

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021226.D
 Acq On : 16 Mar 2021 02:18
 Operator : JC/MD
 Sample : M1648-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP2-30802:05

Manual Integrations
 APPROVED

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 3/16/2021 10:46:01 AM

Quant Time: Mar 16 04:43:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.635	168	72643	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	134196	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	128137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	61225	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	62828	50.72	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.44%			
35) Dibromofluoromethane	5.470	113	45128	48.88	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.76%			
50) Toluene-d8	8.694	98	166984	50.35	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.70%			
62) 4-Bromofluorobenzene	11.118	95	67956	53.77	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.54%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.011	59	16384	75.93	ug/l	98
16) Acetone	2.423	43	6907	13.87	ug/l #	88
25) 2-Butanone	4.646	43	3372	4.71	ug/l #	85
40) Benzene	6.117	78	1194	0.30	ug/l	95
52) Toluene	8.765	92	72200	30.45	ug/l	100
67) Ethyl Benzene	10.235	91	40885	8.30	ug/l	97
68) m/p-Xylenes	10.341	106	89984	50.98	ug/l	92
69) o-Xylene	10.682	106	120199	70.14	ug/l	95
73) Isopropylbenzene	11.000	105	72201	15.19	ug/l	98
78) n-propylbenzene	11.341	91	423130	77.34	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	538014	134.85	ug/l	100
84) 1,2,4-Trimethylbenzene	11.794	105	1793344	446.53	ug/l	98
85) sec-Butylbenzene	11.930	105	7247m	1.64	ug/l	
95) Naphthalene	13.818	128	35071	9.01	ug/l	99

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

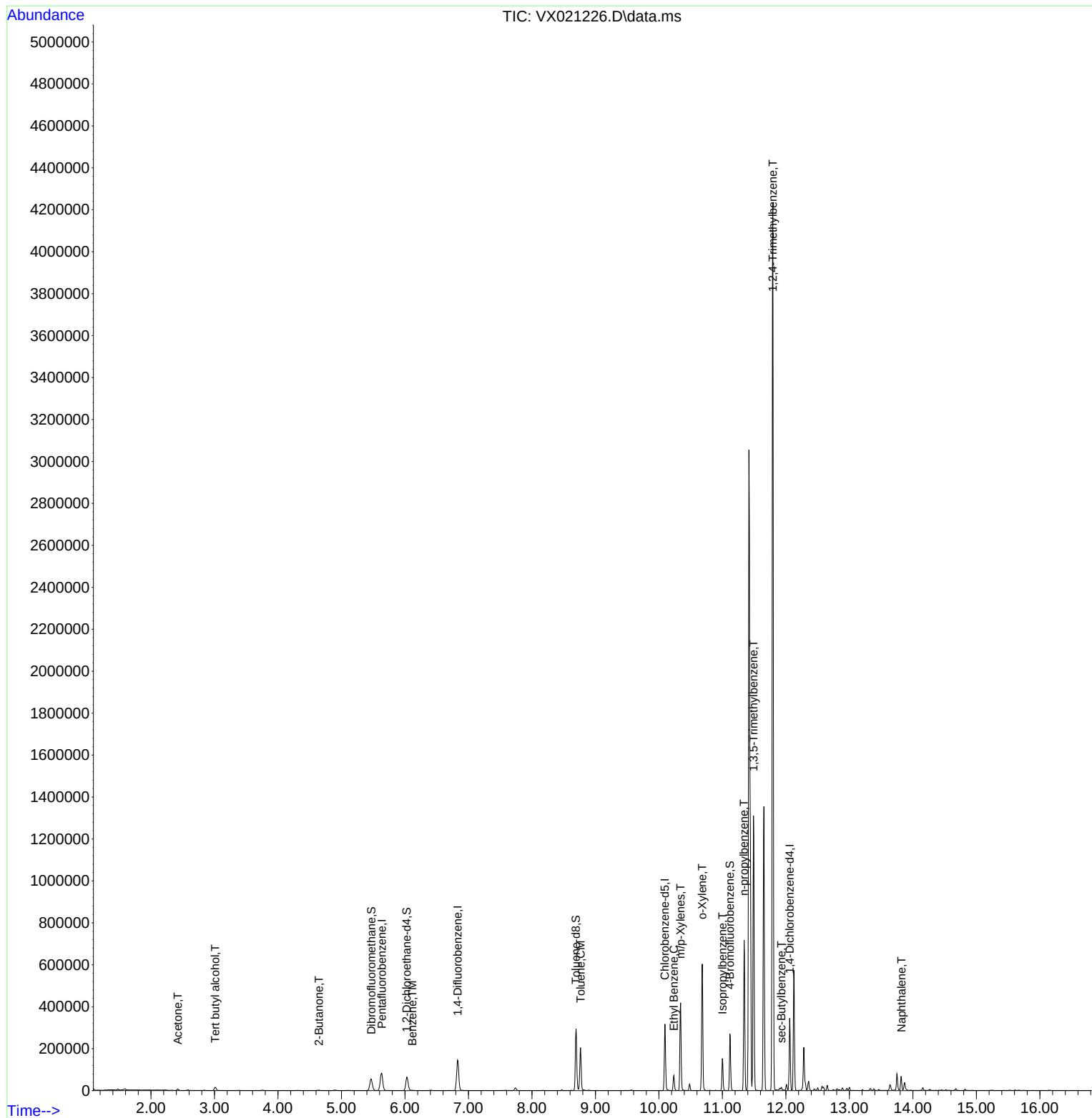
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Data File : VX021226.D
Acq On : 16 Mar 2021 02:18
Operator : JC/MD
Sample : M1648-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

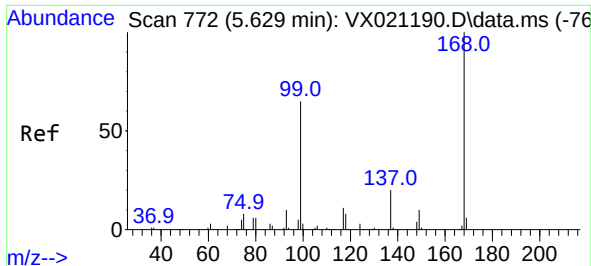
Instrument :
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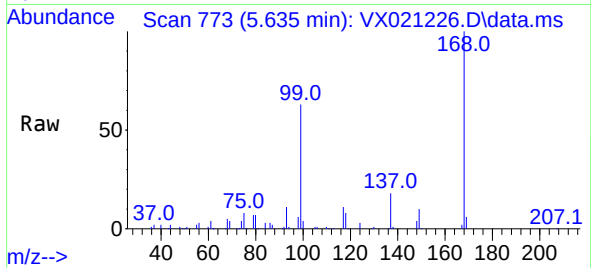
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3/16/2021 10:46:01 AM

Quant Time: Mar 16 04:43:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 15 11:55:59 2021
Response via : Initial Calibration

