

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021572.D
 Acq On : 29 Mar 2021 13:18
 Operator : JC/MD
 Sample : M1785-13 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 12:06:44 PM

Quant Time: Mar 30 03:26:41 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	5.629	168	63209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	113023	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	117411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	56941	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	52760	50.17	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 100.34%		
35) Dibromofluoromethane	5.464	113	40713	50.71	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 101.42%		
50) Toluene-d8	8.694	98	145145	50.73	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 101.46%		
62) 4-Bromofluorobenzene	11.118	95	62091	55.82	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 111.64%		
Target Compounds						
44) Trichloroethene	7.188	130	568	0.68	ug/l	Qvalue 76
67) Ethyl Benzene	10.235	91	11654	2.71	ug/l	96
68) m/p-Xylenes	10.341	106	4073	2.66	ug/l	88
73) Isopropylbenzene	11.000	105	34252	8.56	ug/l	97
78) n-propylbenzene	11.341	91	68805	14.56	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	5386	1.58	ug/l	99
83) tert-Butylbenzene	11.753	119	3141	0.94	ug/l	77
84) 1,2,4-Trimethylbenzene	11.788	105	182377	52.93	ug/l	99
85) sec-Butylbenzene	11.930	105	15151	3.95	ug/l #	77
86) p-Isopropyltoluene	12.047	119	2525m	0.72	ug/l	
89) n-Butylbenzene	12.371	91	6972	2.18	ug/l #	74
95) Naphthalene	13.818	128	6521	1.76	ug/l	97

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

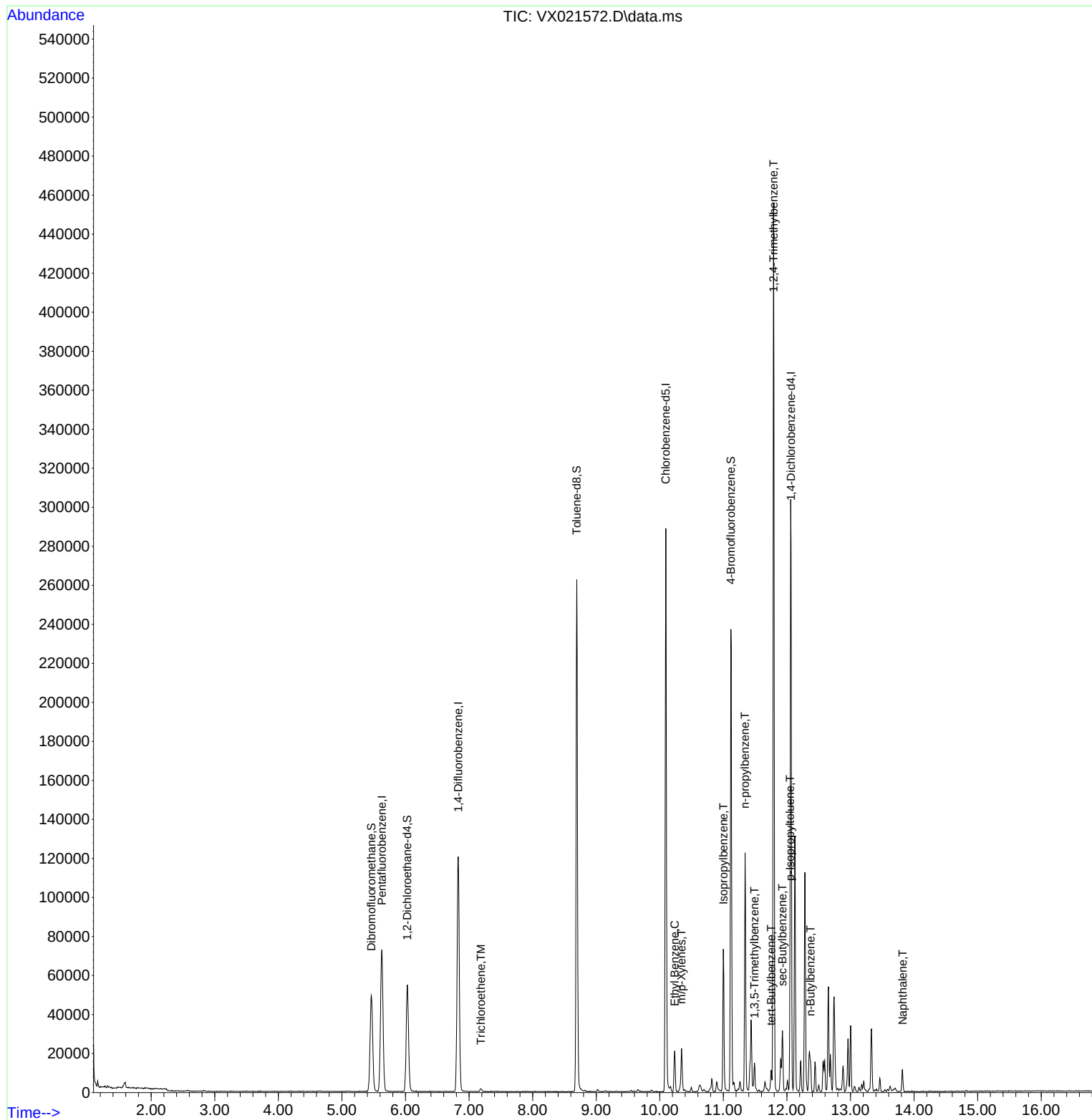
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Data File : VX021572.D
Acq On : 29 Mar 2021 13:18
Operator : JC/MD
Sample : M1785-13 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

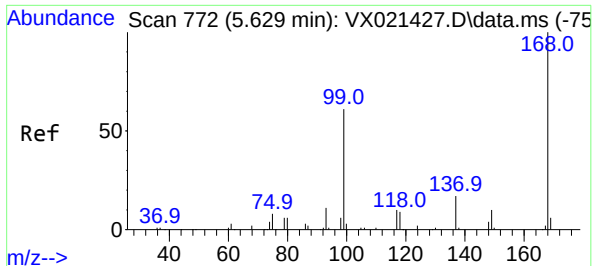
Instrument :
MSVOA_X
ClientSampleId :
MW-2

Manual Integrations
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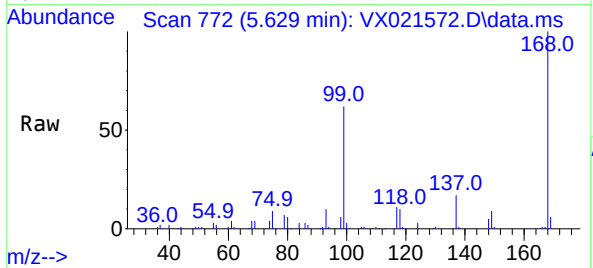
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3/31/2021 12:06:44 PM

