

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021574.D
 Acq On : 29 Mar 2021 14:05
 Operator : JC/MD
 Sample : M1785-15 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Manual Integrations
 APPROVED

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 3/31/2021 12:06:54 PM

Quant Time: Mar 30 03:27:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	62597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	114338	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	118030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	58057	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	53166	51.05	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.10%			
35) Dibromofluoromethane	5.464	113	40807	50.24	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.48%			
50) Toluene-d8	8.694	98	145276	50.20	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.40%			
62) 4-Bromofluorobenzene	11.118	95	63160	56.13	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.26%			
Target Compounds						Qvalue
67) Ethyl Benzene	10.235	91	24267	5.61	ug/l	100
68) m/p-Xylenes	10.341	106	5299	3.44	ug/l	91
73) Isopropylbenzene	11.000	105	20719	5.08	ug/l	98
78) n-propylbenzene	11.341	91	41572	8.63	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	6790	1.95	ug/l	99
83) tert-Butylbenzene	11.753	119	2725	0.80	ug/l	80
84) 1,2,4-Trimethylbenzene	11.788	105	274528	78.14	ug/l	97
85) sec-Butylbenzene	11.930	105	12010	3.07	ug/l	91
86) p-Isopropyltoluene	12.047	119	2850m	0.80	ug/l	
89) n-Butylbenzene	12.371	91	6586	2.02	ug/l #	71
95) Naphthalene	13.818	128	19299	5.10	ug/l	99

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

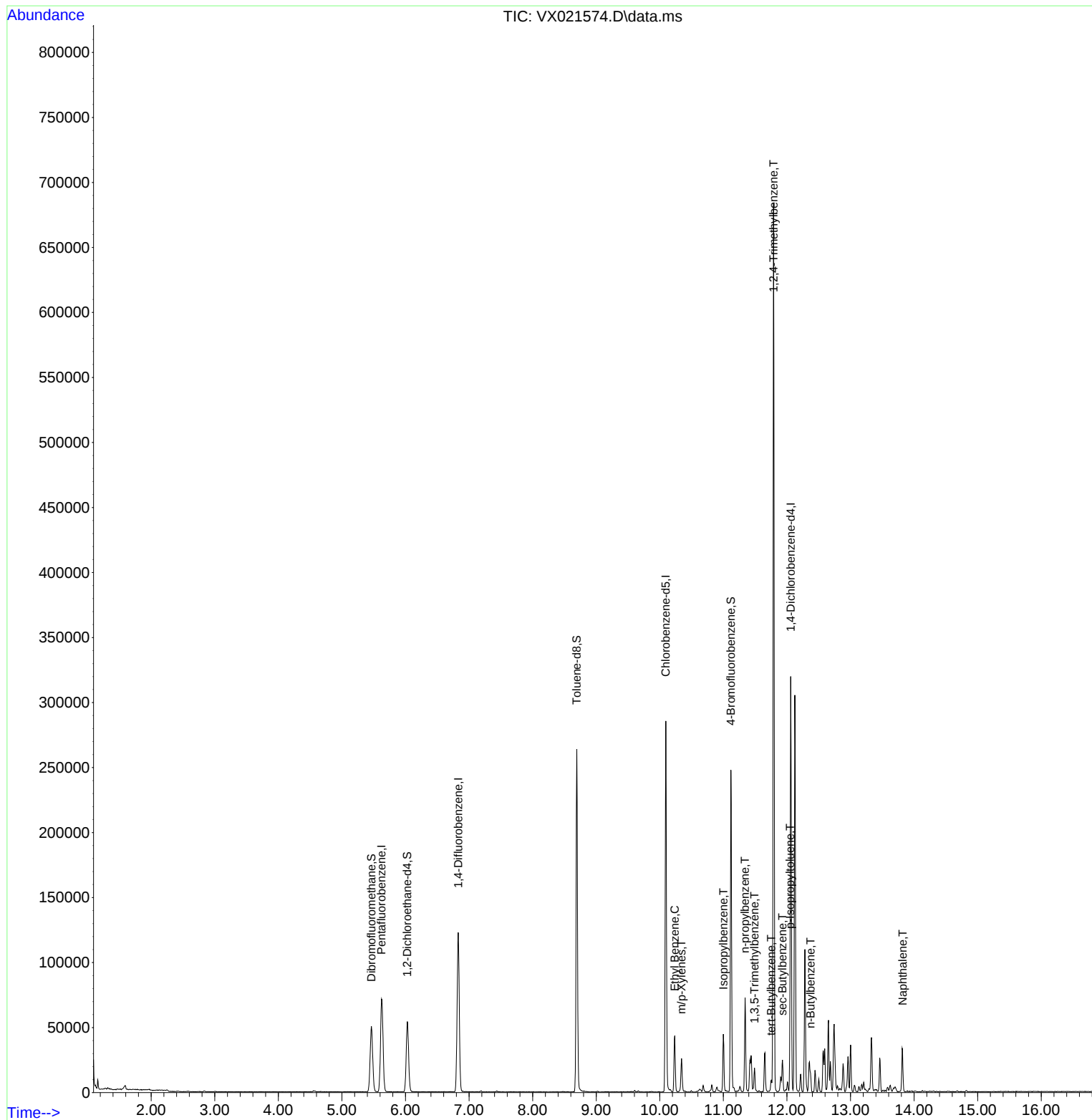
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Data File : VX021574.D
Acq On : 29 Mar 2021 14:05
Operator : JC/MD
Sample : M1785-15 20X
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ALS Vial : 12 Sample Multiplier: 1

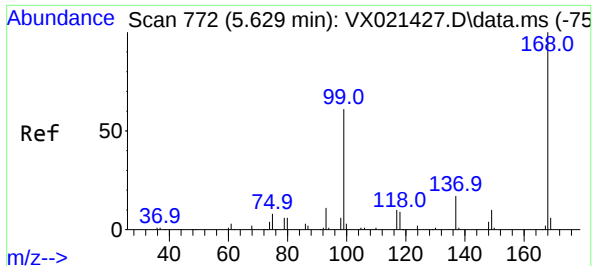
Instrument :
MSVOA_X
ClientSampleId :
MW-4

