

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031621\
 Data File : VX021256.D
 Acq On : 16 Mar 2021 19:54
 Operator : JC/MD
 Sample : M1665-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30821

Manual Integrations
 APPROVED

MMDadoda
 3/17/2021 4:23:58 PM

Quant Time: Mar 17 02:43:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	75421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	125881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	106889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	47761	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	59172	47.83	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.66%		
35) Dibromofluoromethane	5.464	113	41090	47.97	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.94%		
50) Toluene-d8	8.694	98	154847	49.82	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.64%		
62) 4-Bromofluorobenzene	11.118	95	54154	44.87	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.74%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.017	59	5563	26.77	ug/l #	94
16) Acetone	2.417	43	90442	198.70	ug/l #	88
18) Methyl Acetate	2.752	43	2567	2.06	ug/l	94
25) 2-Butanone	4.641	43	7302	10.43	ug/l	90
40) Benzene	6.111	78	45746	13.09	ug/l	96
51) 4-Methyl-2-Pentanone	8.623	43	4907	3.50	ug/l	89
52) Toluene	8.765	92	37816	17.50	ug/l	97
67) Ethyl Benzene	10.235	91	6136	1.51	ug/l	96
68) m/p-Xylenes	10.341	106	23506	16.19	ug/l	93
69) o-Xylene	10.682	106	12182	8.63	ug/l	89
70) Styrene	10.694	104	9956	4.21	ug/l #	83
78) n-propylbenzene	11.347	91	8658	2.09	ug/l #	61
80) 1,3,5-Trimethylbenzene	11.488	105	6782	2.26	ug/l	98
84) 1,2,4-Trimethylbenzene	11.800	105	89195m	29.22	ug/l	
85) sec-Butylbenzene	11.930	105	11626m	3.45	ug/l	
86) p-Isopropyltoluene	12.047	119	34610	11.21	ug/l	95
95) Naphthalene	13.818	128	372020	109.82	ug/l	100