Quant Time: Mar 30 03:26:41 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

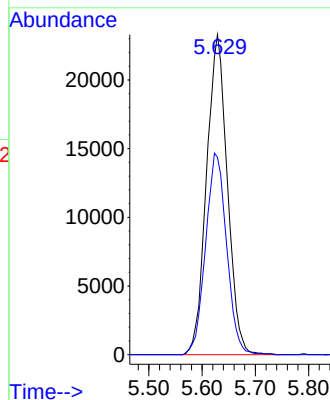
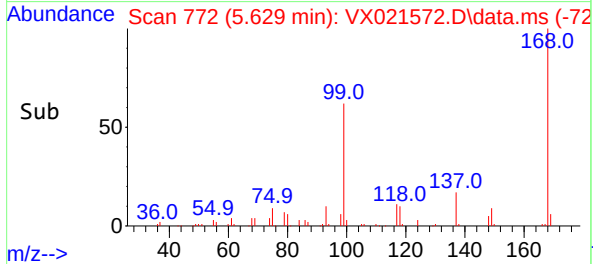




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021572.D
Acq: 29 Mar 2021 13:18



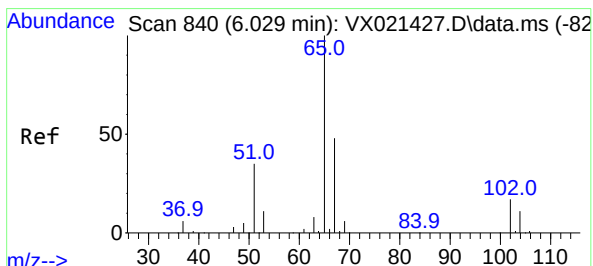
Tgt Ion:168 Resp: 63209
Ion Ratio Lower Upper
168 100
99 61.7 45.8 68.6



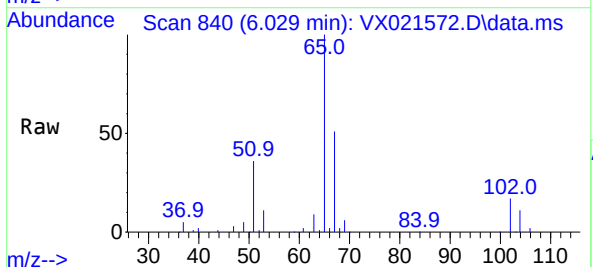
Instrument :
MSVOA_X
ClientSampled :
MW-2

Manual Integrations
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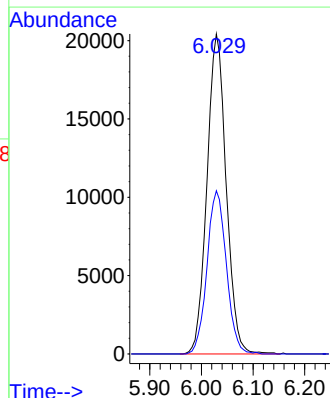
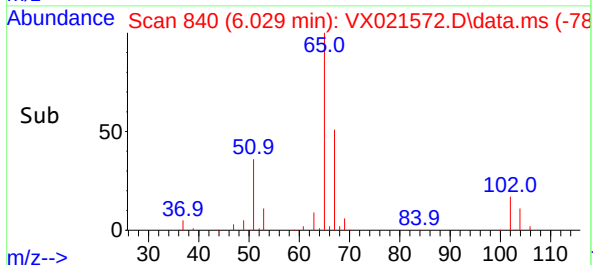
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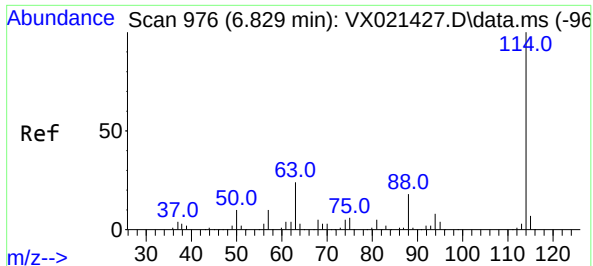


#33
1,2-Dichloroethane-d4
Concen: 50.17 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021572.D
Acq: 29 Mar 2021 13:18



Tgt Ion: 65 Resp: 52760
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4





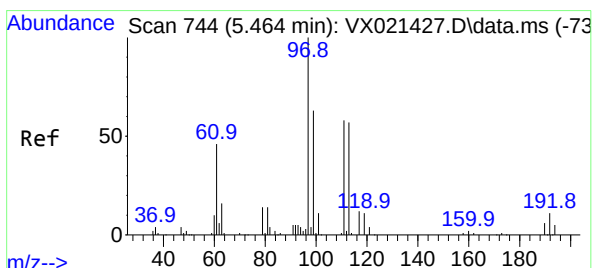
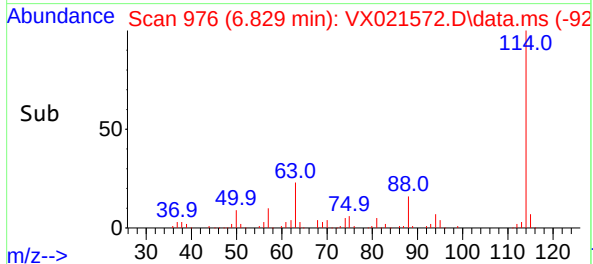
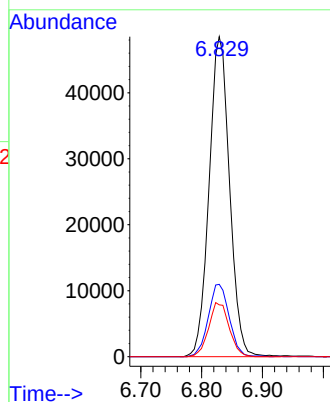
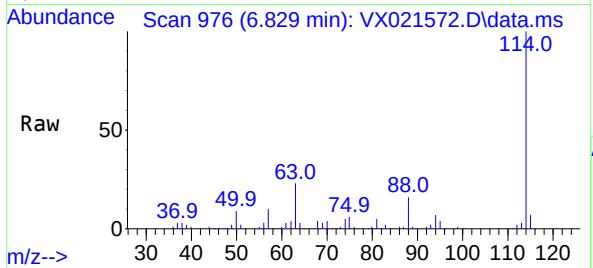
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021572.D
Acq: 29 Mar 2021 13:18