Manual Integrations
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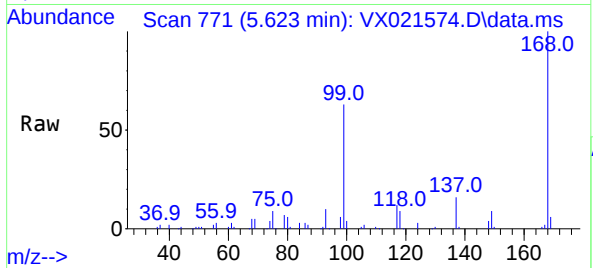
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Quant Time: Mar 30 03:27:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration

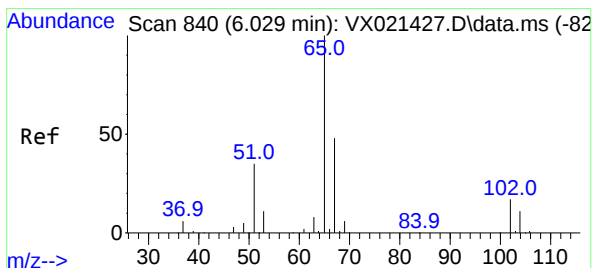
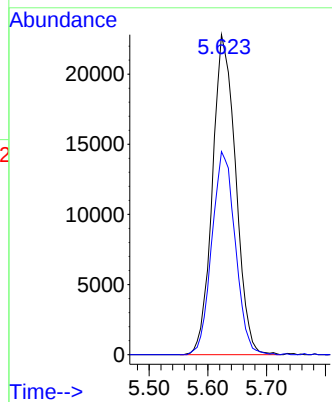
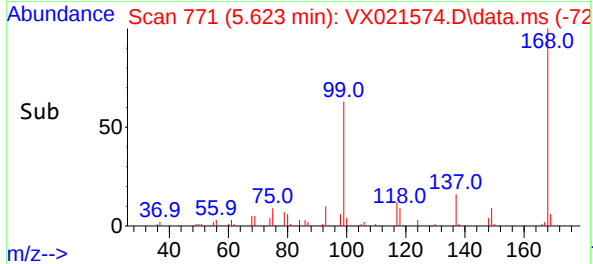




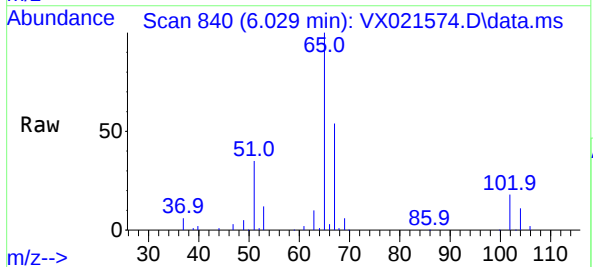
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.006 min
Lab File: VX021574.D
Acq: 29 Mar 2021 14:05



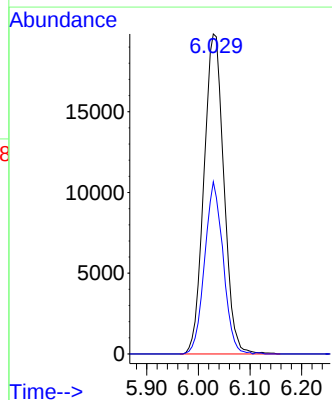
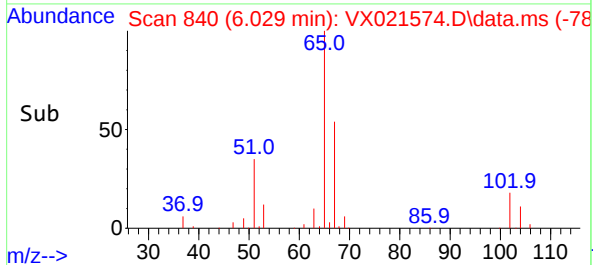
Tgt Ion:168 Resp: 62597
Ion Ratio Lower Upper
168 100
99 63.5 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 51.05 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021574.D
Acq: 29 Mar 2021 14:05



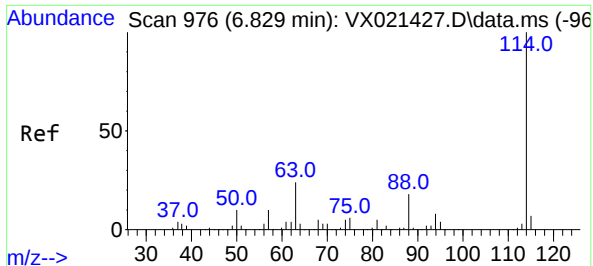
Tgt Ion: 65 Resp: 53166
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4



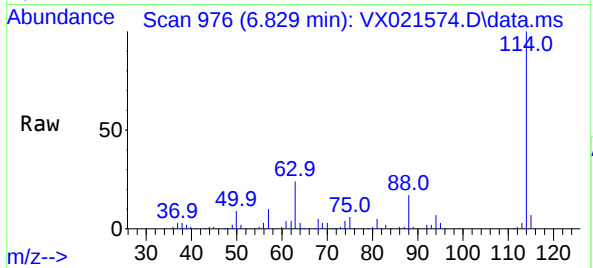
Instrument :
MSVOA_X
ClientSampled :
MW-4