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

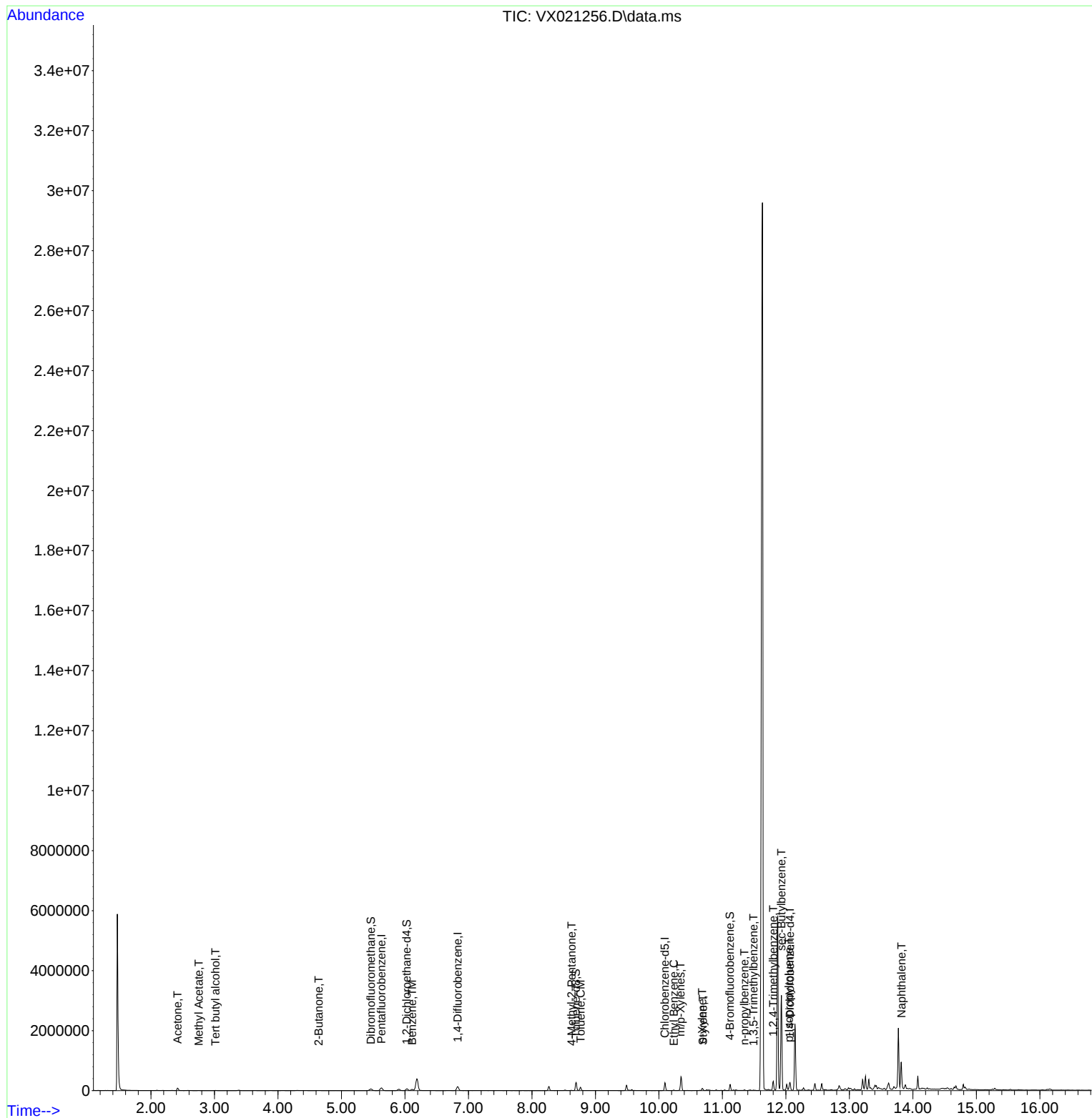
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031621\
Data File : VX021256.D
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Operator : JC/MD
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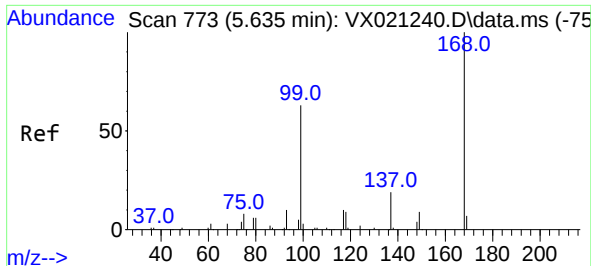
Instrument :
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Quant Time: Mar 17 02:43:35 2021
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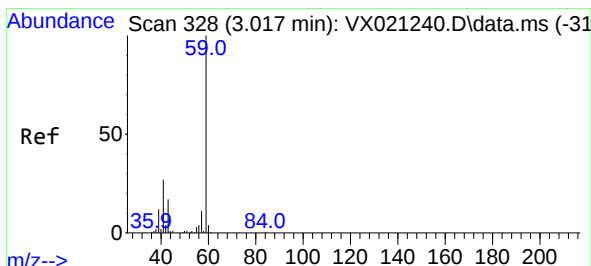
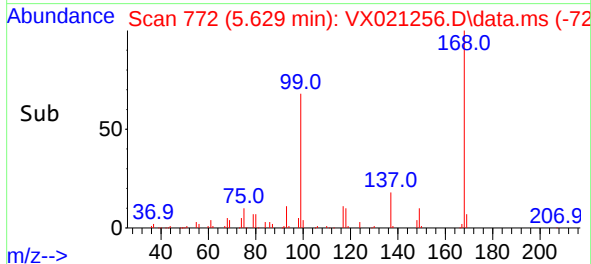
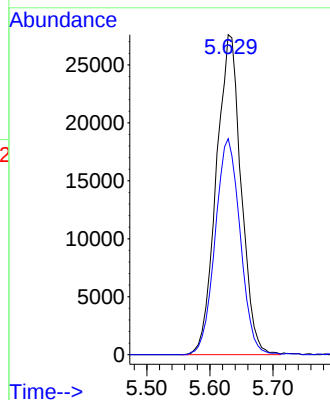
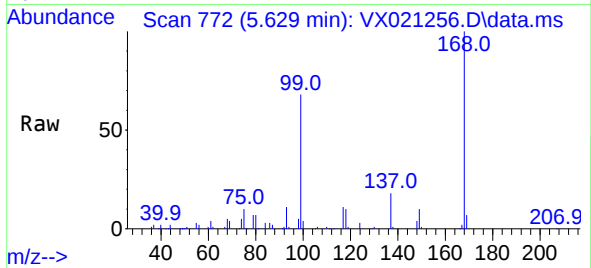
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54