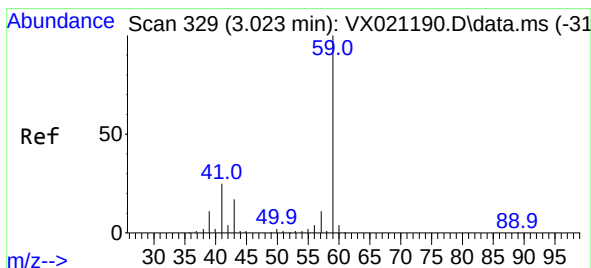
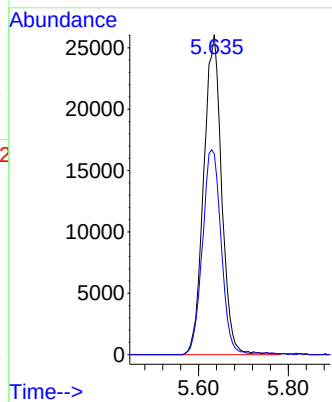
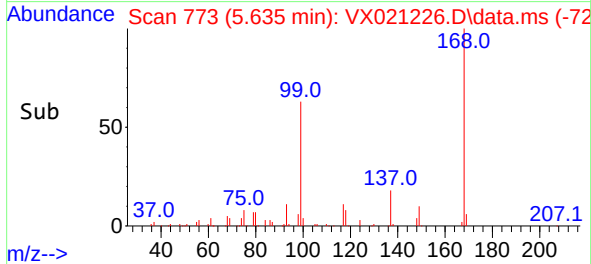




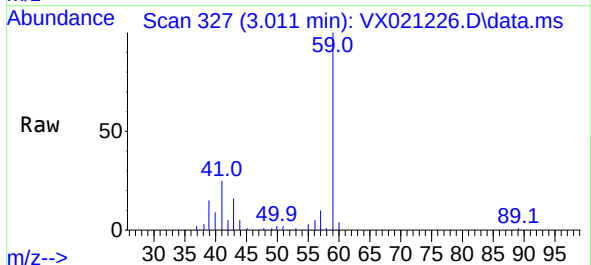
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021226.D
Acq: 16 Mar 2021 02:18



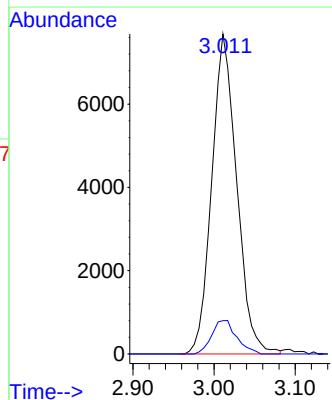
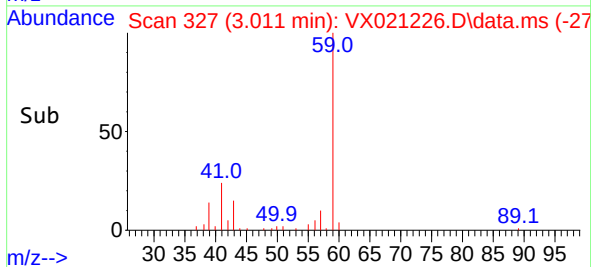
Tgt Ion:168 Resp: 72643
Ion Ratio Lower Upper
168 100
99 62.8 45.8 68.6



#11
Tert butyl alcohol
Concen: 75.93 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX021226.D
Acq: 16 Mar 2021 02:18



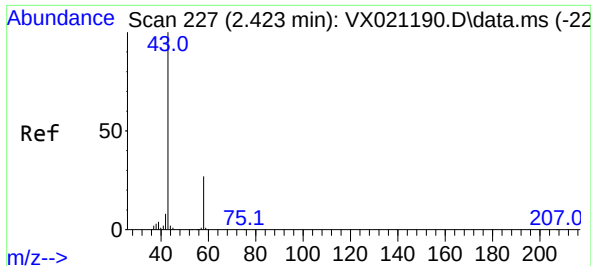
Tgt Ion: 59 Resp: 16384
Ion Ratio Lower Upper
59 100
57 10.5 7.8 11.8



Instrument :
MSVOA_X
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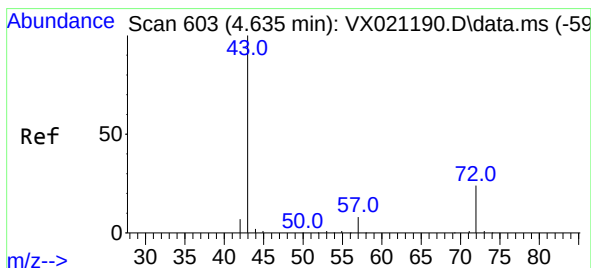
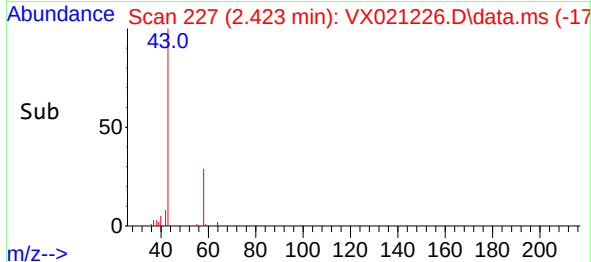
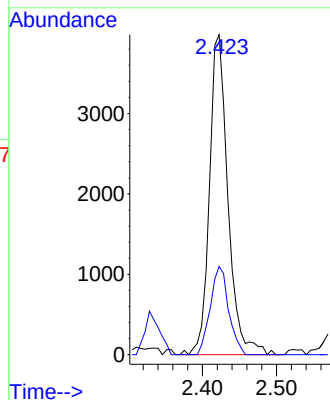
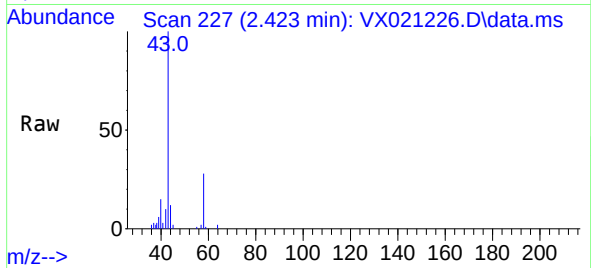
#16
Acetone
Concen: 13.87 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021226.D
Acq: 16 Mar 2021 02:18