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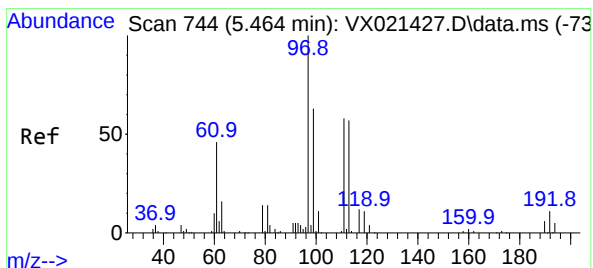
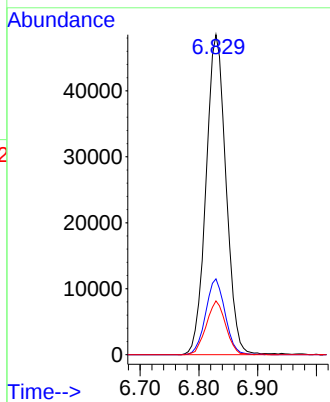
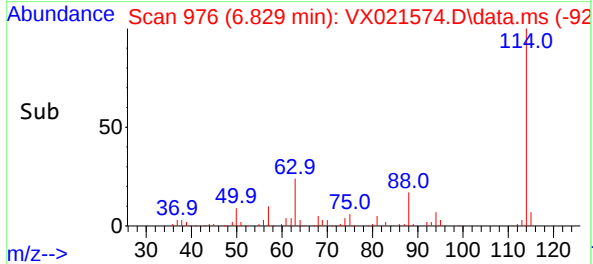
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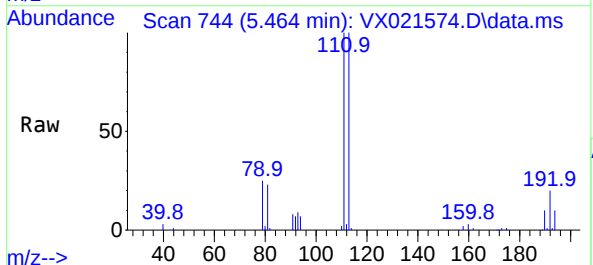
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1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021574.D
Acq: 29 Mar 2021 14:05



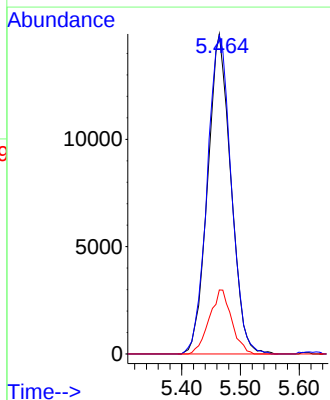
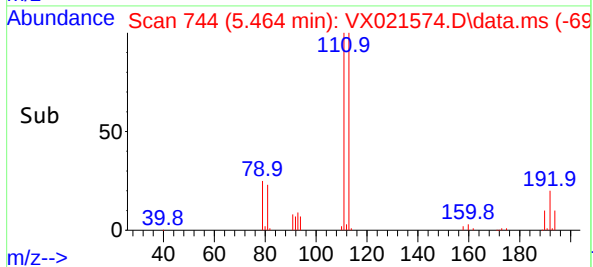
Tgt Ion:114 Resp: 114338
Ion Ratio Lower Upper
114 100
63 23.7 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.24 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021574.D
Acq: 29 Mar 2021 14:05



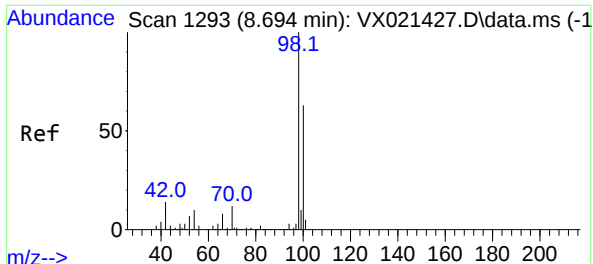
Tgt Ion:113 Resp: 40807
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 19.2 16.7 25.1



Instrument :
MSVOA_X
ClientSampled :
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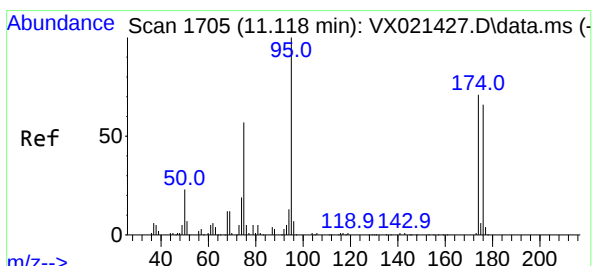
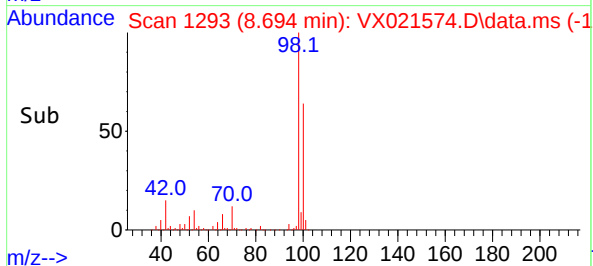
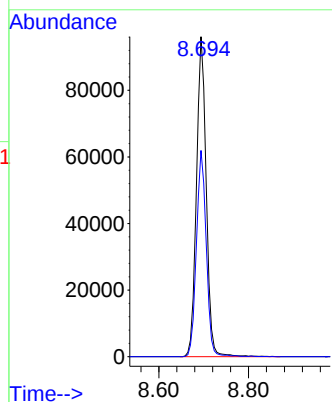
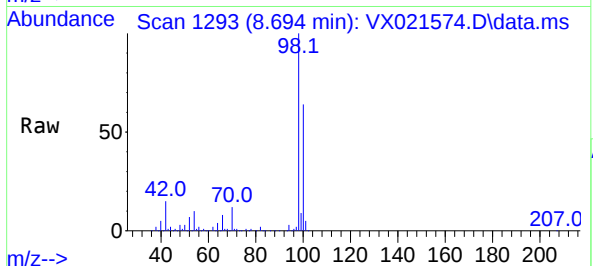
#50
Toluene-d8
Concen: 50.20 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021574.D
Acq: 29 Mar 2021 14:05