Tgt Ion:168 Resp: 75421
Ion Ratio Lower Upper
168 100
99 67.5 45.8 68.6

Instrument :
MSVOA_X
ClientSampled :
30821

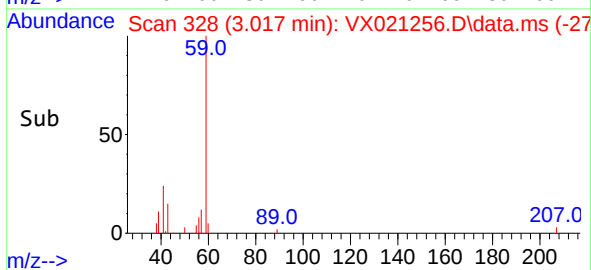
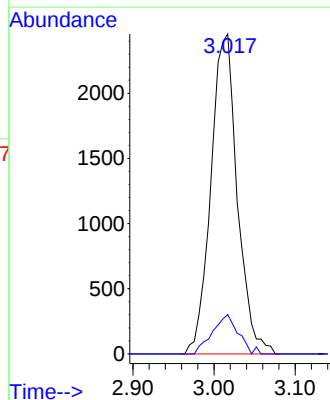
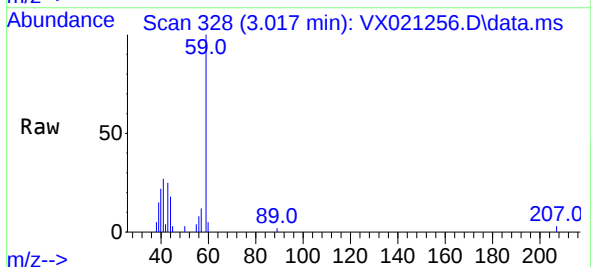
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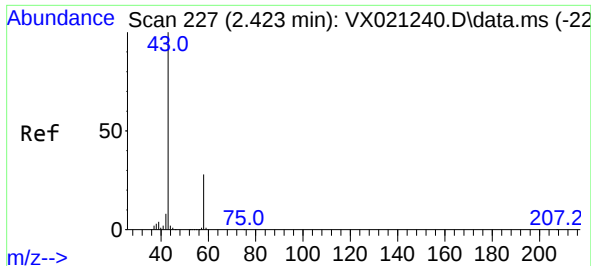
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#11
Tert butyl alcohol
Concen: 26.77 ug/l
RT: 3.017 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54

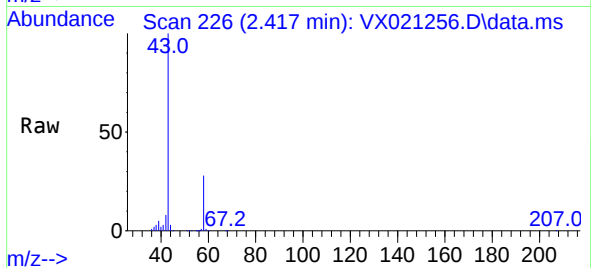
Tgt Ion: 59 Resp: 5563
Ion Ratio Lower Upper
59 100
57 12.0 7.8 11.8#





#16
Acetone
Concen: 198.70 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54

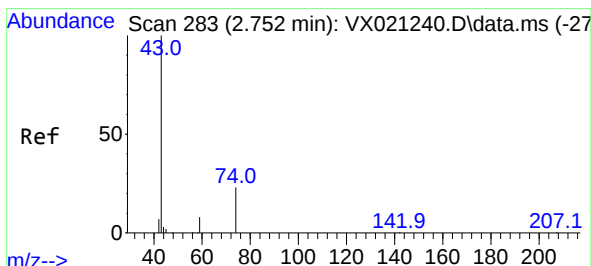
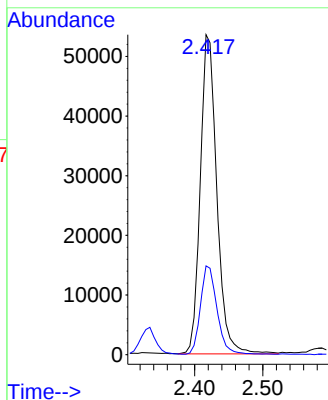
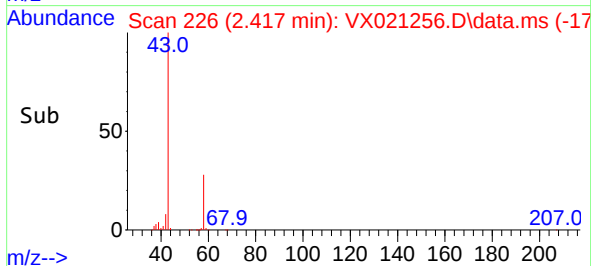
Instrument :
MSVOA_X
ClientSampled :
30821



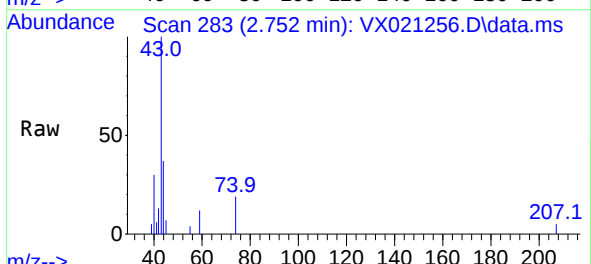
Tgt Ion: 43 Resp: 90442
Ion Ratio Lower Upper
43 100
58 27.7 27.8 41.8#