Tgt Ion:114 Resp: 113023
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.8
88 16.2 0.0 32.8

Instrument :
MSVOA_X
ClientSampled :
MW-2

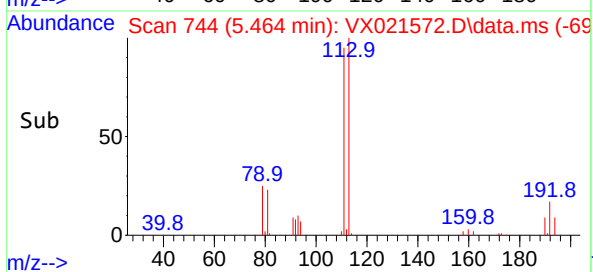
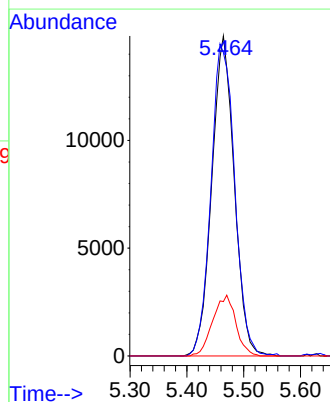
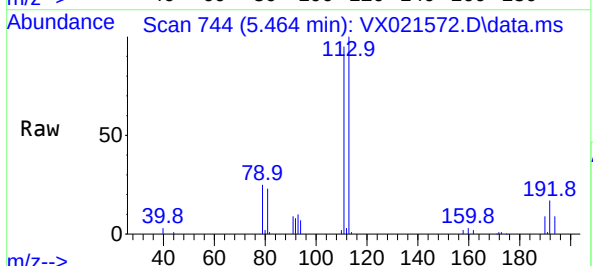
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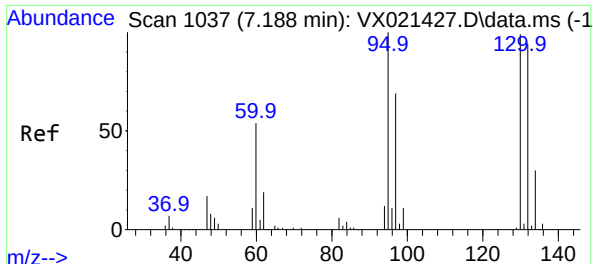
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#35
Dibromofluoromethane
Concen: 50.71 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021572.D
Acq: 29 Mar 2021 13:18

Tgt Ion:113 Resp: 40713
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 19.5 16.7 25.1





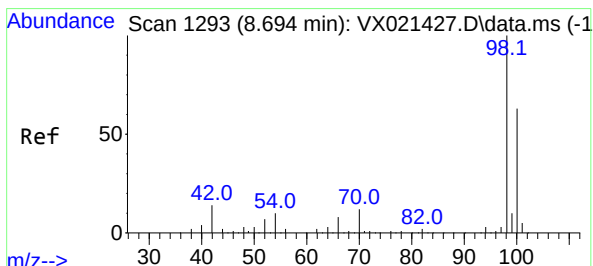
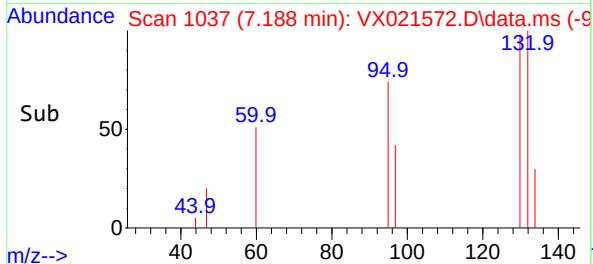
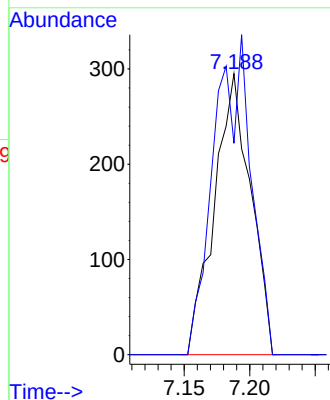
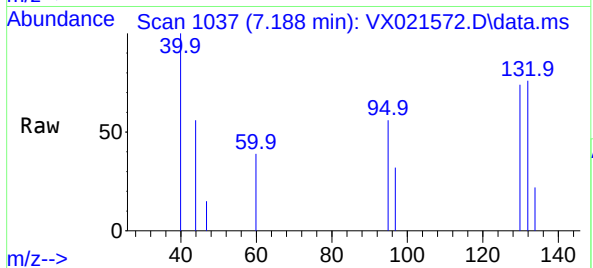
#44
Trichloroethene
Concen: 0.68 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021572.D
Acq: 29 Mar 2021 13:18

Tgt Ion:130 Resp: 568
Ion Ratio Lower Upper
130 100
95 75.3 0.0 198.0

Instrument :
MSVOA_X
ClientSampled :
MW-2

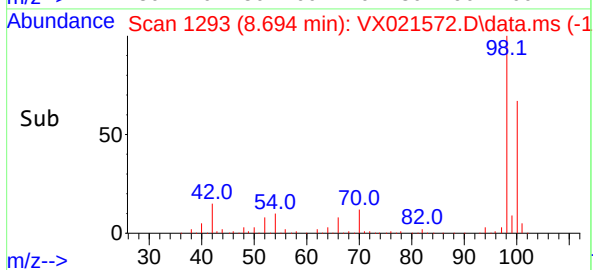
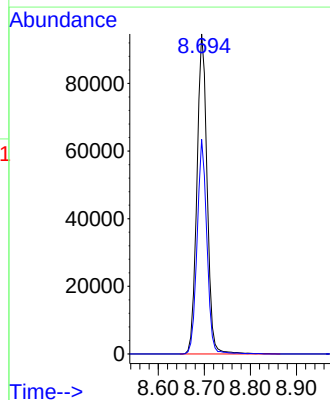
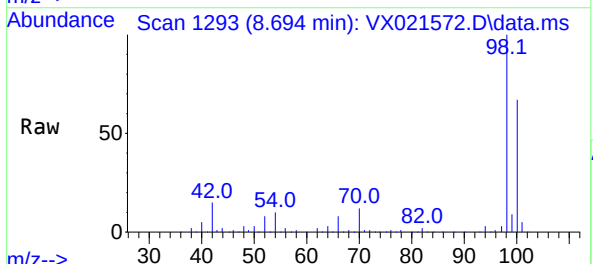
Manual Integrations
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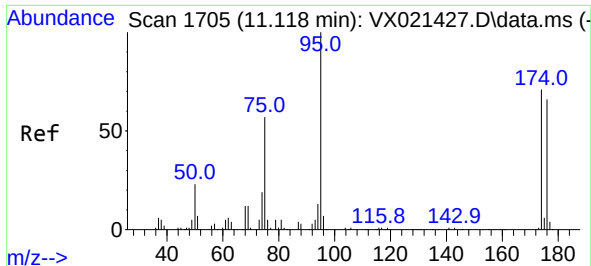
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#50
Toluene-d8
Concen: 50.73 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021572.D
Acq: 29 Mar 2021 13:18