Tgt Ion: 43 Resp: 6907
Ion Ratio Lower Upper
43 100
58 27.6 27.8 41.8#

Instrument :
MSVOA_X
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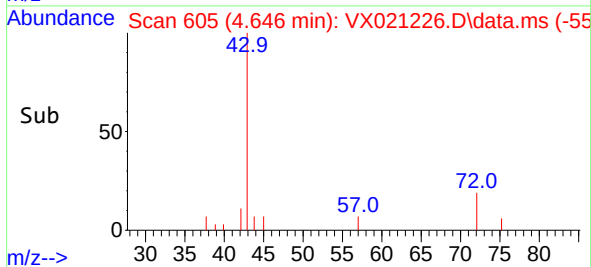
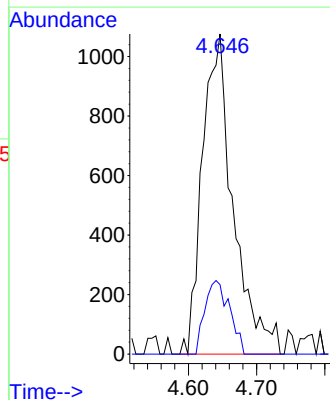
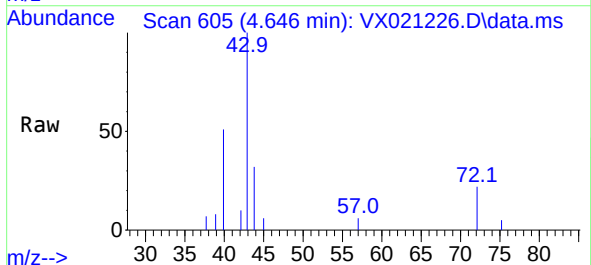
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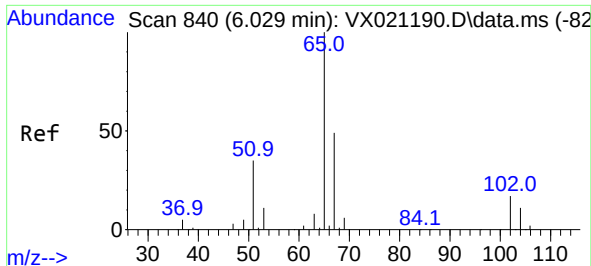
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#25
2-Butanone
Concen: 4.71 ug/l
RT: 4.646 min Scan# 605
Delta R.T. 0.012 min
Lab File: VX021226.D
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Tgt Ion: 43 Resp: 3372
Ion Ratio Lower Upper
43 100
72 21.7 23.7 35.5#





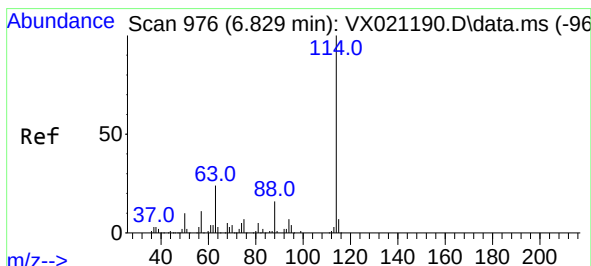
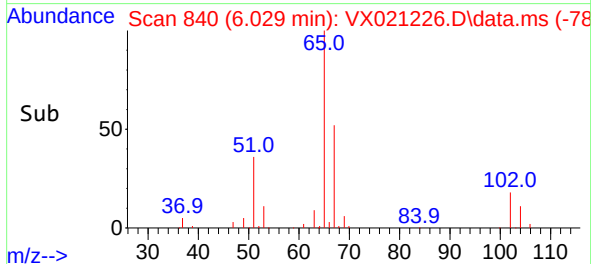
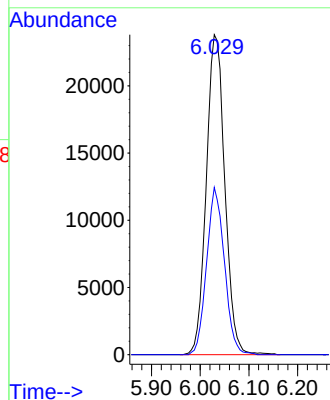
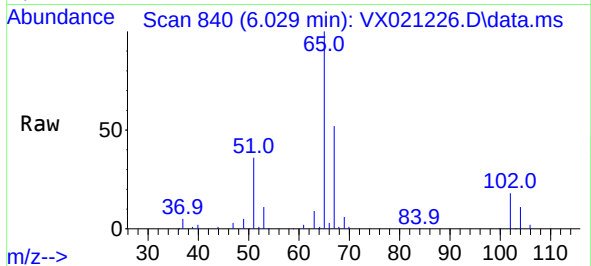
#33
1,2-Dichloroethane-d4
Concen: 50.72 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021226.D
Acq: 16 Mar 2021 02:18

Tgt Ion: 65 Resp: 62828
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

Instrument :
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ClientSampleId :
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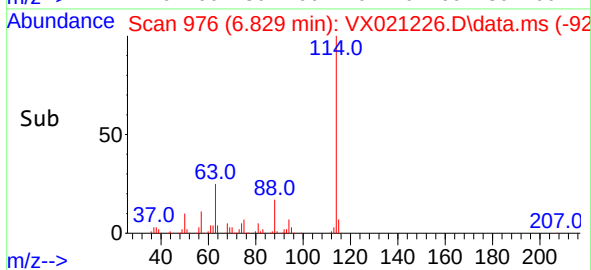
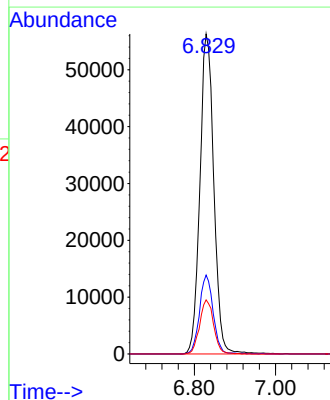
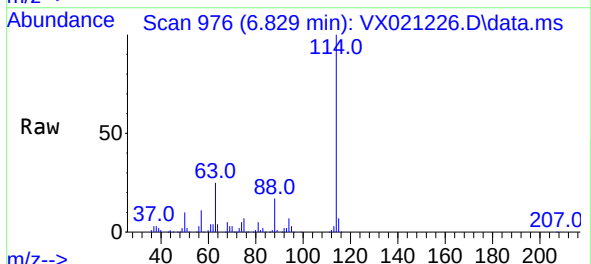
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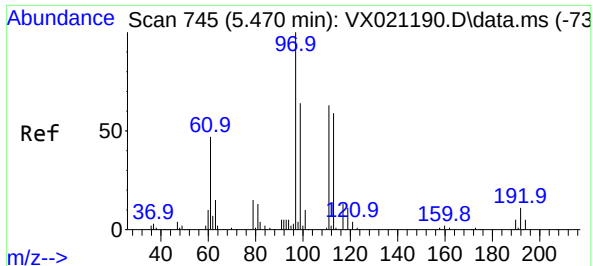
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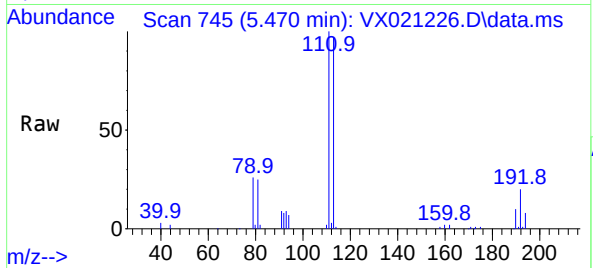
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021226.D
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Tgt Ion: 114 Resp: 134196
Ion Ratio Lower Upper
114 100
63 24.7 0.0 40.8
88 16.9 0.0 32.8