Manual Integrations
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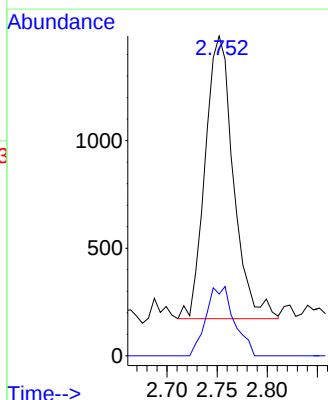
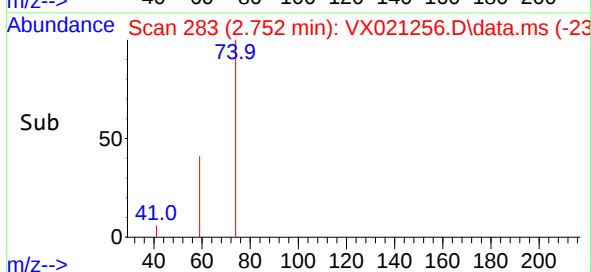
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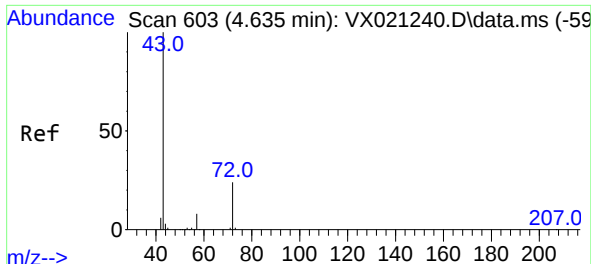


#18
Methyl Acetate
Concen: 2.06 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54



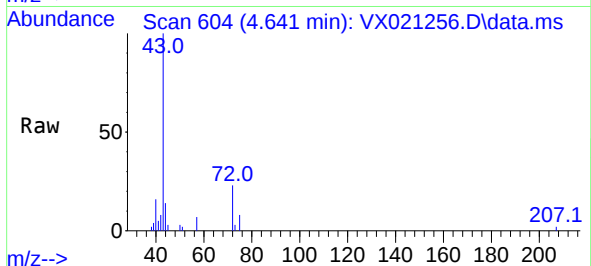
Tgt Ion: 43 Resp: 2567
Ion Ratio Lower Upper
43 100
74 24.4 21.9 32.9





#25
2-Butanone
Concen: 10.43 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54

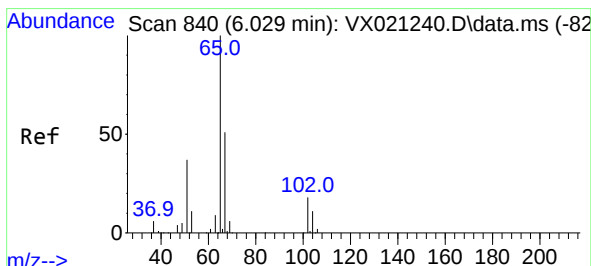
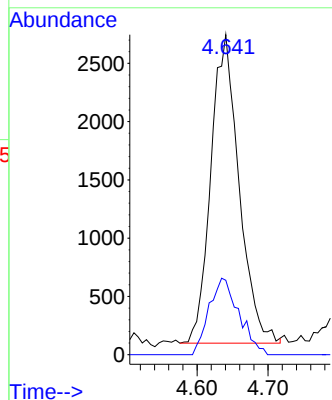
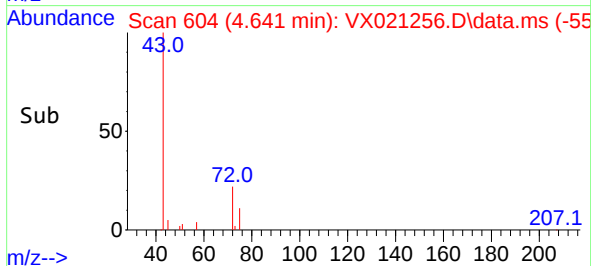
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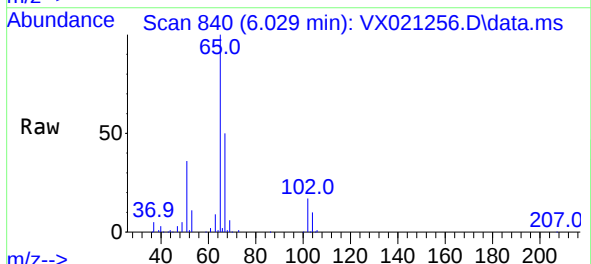
Tgt Ion: 43 Resp: 7302
Ion Ratio Lower Upper
43 100
72 24.1 23.7 35.5