Tgt Ion: 98 Resp: 145145
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9





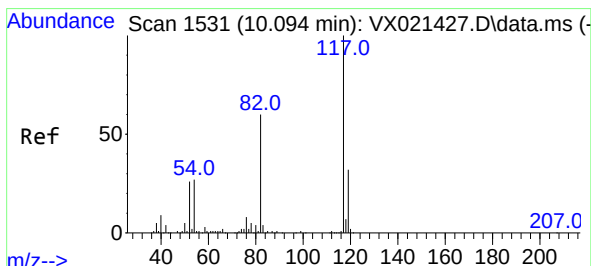
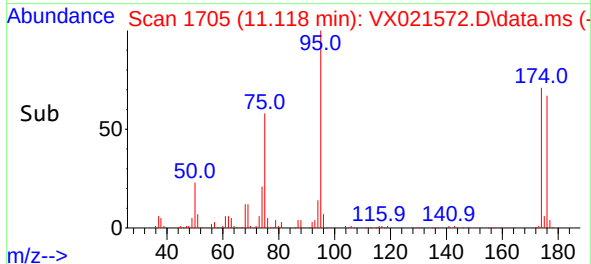
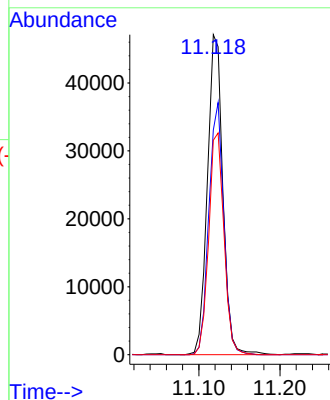
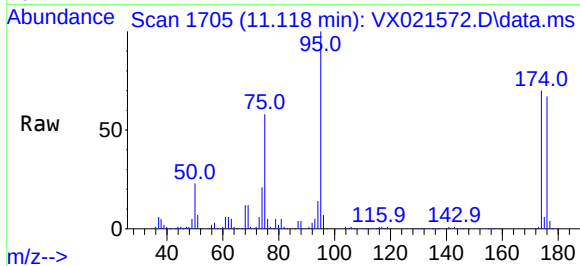
#62
4-Bromofluorobenzene
Concen: 55.82 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021572.D
Acq: 29 Mar 2021 13:18

Tgt Ion: 95 Resp: 62091
Ion Ratio Lower Upper
95 100
174 75.8 0.0 154.6
176 68.4 0.0 155.8

Instrument :
MSVOA_X
ClientSampleId :
MW-2

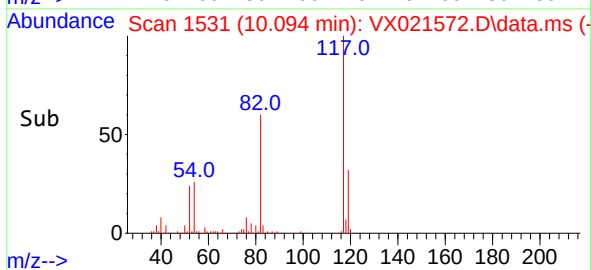
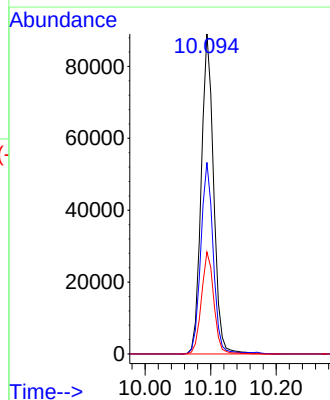
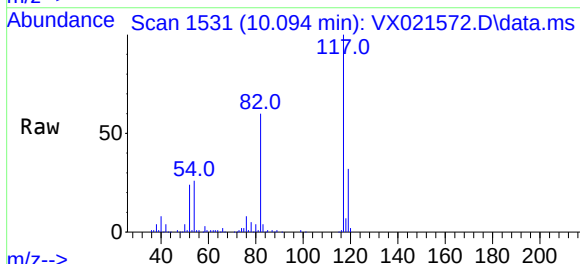
Manual Integrations
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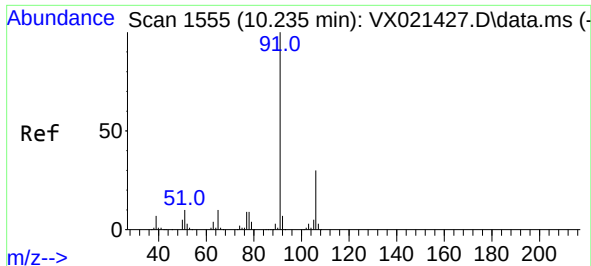
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021572.D
Acq: 29 Mar 2021 13:18

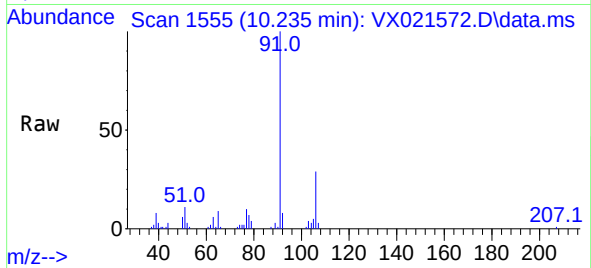
Tgt Ion: 117 Resp: 117411
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 31.9 26.6 39.8





#67
Ethyl Benzene
Concen: 2.71 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021572.D
Acq: 29 Mar 2021 13:18