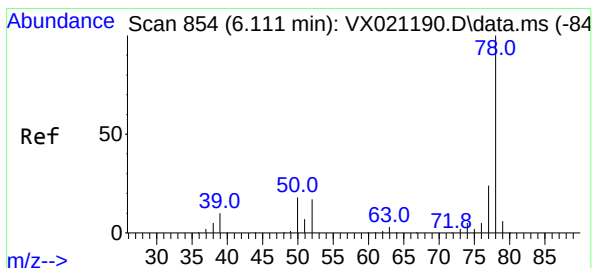
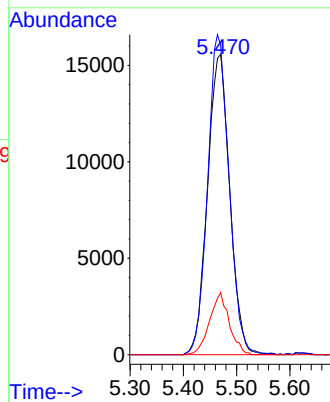
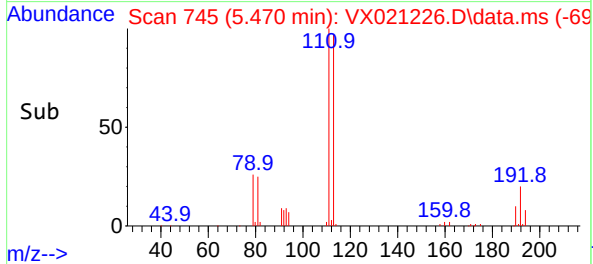




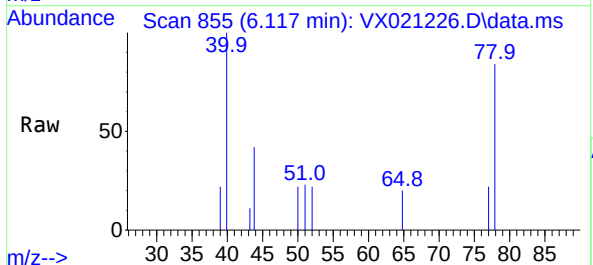
#35
Dibromofluoromethane
Concen: 48.88 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021226.D
Acq: 16 Mar 2021 02:18



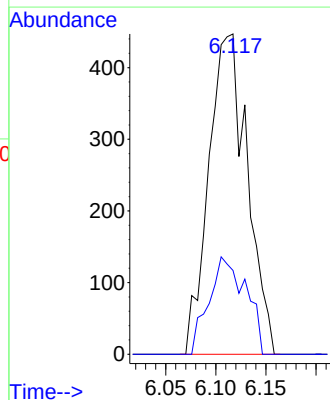
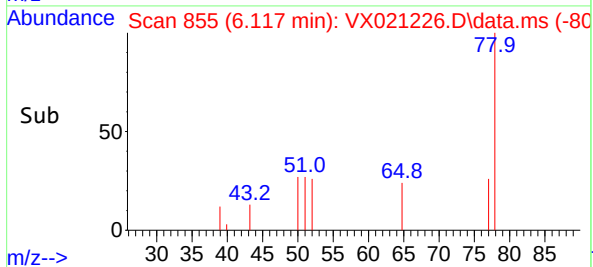
Tgt Ion: 113 Resp: 45128
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 18.3 16.7 25.1



#40
Benzene
Concen: 0.30 ug/l
RT: 6.117 min Scan# 855
Delta R.T. 0.006 min
Lab File: VX021226.D
Acq: 16 Mar 2021 02:18



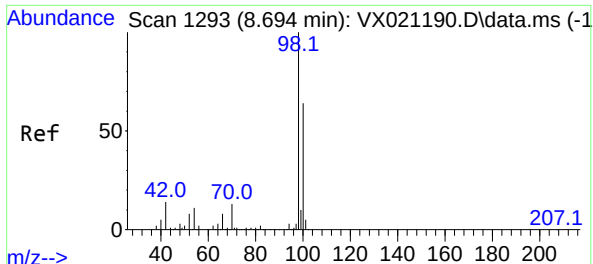
Tgt Ion: 78 Resp: 1194
Ion Ratio Lower Upper
78 100
77 26.2 18.9 28.3



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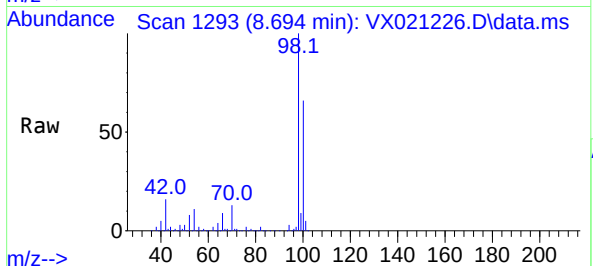
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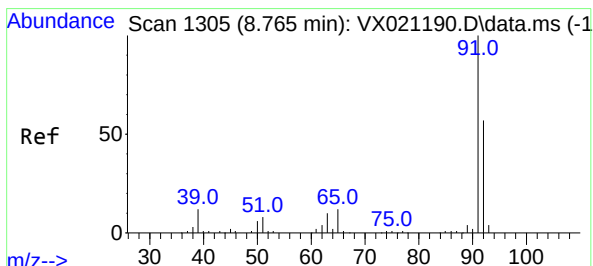
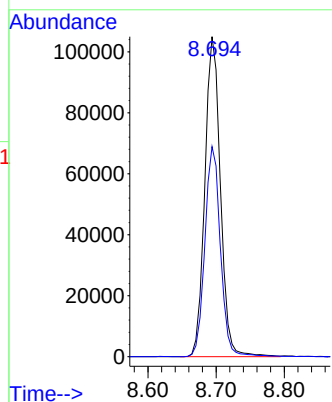
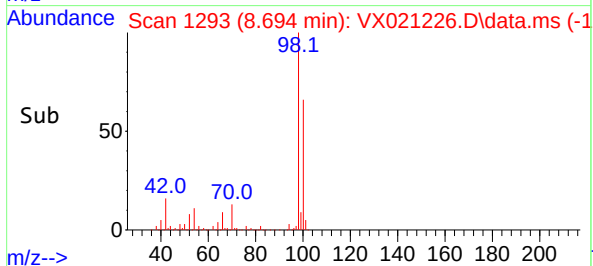


#50
Toluene-d8
Concen: 50.35 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021226.D
Acq: 16 Mar 2021 02:18