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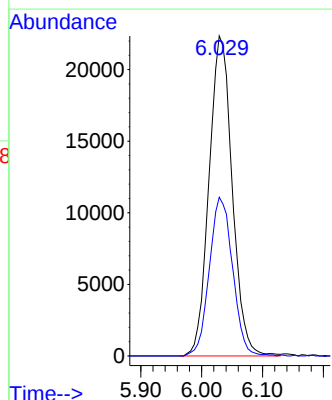
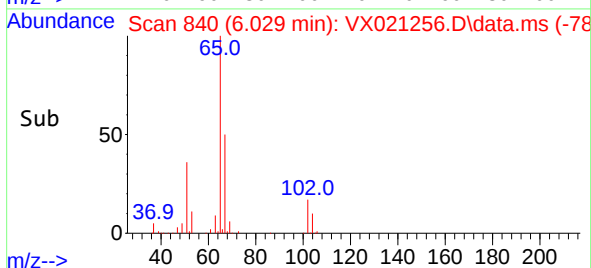
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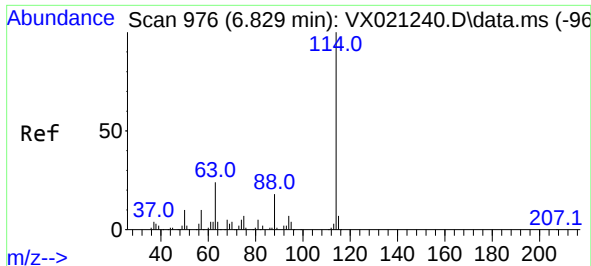


#33
1,2-Dichloroethane-d4
Concen: 47.83 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54



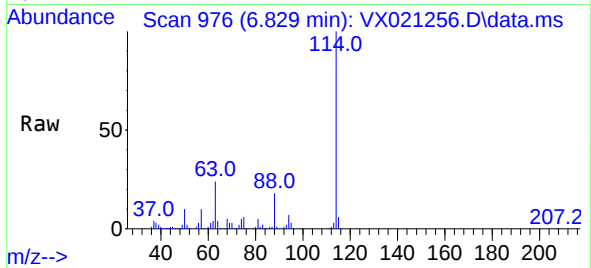
Tgt Ion: 65 Resp: 59172
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.4





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54

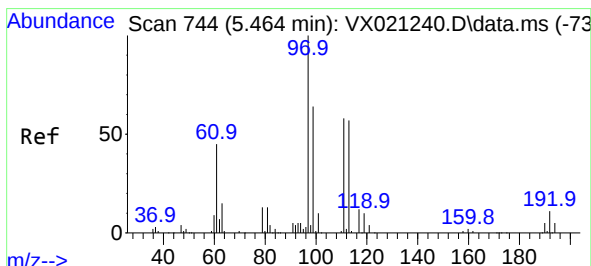
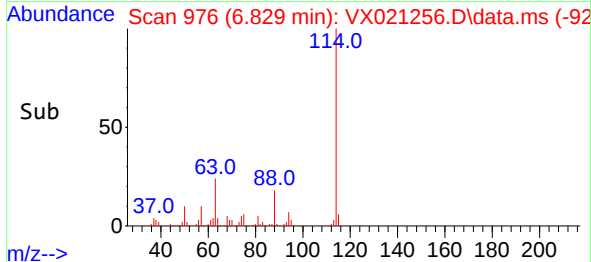
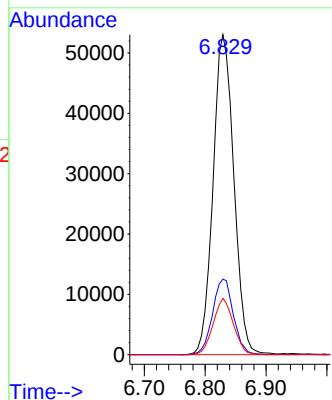
Instrument :
MSVOA_X
ClientSampled :
30821



Tgt Ion:114 Resp: 125881
Ion Ratio Lower Upper
114 100
63 23.6 0.0 40.8
88 17.6 0.0 32.8