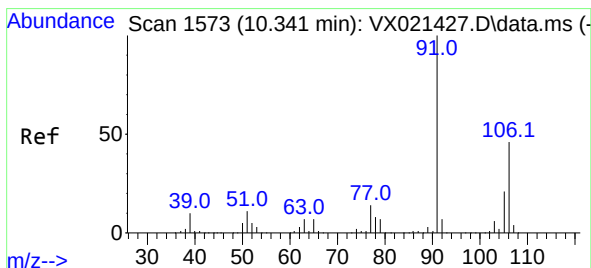
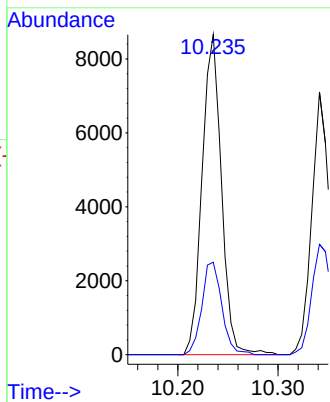
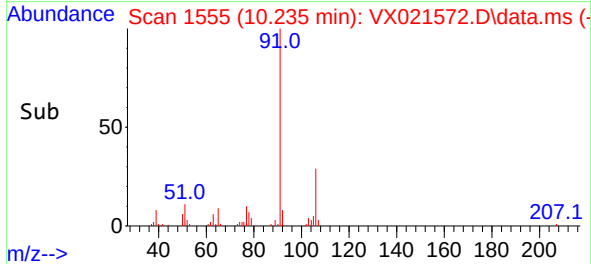
Instrument :
MSVOA_X
ClientSampled :
MW-2



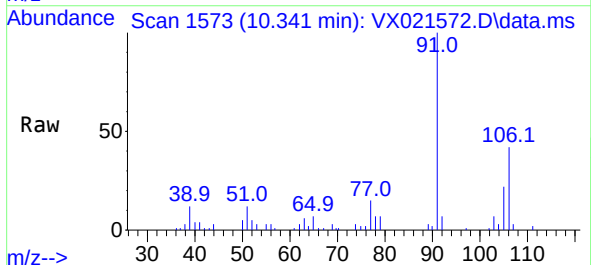
Tgt Ion: 91 Resp: 11654
Ion Ratio Lower Upper
91 100
106 28.9 24.6 37.0

Manual Integrations
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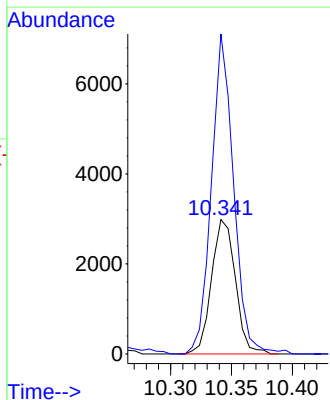
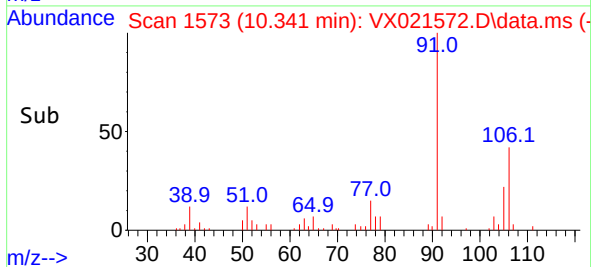
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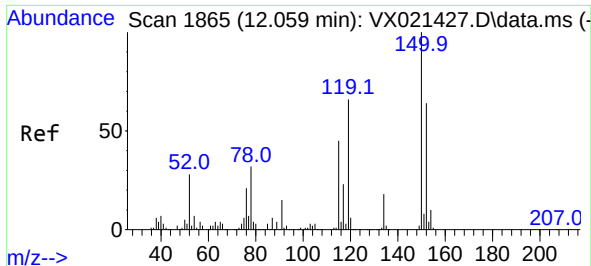


#68
m/p-Xylenes
Concen: 2.66 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021572.D
Acq: 29 Mar 2021 13:18



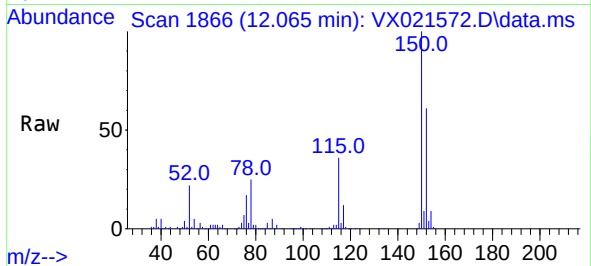
Tgt Ion: 106 Resp: 4073
Ion Ratio Lower Upper
106 100
91 221.4 162.8 244.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021572.D
Acq: 29 Mar 2021 13:18

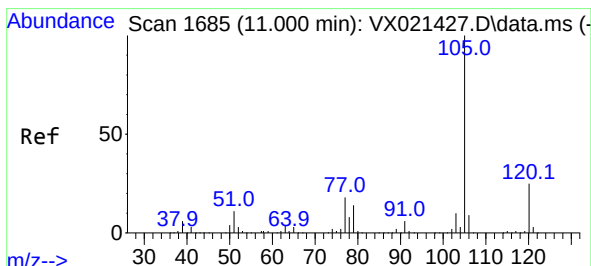
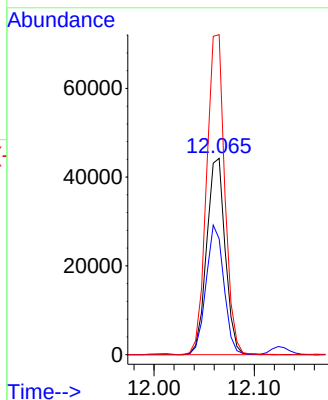
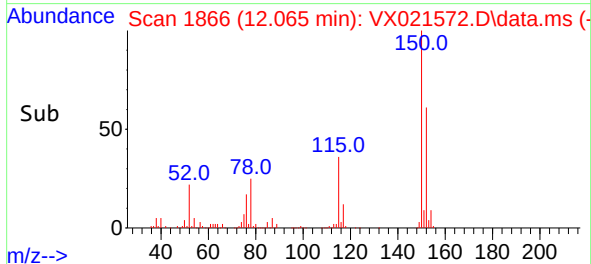
Instrument :
MSVOA_X
ClientSampled :
MW-2



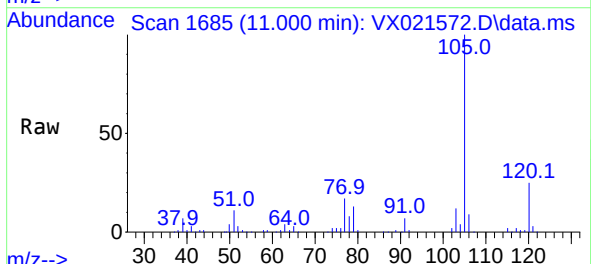
Tgt Ion:152 Resp: 56941
Ion Ratio Lower Upper
152 100
115 63.7 41.1 123.3
150 160.1 0.0 349.0