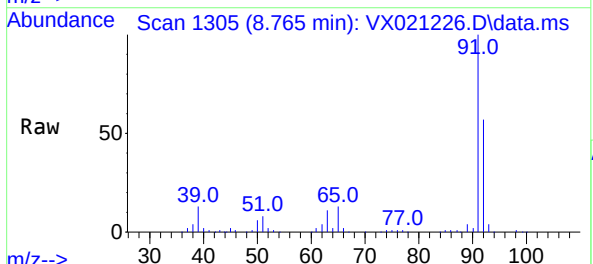
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MSVOA_X
ClientSampleId :
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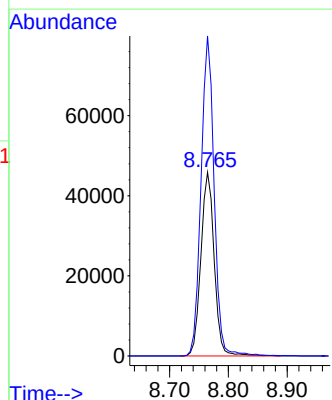
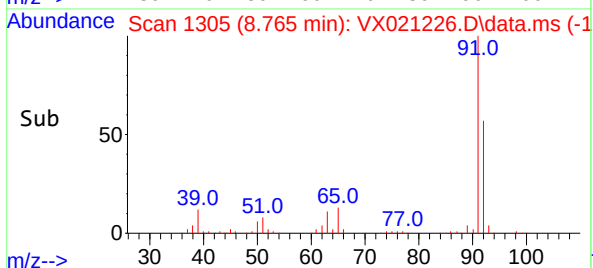
Tgt Ion: 98 Resp: 166984
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

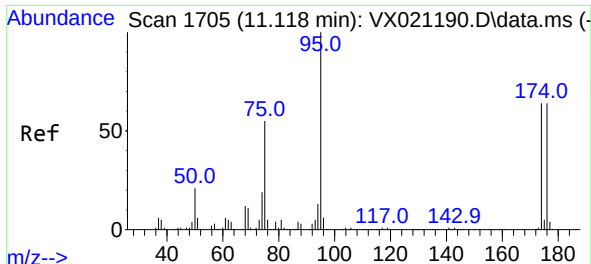


#52
Toluene
Concen: 30.45 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021226.D
Acq: 16 Mar 2021 02:18



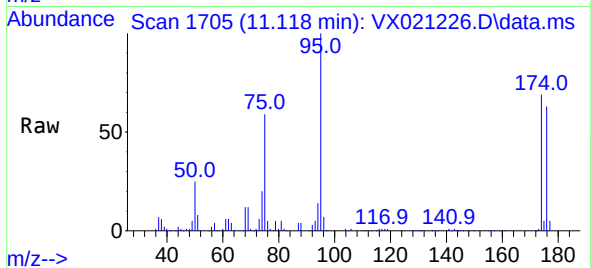
Tgt Ion: 92 Resp: 72200
Ion Ratio Lower Upper
92 100
91 171.9 137.1 205.7





#62
4-Bromofluorobenzene
Concen: 53.77 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021226.D
Acq: 16 Mar 2021 02:18

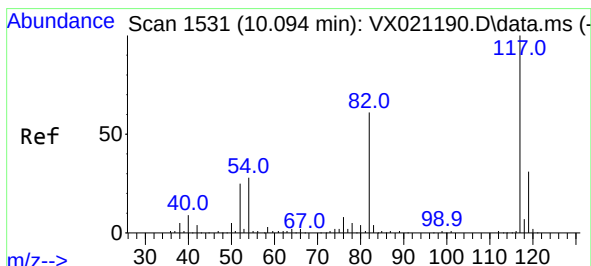
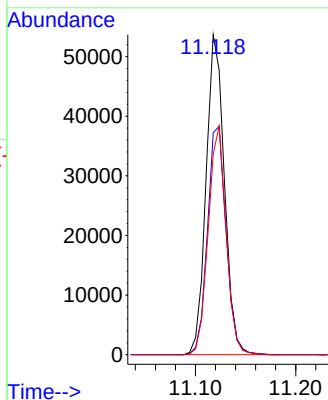
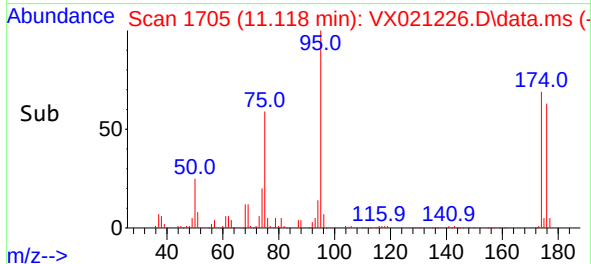
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MSVOA_X
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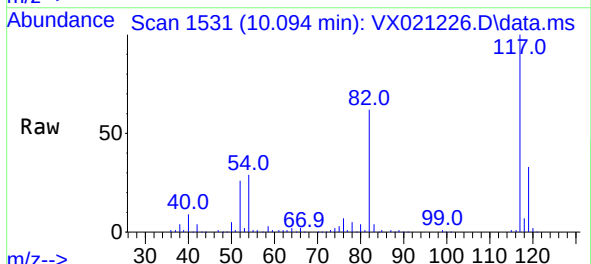
Tgt Ion: 95 Resp: 67956
Ion Ratio Lower Upper
95 100
174 72.7 0.0 154.6
176 69.7 0.0 155.8

Manual Integrations
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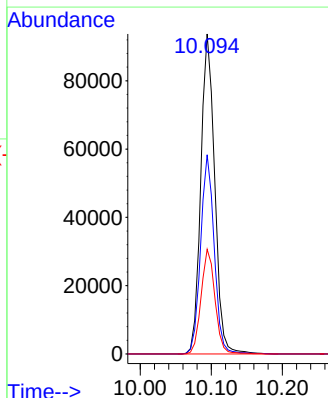
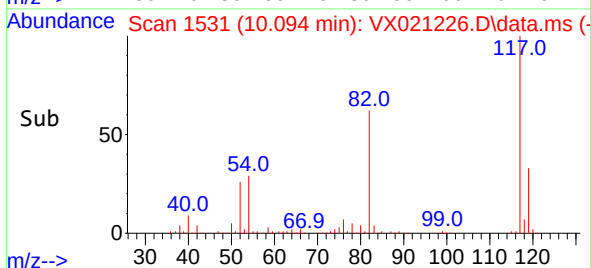
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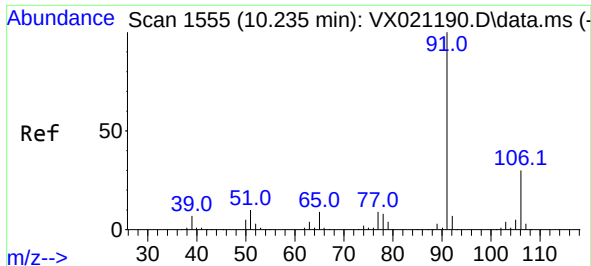


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021226.D
Acq: 16 Mar 2021 02:18



Tgt Ion: 117 Resp: 128137
Ion Ratio Lower Upper
117 100
82 62.3 47.4 71.2
119 32.7 26.6 39.8