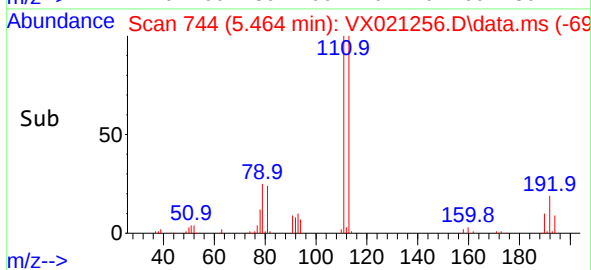
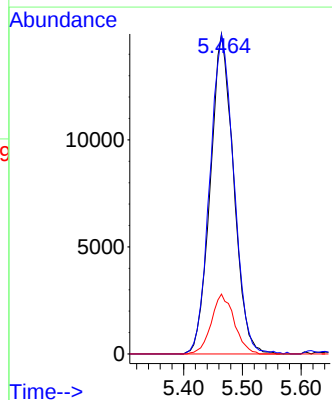
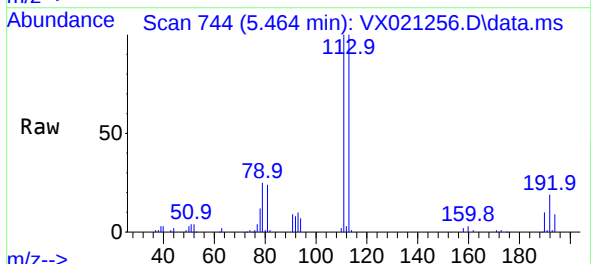
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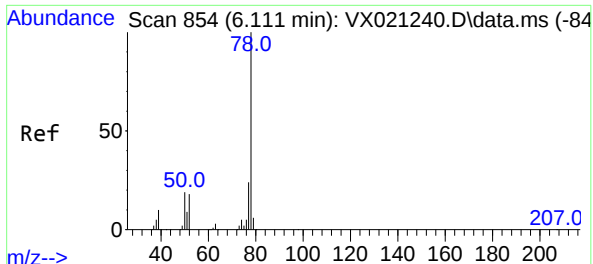
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#35
Dibromofluoromethane
Concen: 47.97 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54

Tgt Ion:113 Resp: 41090
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 18.4 16.7 25.1





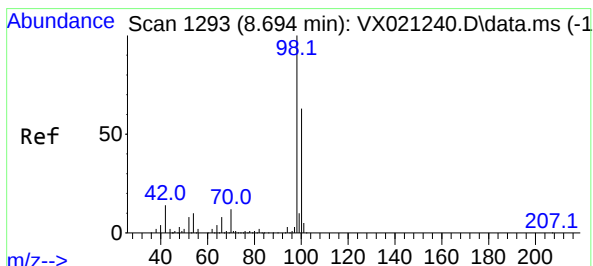
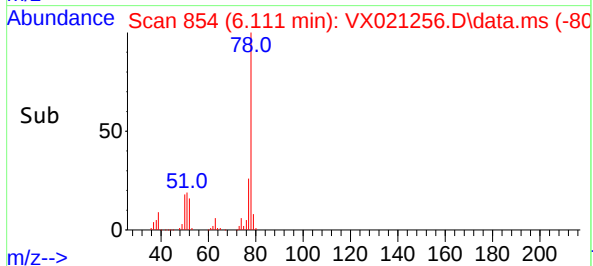
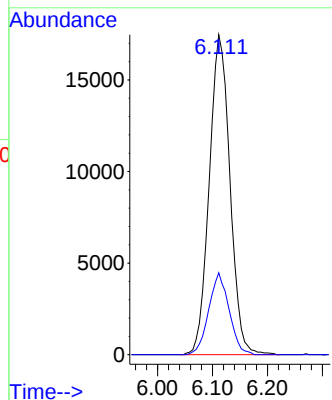
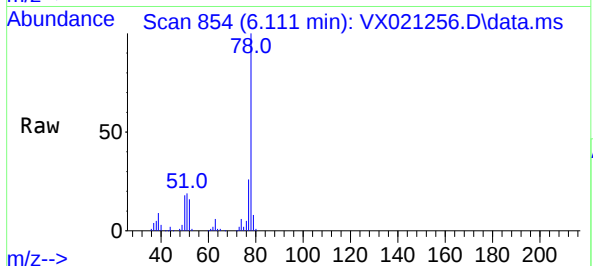
#40
Benzene
Concen: 13.09 ug/l
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54