Manual Integrations
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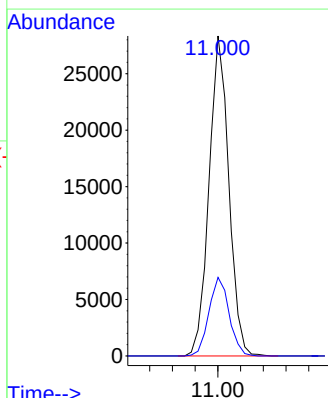
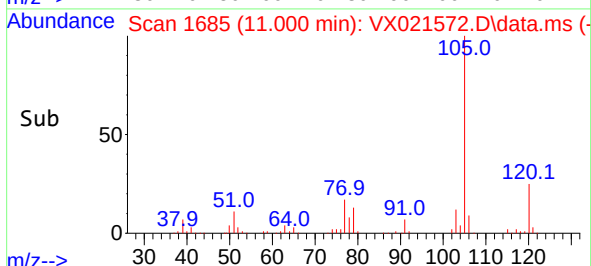
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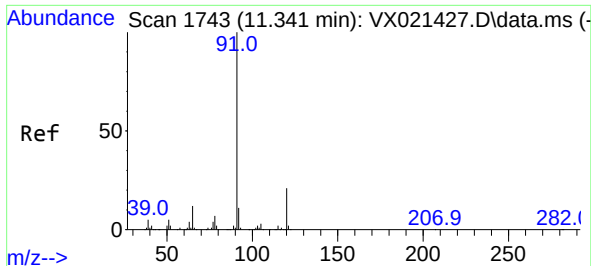


#73
Isopropylbenzene
Concen: 8.56 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021572.D
Acq: 29 Mar 2021 13:18



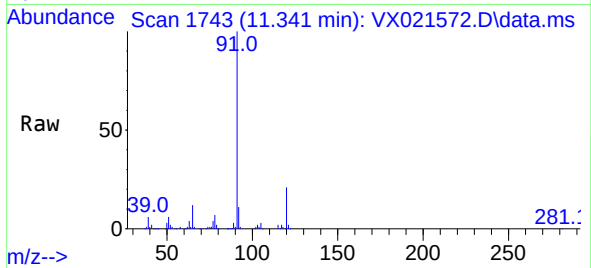
Tgt Ion:105 Resp: 34252
Ion Ratio Lower Upper
105 100
120 25.1 13.2 39.6





#78
n-propylbenzene
Concen: 14.56 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021572.D
Acq: 29 Mar 2021 13:18

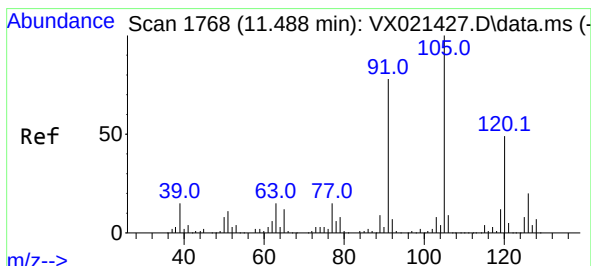
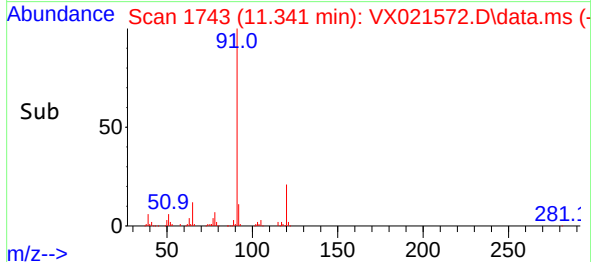
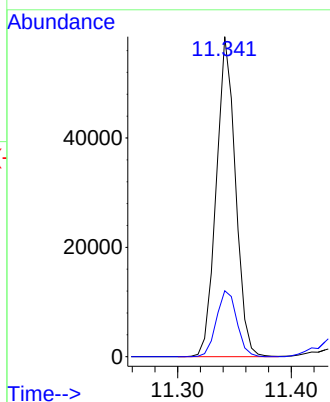
Instrument :
MSVOA_X
ClientSampled :
MW-2



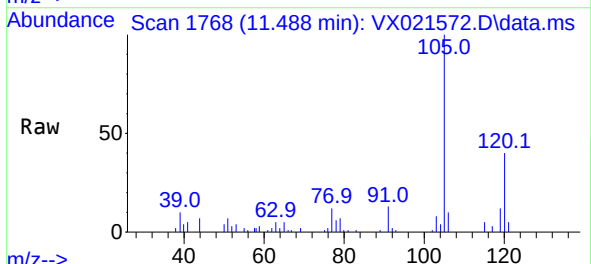
Tgt Ion: 91 Resp: 68805
Ion Ratio Lower Upper
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120 21.9 11.5 34.5

Manual Integrations
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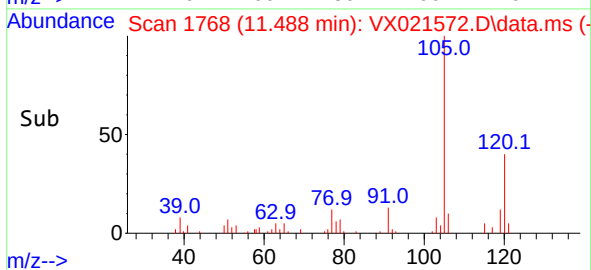
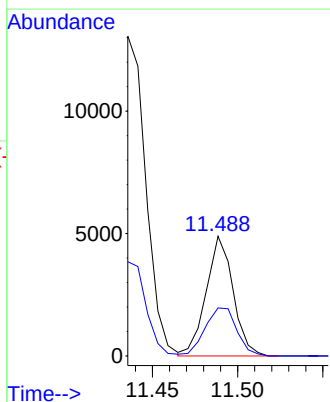
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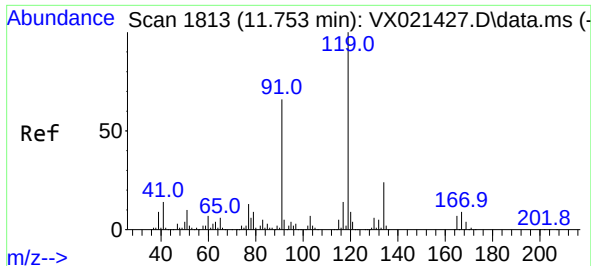