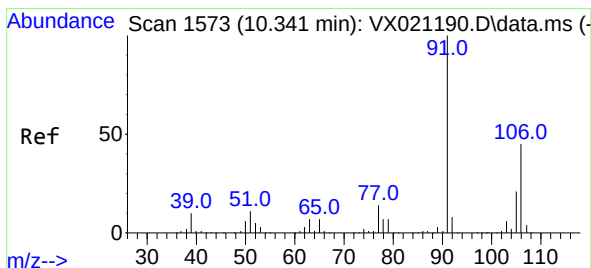
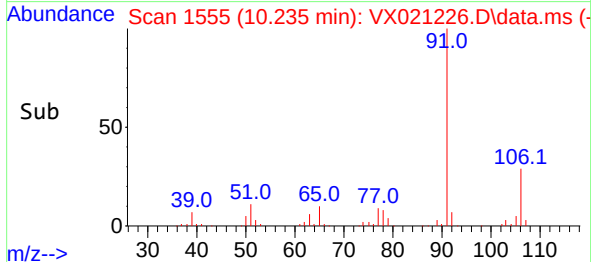
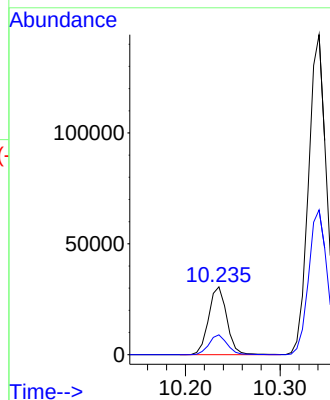
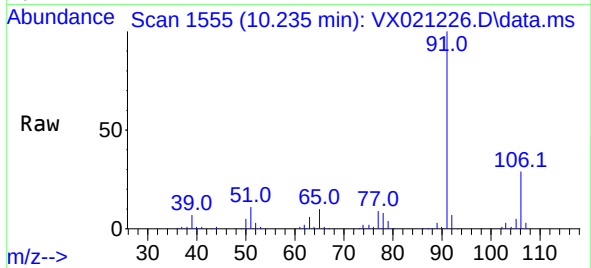
#67
Ethyl Benzene
Concen: 8.30 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021226.D
Acq: 16 Mar 2021 02:18

Tgt Ion: 91 Resp: 40885
Ion Ratio Lower Upper
91 100
106 29.4 24.6 37.0

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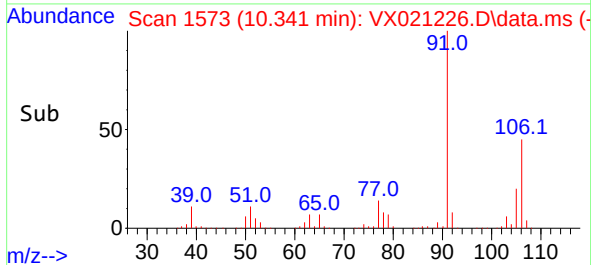
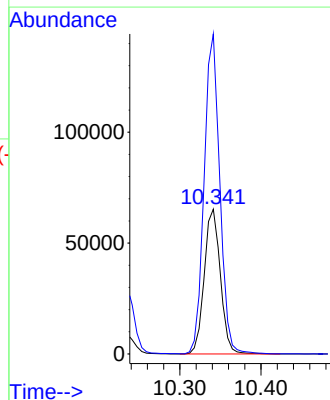
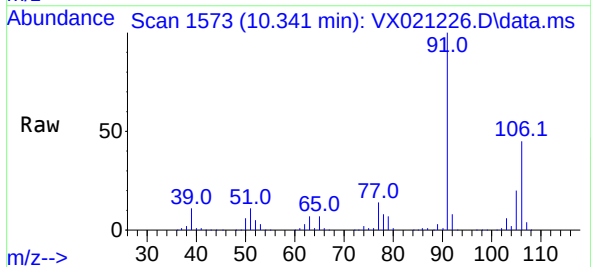
Manual Integrations
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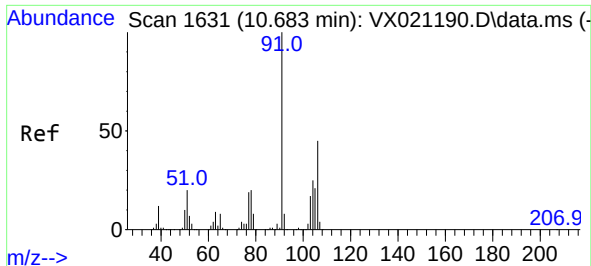
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#68
m/p-Xylenes
Concen: 50.98 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021226.D
Acq: 16 Mar 2021 02:18

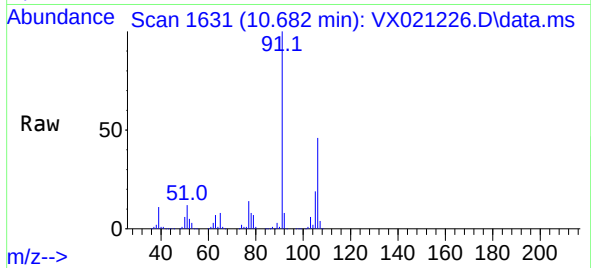
Tgt Ion:106 Resp: 89984
Ion Ratio Lower Upper
106 100
91 215.2 162.8 244.2





#69
o-Xylene
Concen: 70.14 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. -0.001 min
Lab File: VX021226.D
Acq: 16 Mar 2021 02:18

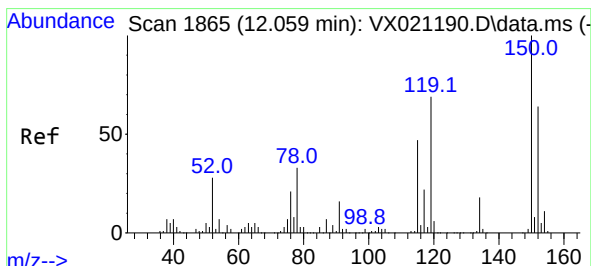
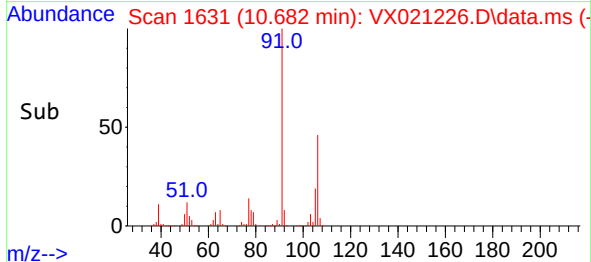
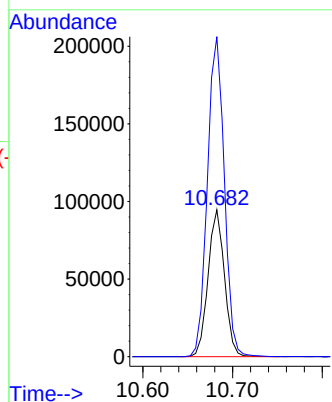
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:106 Resp: 120199
Ion Ratio Lower Upper
106 100
91 224.5 108.1 324.2