Tgt Ion: 98 Resp: 145276
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

Instrument :
MSVOA_X
ClientSampleId :
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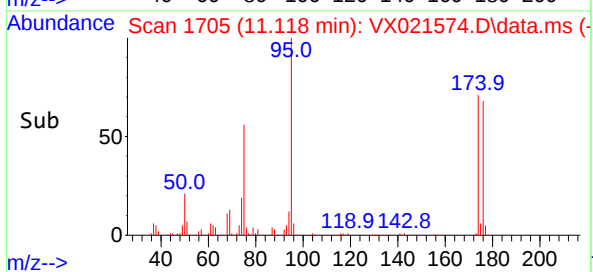
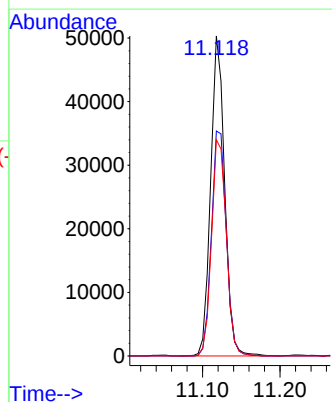
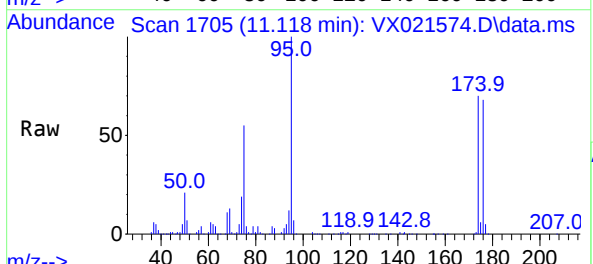
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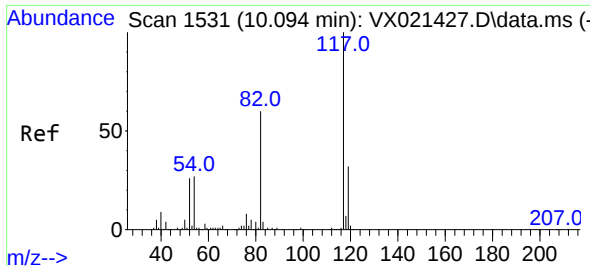
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#62
4-Bromofluorobenzene
Concen: 56.13 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021574.D
Acq: 29 Mar 2021 14:05

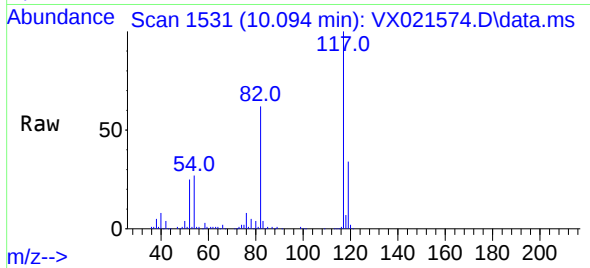
Tgt Ion: 95 Resp: 63160
Ion Ratio Lower Upper
95 100
174 74.5 0.0 154.6
176 71.3 0.0 155.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021574.D
Acq: 29 Mar 2021 14:05

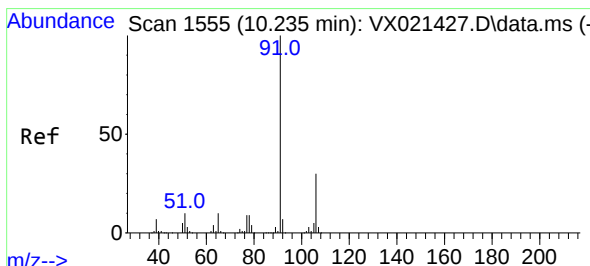
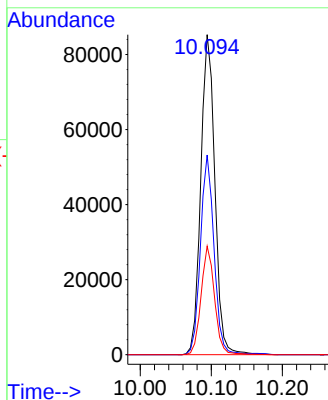
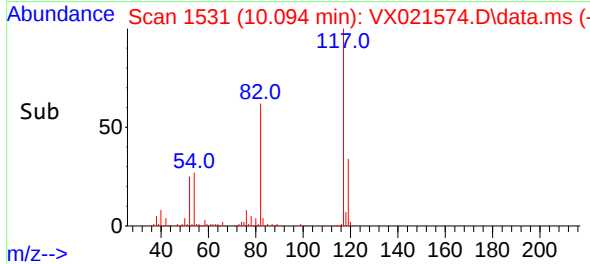
Instrument :
MSVOA_X
ClientSampleId :
MW-4



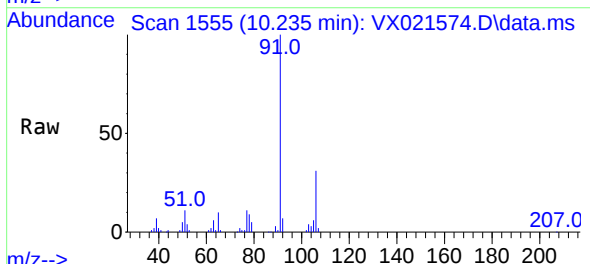
Tgt Ion:117 Resp: 118030
Ion Ratio Lower Upper
117 100
82 62.4 47.4 71.2
119 33.9 26.6 39.8

Manual Integrations
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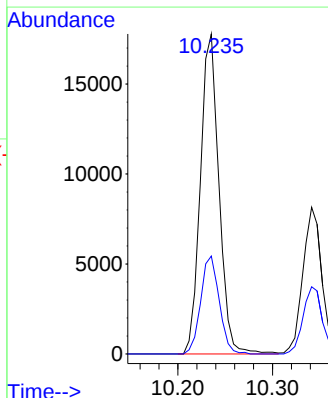
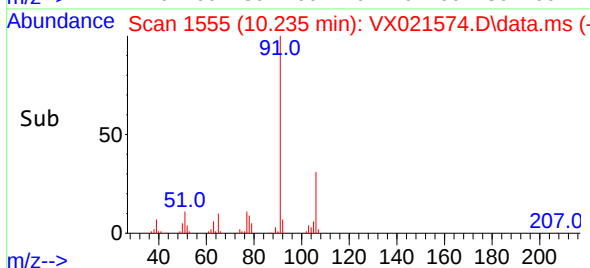
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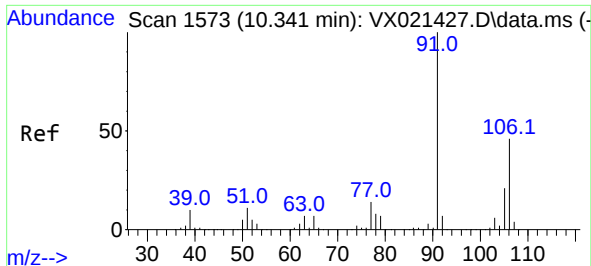


#67
Ethyl Benzene
Concen: 5.61 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021574.D
Acq: 29 Mar 2021 14:05



