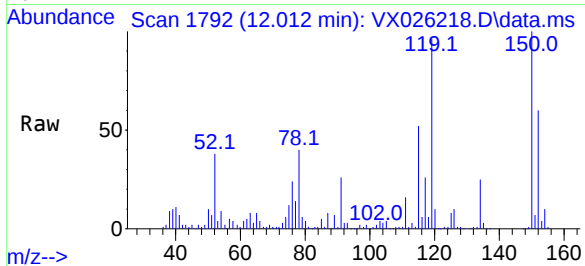
#86
p-Isopropyltoluene
Concen: 6.466 ug/l
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28

Instrument :
MSVOA_X
ClientSampleId :
P2-D

Tgt Ion:119 Resp: 55060
Ion Ratio Lower Upper
119 100
134 26.6 13.2 39.6
91 26.6 11.9 35.9

Manual Integrations
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Reviewed By :John Carlone 01/04/2022
Supervised By :Mahesh Dadoda 01/04/2022



#95
Naphthalene
Concen: 502.726 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX026218.D
Acq: 03 Jan 2022 14:28

Tgt Ion:128 Resp: 5079868
Ion Ratio Lower Upper
128 100
127 14.3 10.3 15.5
129 12.2 8.8 13.2