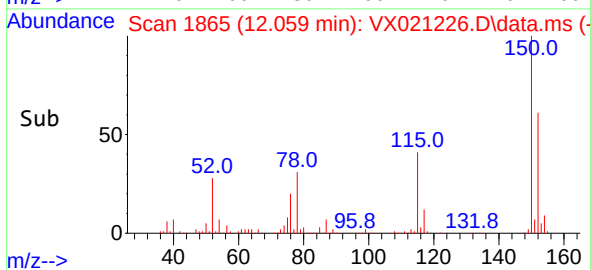
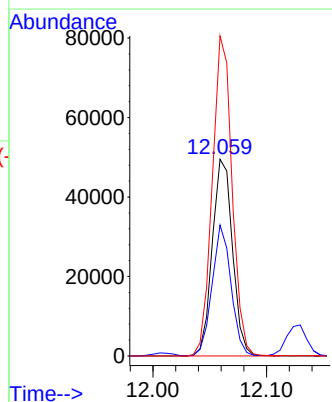
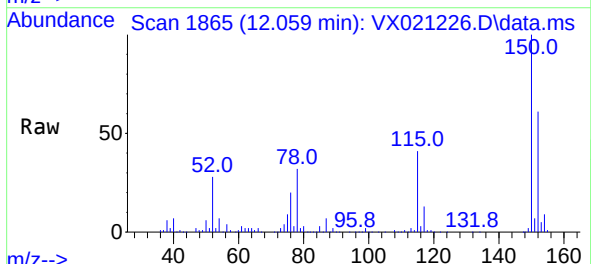
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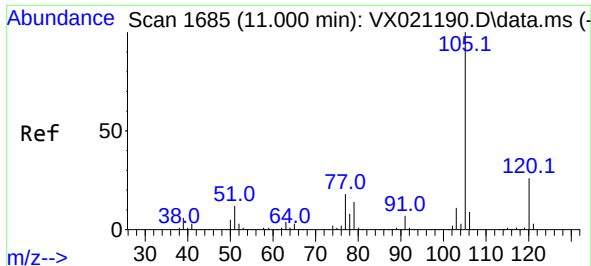
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021226.D
Acq: 16 Mar 2021 02:18

Tgt Ion:152 Resp: 61225
Ion Ratio Lower Upper
152 100
115 62.3 41.1 123.3
150 159.0 0.0 349.0





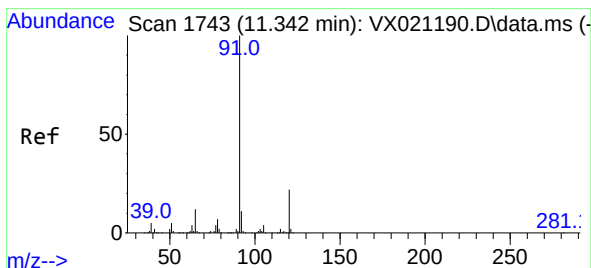
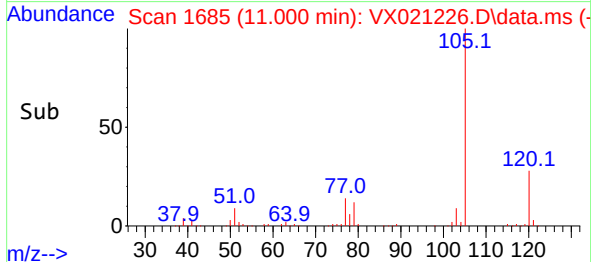
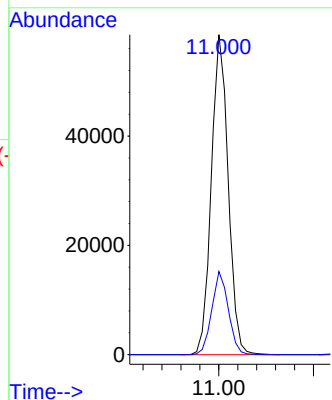
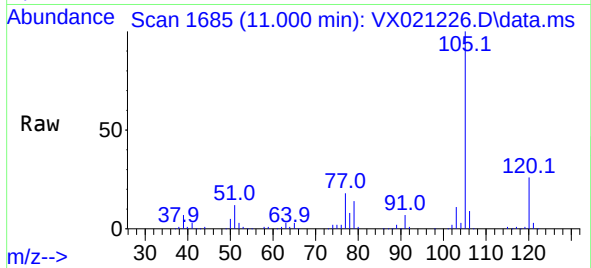
#73
Isopropylbenzene
Concen: 15.19 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX021226.D
Acq: 16 Mar 2021 02:18

Tgt Ion: 105 Resp: 72201
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.6

Instrument :
MSVOA_X
ClientSampleId :
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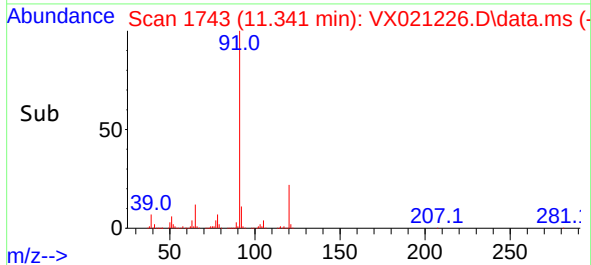
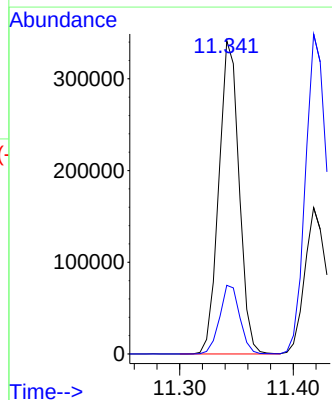
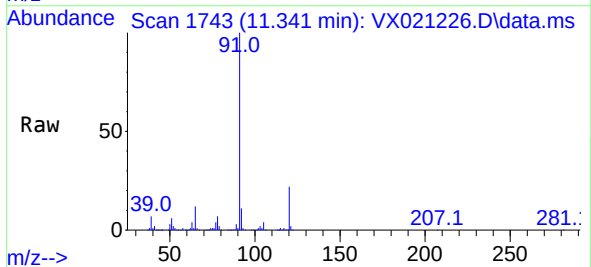
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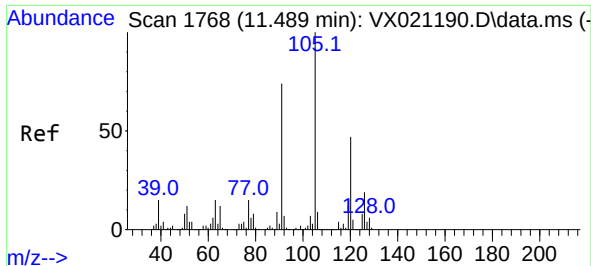
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#78
n-propylbenzene
Concen: 77.34 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX021226.D
Acq: 16 Mar 2021 02:18