Tgt Ion: 91 Resp: 24267
Ion Ratio Lower Upper
91 100
106 30.6 24.6 37.0





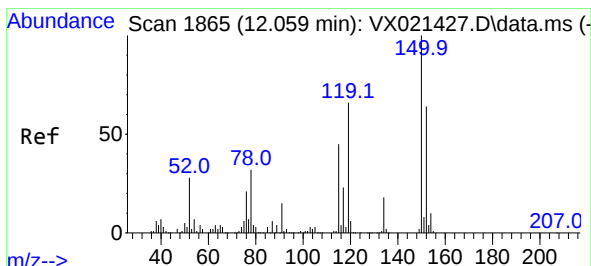
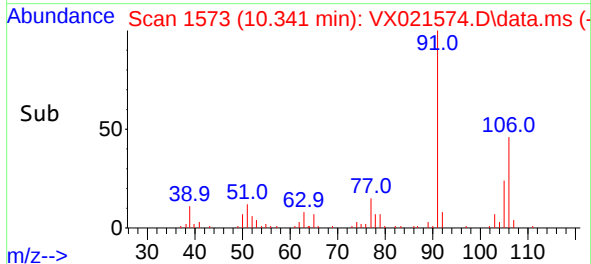
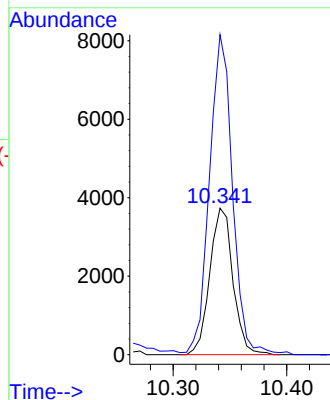
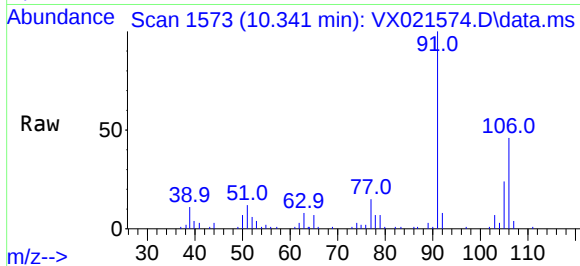
#68
m/p-Xylenes
Concen: 3.44 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021574.D
Acq: 29 Mar 2021 14:05

Tgt Ion:106 Resp: 5299
Ion Ratio Lower Upper
106 100
91 217.1 162.8 244.2

Instrument :
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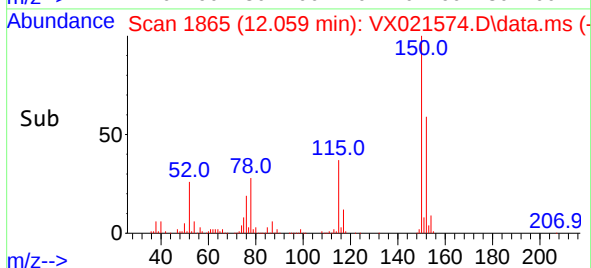
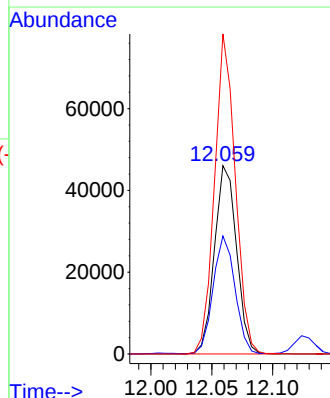
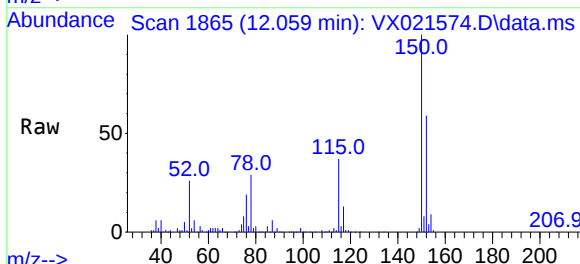
Manual Integrations
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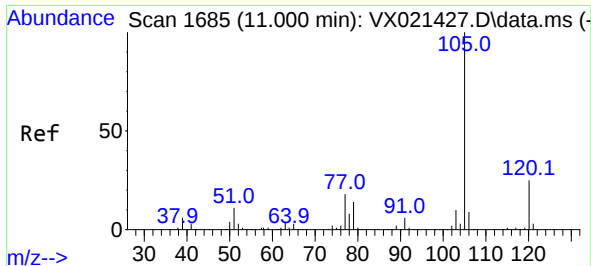
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021574.D
Acq: 29 Mar 2021 14:05

Tgt Ion:152 Resp: 58057
Ion Ratio Lower Upper
152 100
115 62.0 41.1 123.3
150 160.0 0.0 349.0





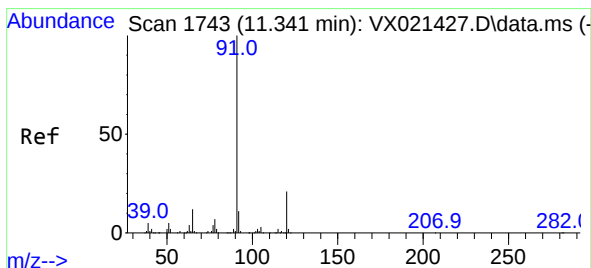
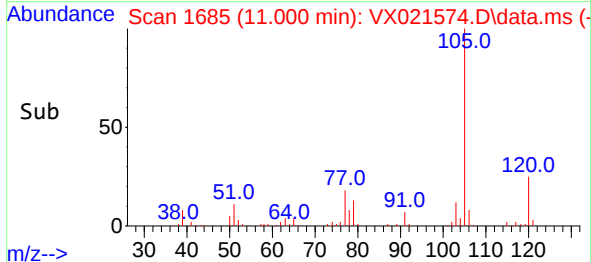
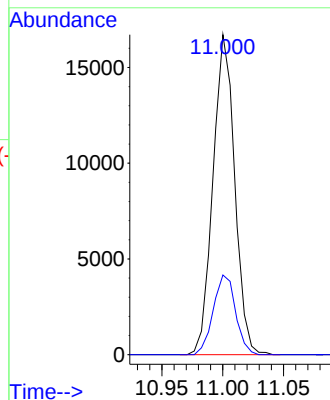
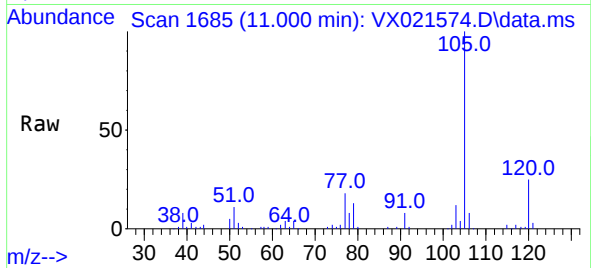
#73
Isopropylbenzene
Concen: 5.08 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021574.D
Acq: 29 Mar 2021 14:05