#80
1,3,5-Trimethylbenzene
Concen: 1.58 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX021572.D
Acq: 29 Mar 2021 13:18



Tgt Ion: 105 Resp: 5386
Ion Ratio Lower Upper
105 100
120 47.3 23.8 71.5





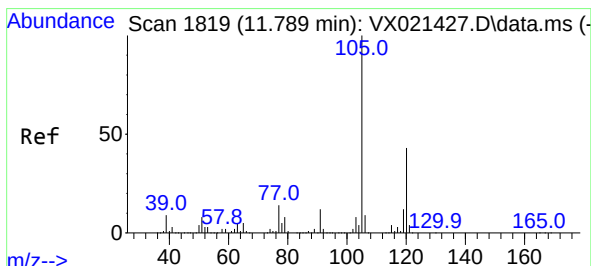
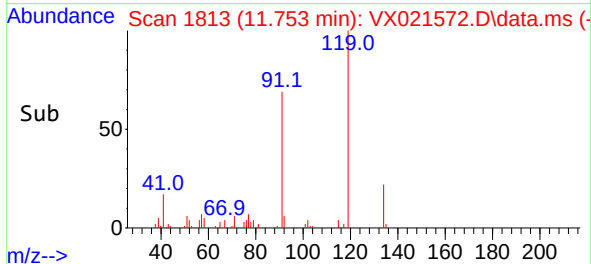
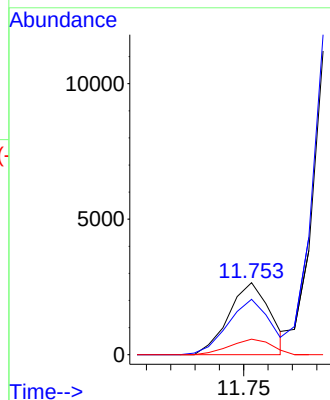
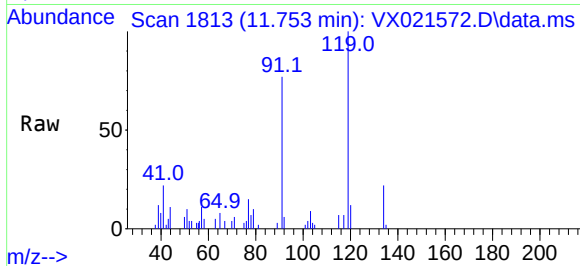
#83
tert-Butylbenzene
Concen: 0.94 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VX021572.D
Acq: 29 Mar 2021 13:18

Tgt Ion:	119	Resp:	3141
Ion	Ratio	Lower	Upper
119	100		
91	78.6	27.9	83.7
134	21.8	11.3	33.9

Instrument :
MSVOA_X
ClientSampled :
MW-2

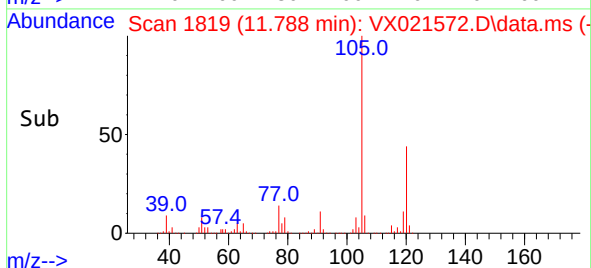
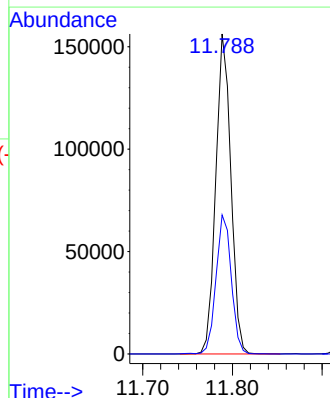
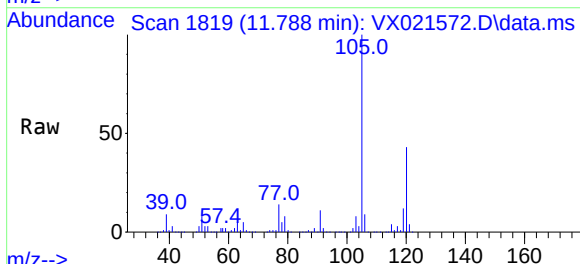
Manual Integrations
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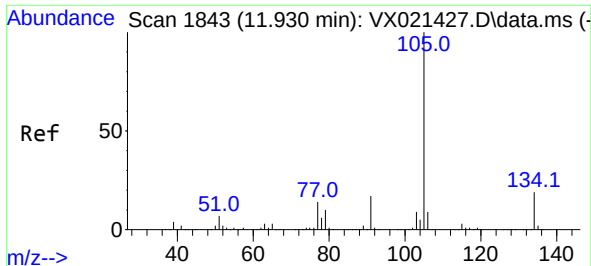
MMDadoda
3/31/2021 12:06:44 PM



#84
1,2,4-Trimethylbenzene
Concen: 52.93 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. -0.001 min
Lab File: VX021572.D
Acq: 29 Mar 2021 13:18

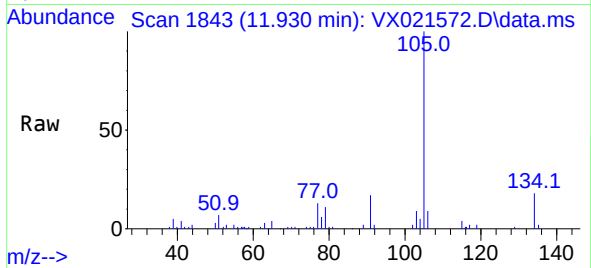
Tgt Ion:	105	Resp:	182377
Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.4	67.3





#85
sec-Butylbenzene
Concen: 3.95 ug/l
RT: 11.930 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX021572.D
Acq: 29 Mar 2021 13:18