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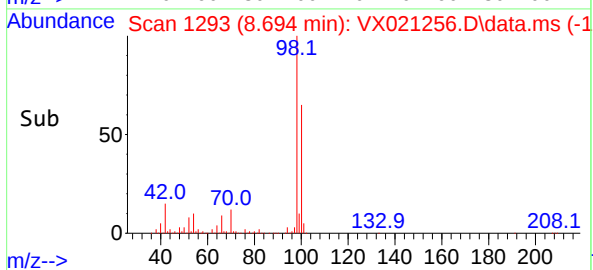
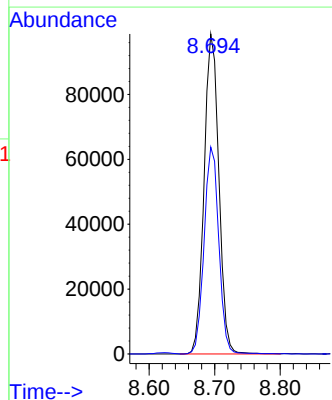
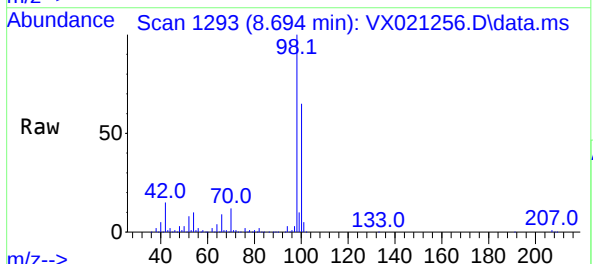
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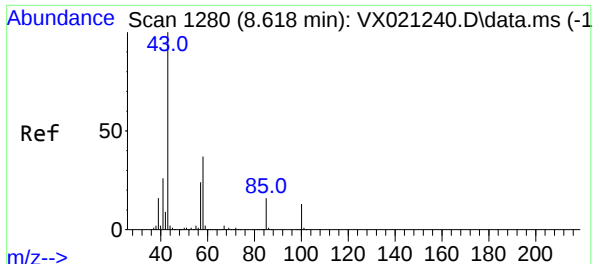
Tgt Ion: 78 Resp: 45746
Ion Ratio Lower Upper
78 100
77 25.6 18.9 28.3



#50
Toluene-d8
Concen: 49.82 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54

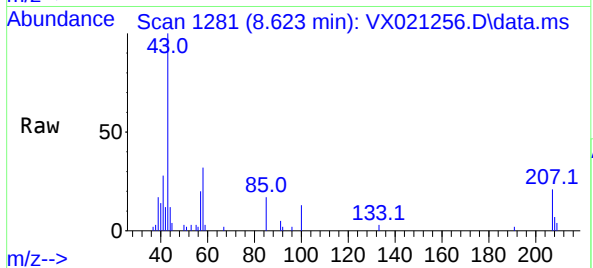
Tgt Ion: 98 Resp: 154847
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9





#51
4-Methyl-2-Pentanone
Concen: 3.50 ug/l
RT: 8.623 min Scan# 1281
Delta R.T. 0.005 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54

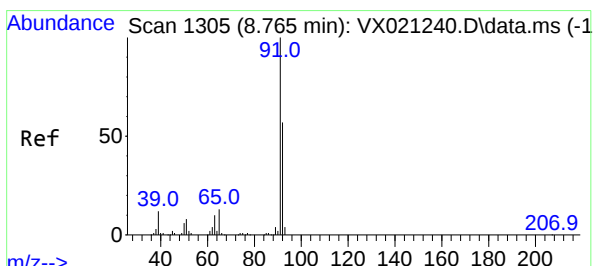
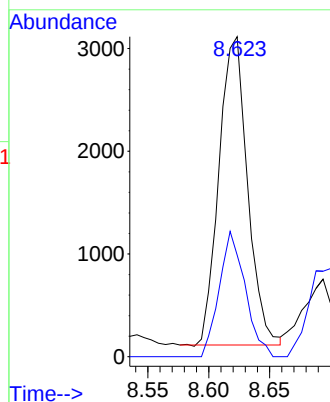
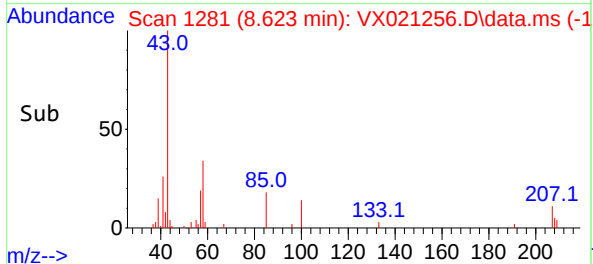
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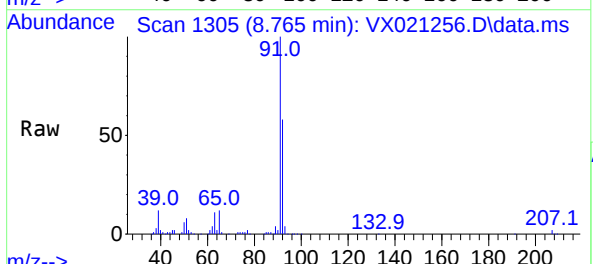
Tgt Ion: 43 Resp: 4907
Ion Ratio Lower Upper
43 100
58 36.8 35.4 53.0