Tgt Ion: 105 Resp: 20719
Ion Ratio Lower Upper
105 100
120 25.6 13.2 39.6

Instrument :
MSVOA_X
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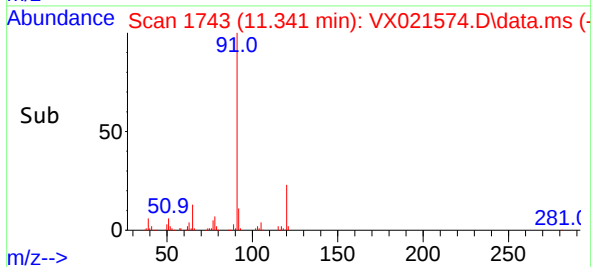
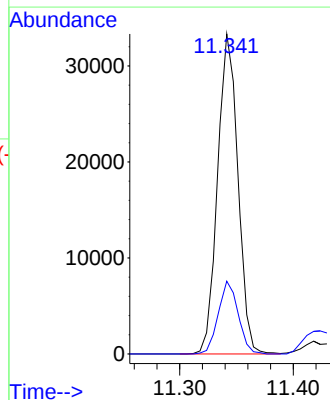
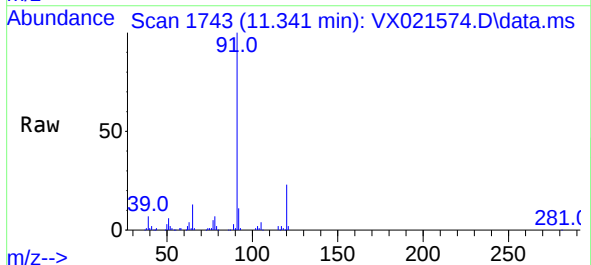
Manual Integrations
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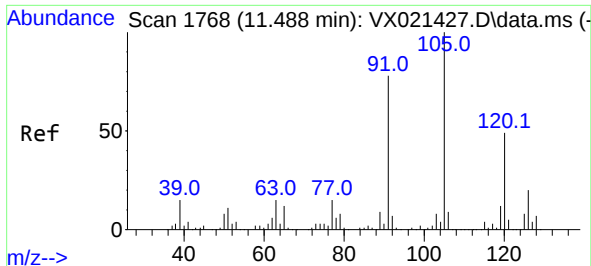
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#78
n-propylbenzene
Concen: 8.63 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021574.D
Acq: 29 Mar 2021 14:05

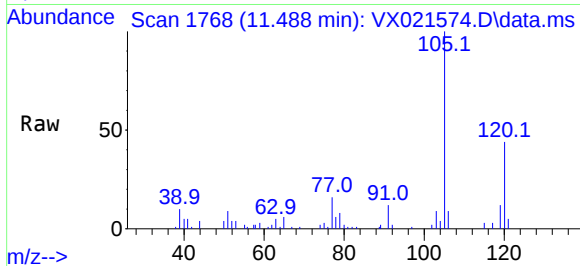
Tgt Ion: 91 Resp: 41572
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.5





#80
1,3,5-Trimethylbenzene
Concen: 1.95 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX021574.D
Acq: 29 Mar 2021 14:05

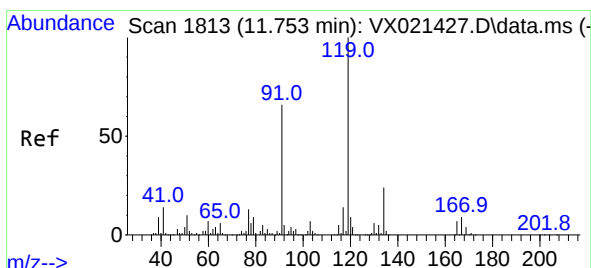
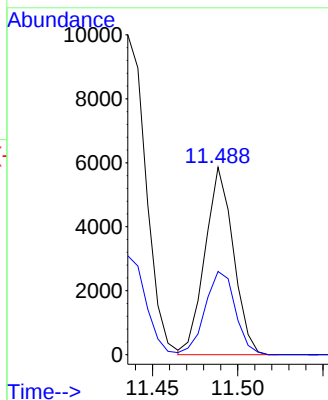
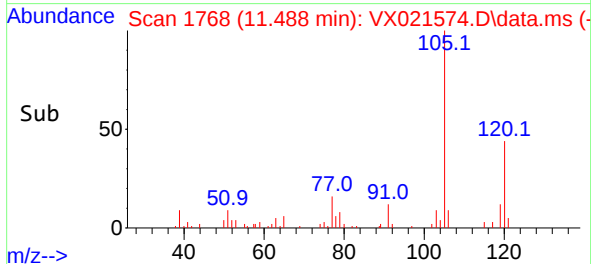
Instrument :
MSVOA_X
ClientSampled :
MW-4



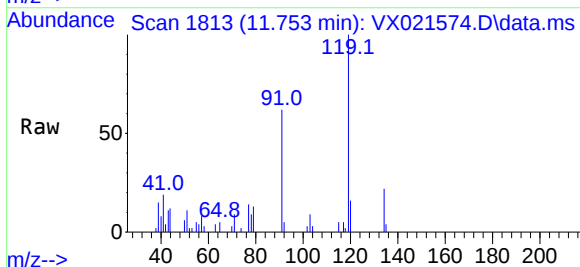
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Ion Ratio Lower Upper
105 100
120 47.1 23.8 71.5