Tgt Ion: 91 Resp: 423130
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.5





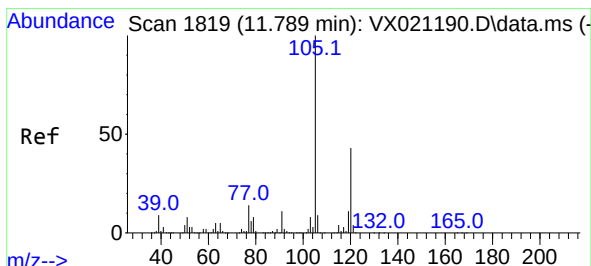
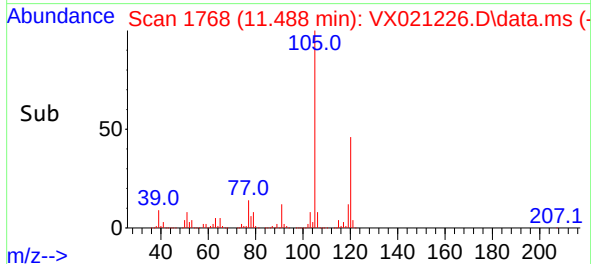
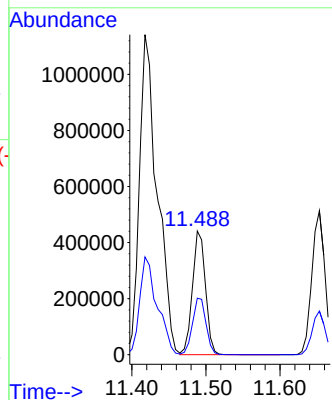
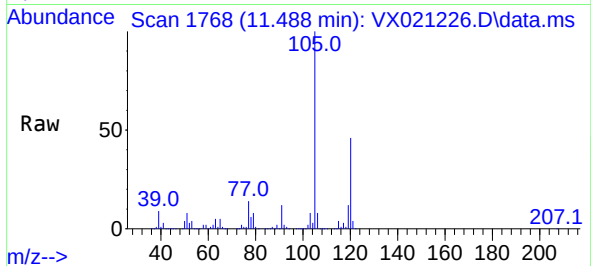
#80
1,3,5-Trimethylbenzene
Concen: 134.85 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VX021226.D
Acq: 16 Mar 2021 02:18

Tgt Ion:105 Resp: 538014
Ion Ratio Lower Upper
105 100
120 47.5 23.8 71.5

Instrument :
MSVOA_X
ClientSampleId :
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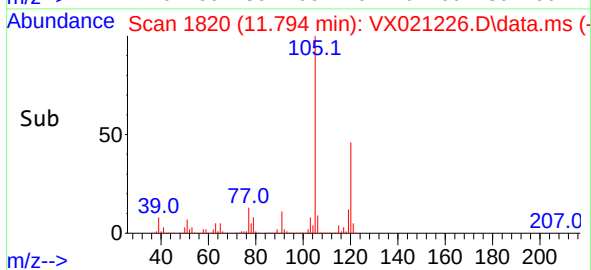
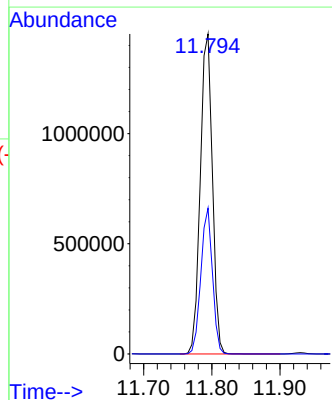
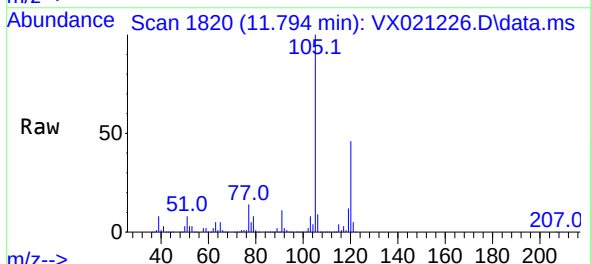
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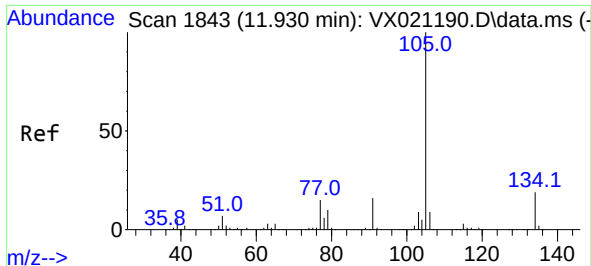
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#84
1,2,4-Trimethylbenzene
Concen: 446.53 ug/l
RT: 11.794 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VX021226.D
Acq: 16 Mar 2021 02:18

Tgt Ion:105 Resp: 1793344
Ion Ratio Lower Upper
105 100
120 43.6 22.4 67.3





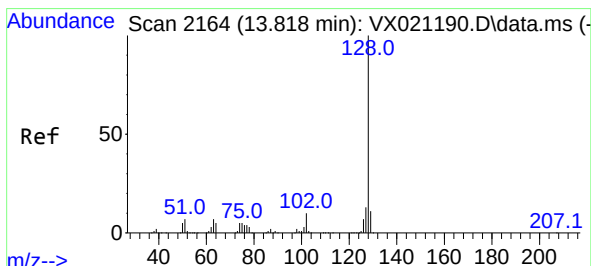
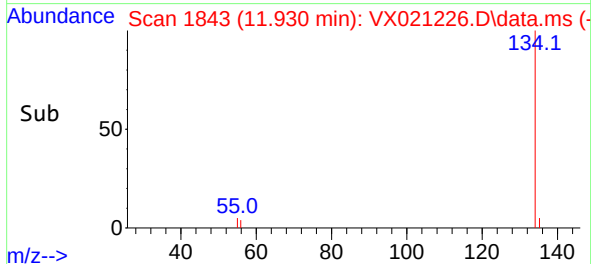
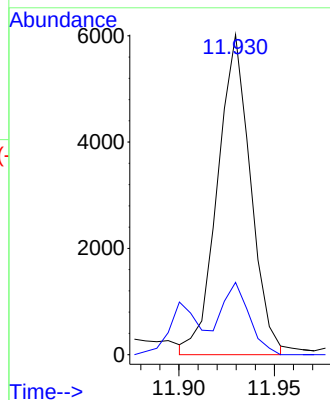
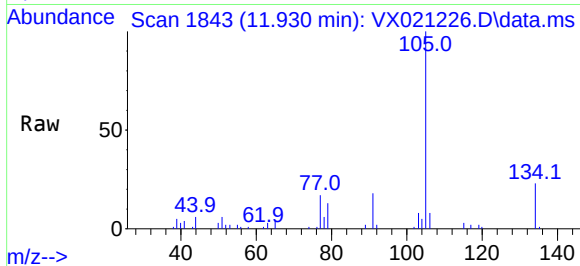
#85
sec-Butylbenzene
Concen: 1.64 ug/l m
RT: 11.930 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX021226.D
Acq: 16 Mar 2021 02:18

Tgt Ion:105 Resp: 7247
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#

Instrument :
MSVOA_X
ClientSampleId :
COMP2-30802:05

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#95
Naphthalene
Concen: 9.01 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021226.D
Acq: 16 Mar 2021 02:18

Tgt Ion:128 Resp: 35071
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.5 8.8 13.2