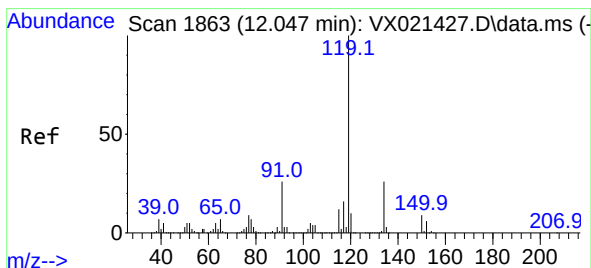
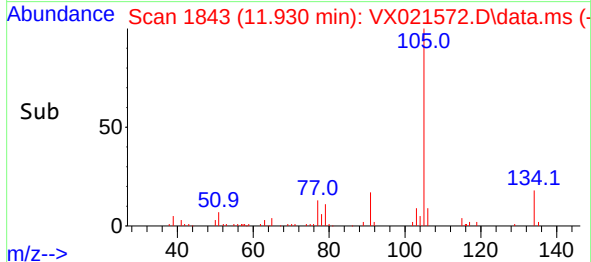
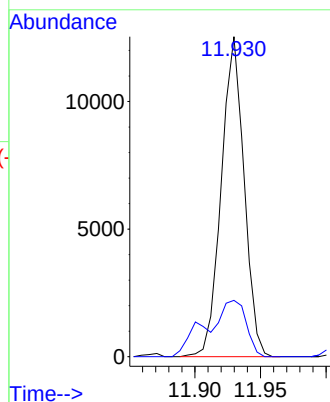
Instrument :
MSVOA_X
ClientSampled :
MW-2



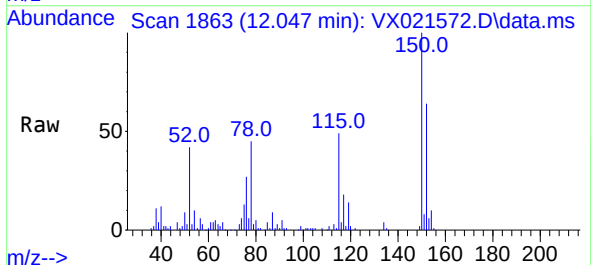
Tgt Ion:105 Resp: 15151
Ion Ratio Lower Upper
105 100
134 30.7 10.0 29.8#

Manual Integrations
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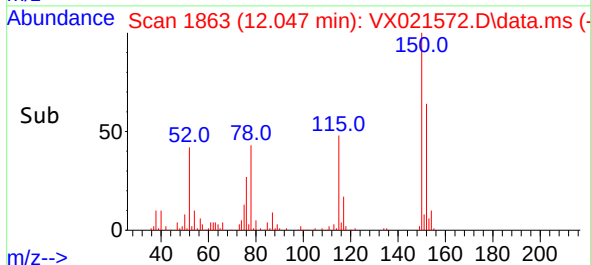
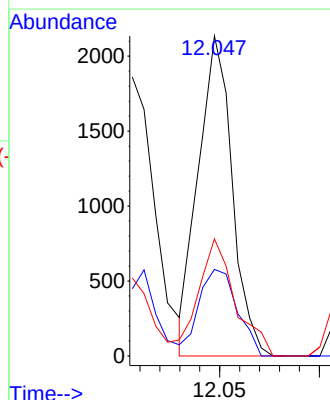
MMDadoda
3/31/2021 12:06:44 PM

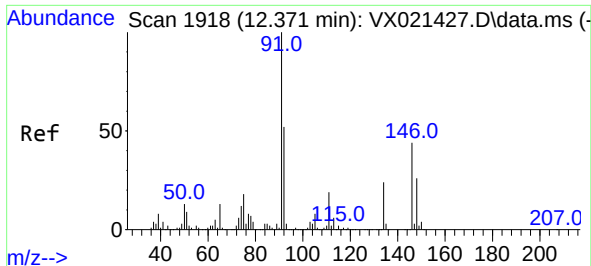


#86
p-Isopropyltoluene
Concen: 0.72 ug/l m
RT: 12.047 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VX021572.D
Acq: 29 Mar 2021 13:18



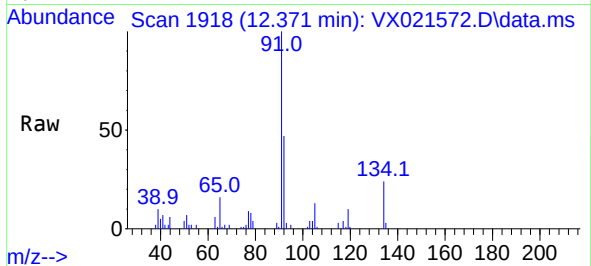
Tgt Ion:119 Resp: 2525
Ion Ratio Lower Upper
119 100
134 25.2 12.9 38.7
91 25.3 11.7 35.0





#89
n-Butylbenzene
Concen: 2.18 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. -0.000 min
Lab File: VX021572.D
Acq: 29 Mar 2021 13:18

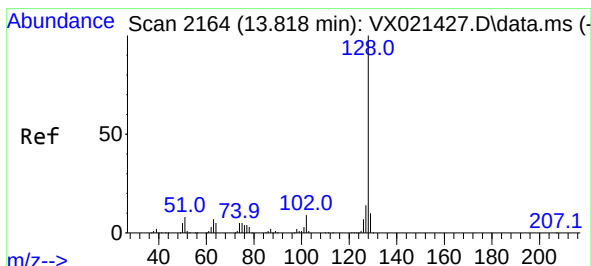
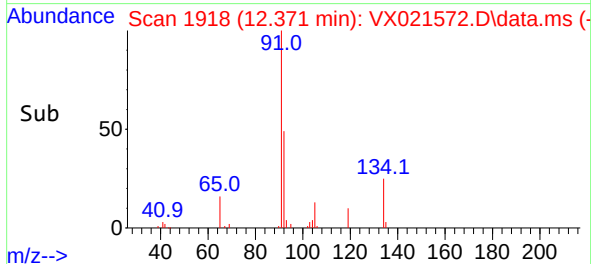
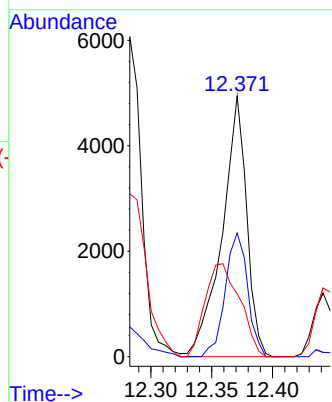
Instrument :
MSVOA_X
ClientSampled :
MW-2



Tgt Ion: 91 Resp: 6972
Ion Ratio Lower Upper
91 100
92 43.0 27.4 82.0
134 50.1 13.2 39.5#

Manual Integrations
APPROVED

MMDadoda
3/31/2021 12:06:44 PM



#95
Naphthalene
Concen: 1.76 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021572.D
Acq: 29 Mar 2021 13:18

Tgt Ion: 128 Resp: 6521
Ion Ratio Lower Upper
128 100
127 12.1 10.3 15.5
129 12.6 8.8 13.2