Manual Integrations
APPROVED

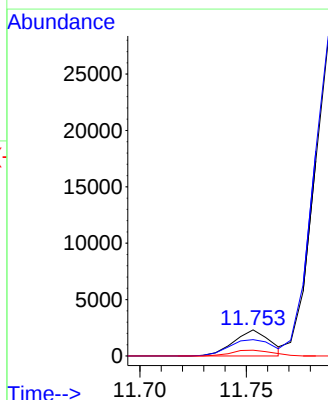
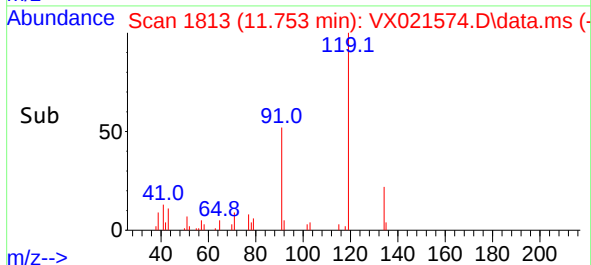
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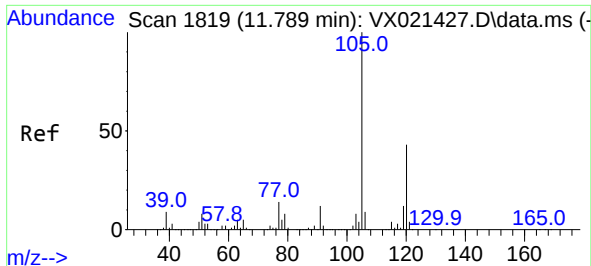


#83
tert-Butylbenzene
Concen: 0.80 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VX021574.D
Acq: 29 Mar 2021 14:05

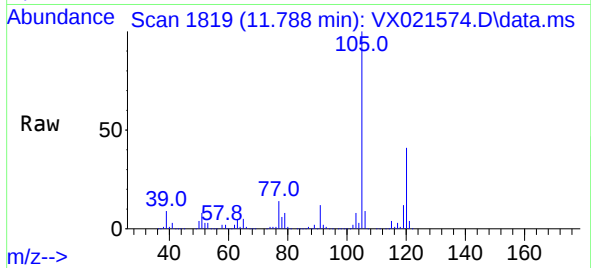


Tgt Ion:119 Resp: 2725
Ion Ratio Lower Upper
119 100
91 74.9 27.9 83.7
134 25.0 11.3 33.9

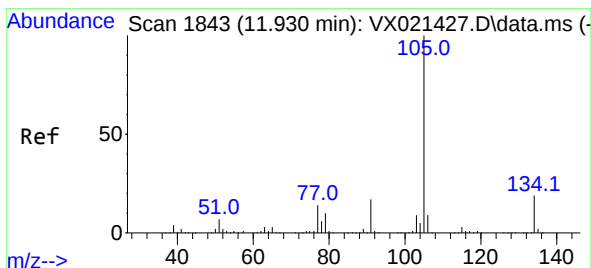
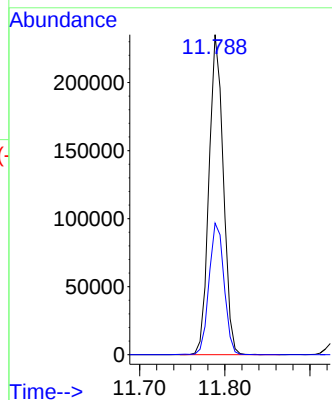
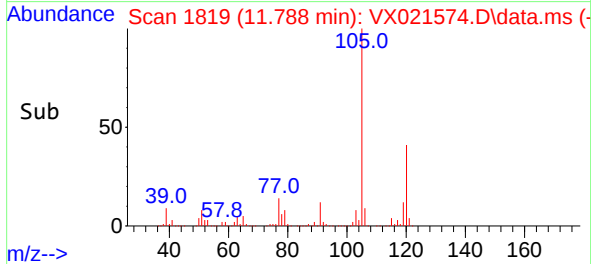




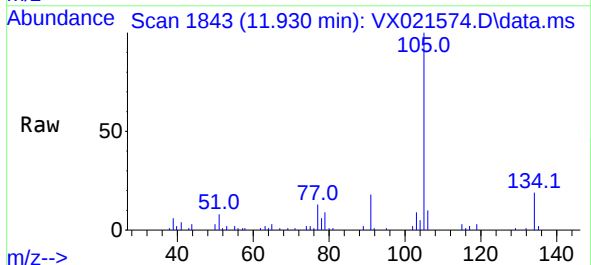
#84
1,2,4-Trimethylbenzene
Concen: 78.14 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. -0.001 min
Lab File: VX021574.D
Acq: 29 Mar 2021 14:05



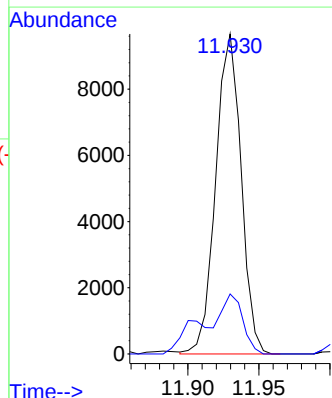
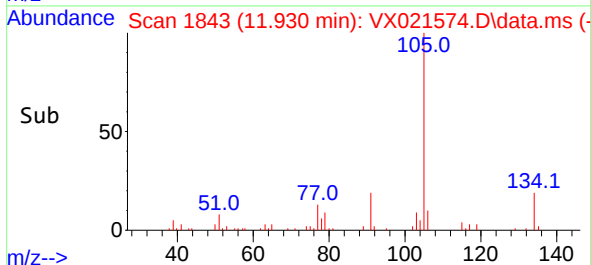
Tgt Ion:105 Resp: 274528
Ion Ratio Lower Upper
105 100
120 43.1 22.4 67.3



#85
sec-Butylbenzene
Concen: 3.07 ug/l
RT: 11.930 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX021574.D
Acq: 29 Mar 2021 14:05



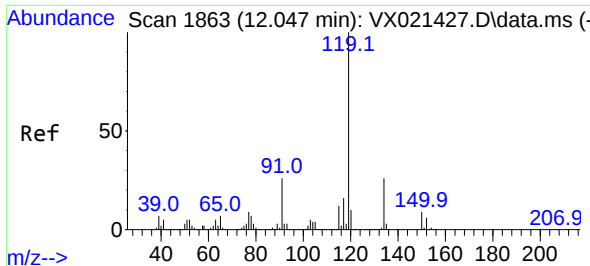
Tgt Ion:105 Resp: 12010
Ion Ratio Lower Upper
105 100
134 15.9 10.0 29.8



Instrument :
MSVOA_X
ClientSampleId :
MW-4

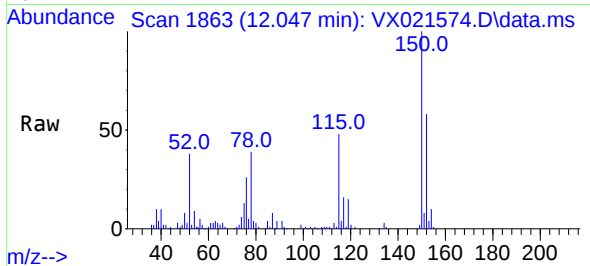
Manual Integrations
APPROVED

MMDadoda
3/31/2021 12:06:54 PM



#86
p-Isopropyltoluene
Concen: 0.80 ug/l m
RT: 12.047 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VX021574.D
Acq: 29 Mar 2021 14:05

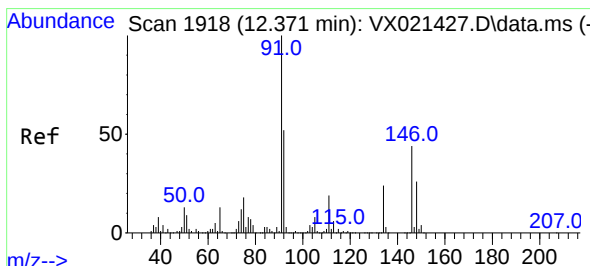
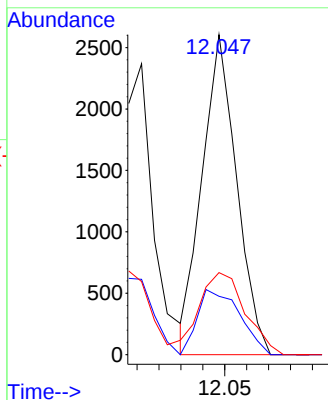
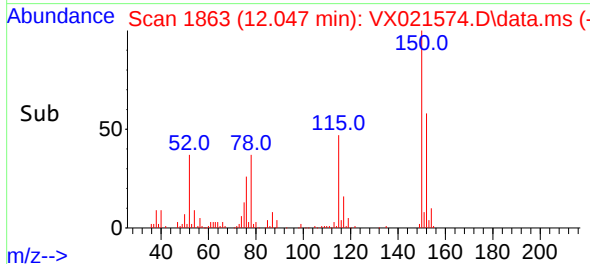
Instrument :
MSVOA_X
ClientSampled :
MW-4



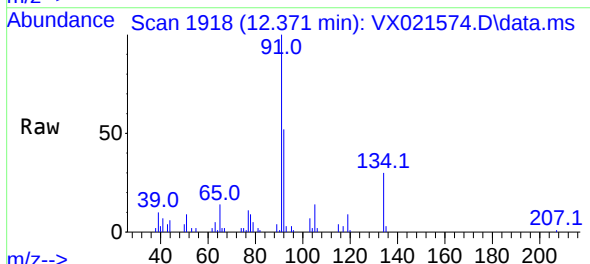
Tgt Ion:119 Resp: 2850
Ion Ratio Lower Upper
119 100
134 54.5 12.9 38.7#
91 51.2 11.7 35.0#

Manual Integrations
APPROVED

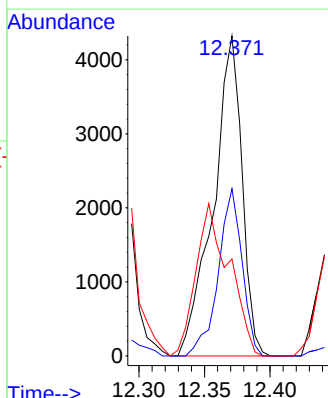
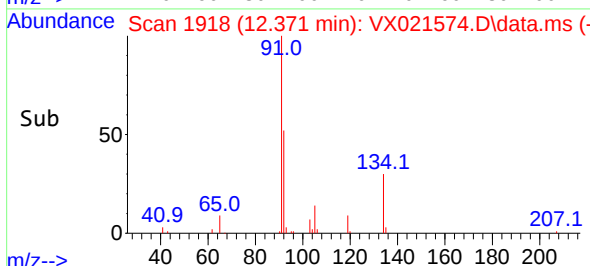
MMDadoda
3/31/2021 12:06:54 PM

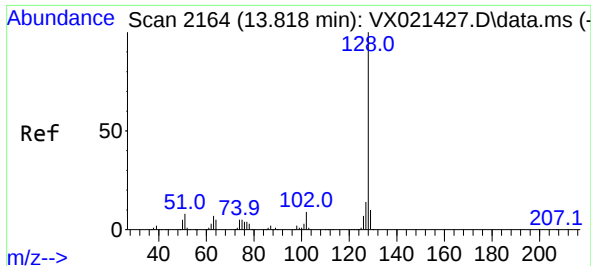


#89
n-Butylbenzene
Concen: 2.02 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. -0.000 min
Lab File: VX021574.D
Acq: 29 Mar 2021 14:05



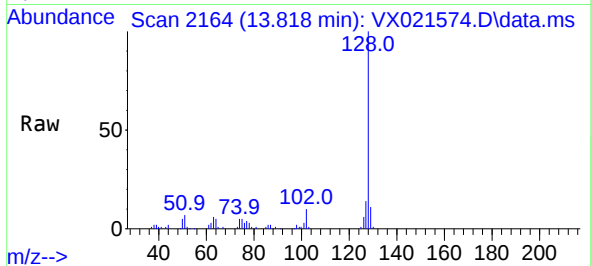
Tgt Ion: 91 Resp: 6586
Ion Ratio Lower Upper
91 100
92 43.3 27.4 82.0
134 55.0 13.2 39.5#





#95
Naphthalene
Concen: 5.10 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021574.D
Acq: 29 Mar 2021 14:05

Instrument :
MSVOA_X
ClientSampleId :
MW-4



Tgt Ion:	128	Resp:	19299
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	11.1	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
3/31/2021 12:06:54 PM