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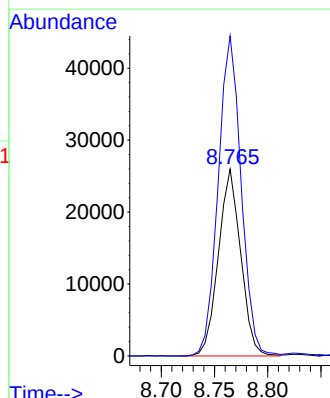
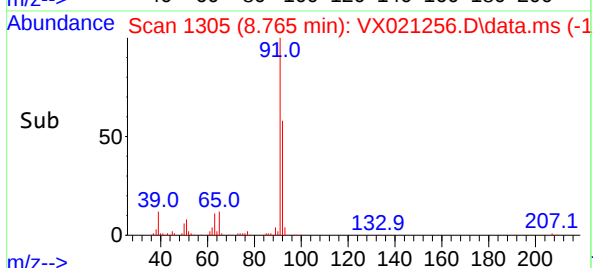
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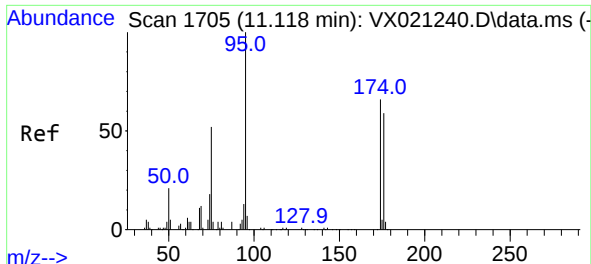


#52
Toluene
Concen: 17.50 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54

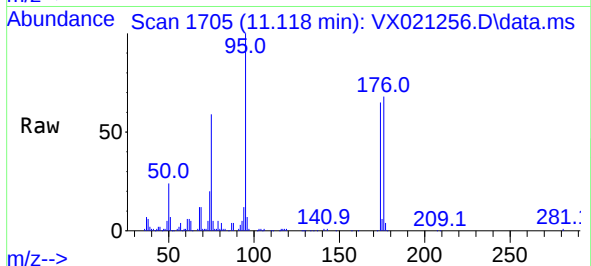


Tgt Ion: 92 Resp: 37816
Ion Ratio Lower Upper
92 100
91 176.0 137.1 205.7

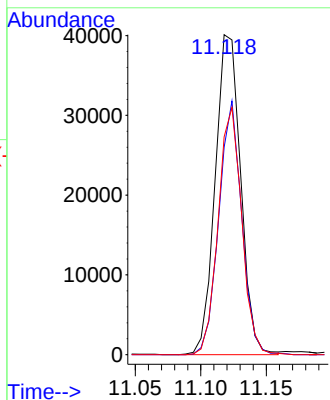
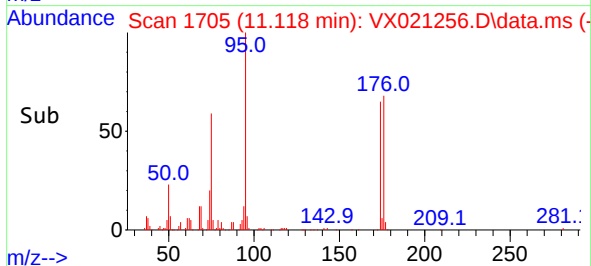




#62
4-Bromofluorobenzene
Concen: 44.87 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54



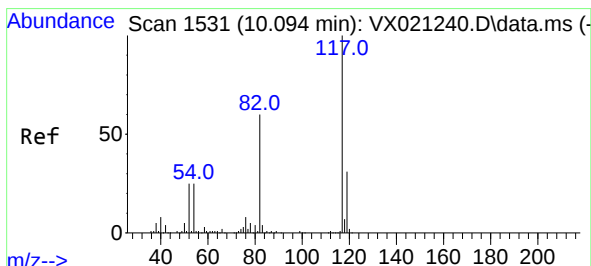
Tgt Ion: 95 Resp: 54154
Ion Ratio Lower Upper
95 100
174 71.2 0.0 154.6
176 71.3 0.0 155.8



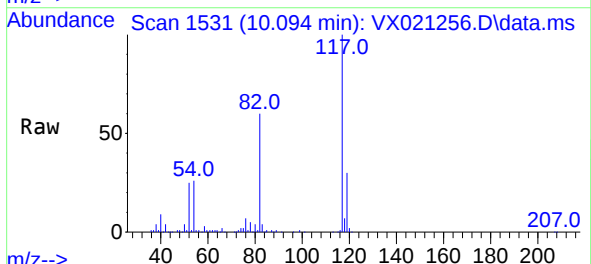
Instrument :
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ClientSampled :
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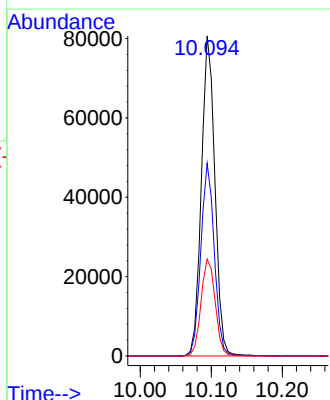
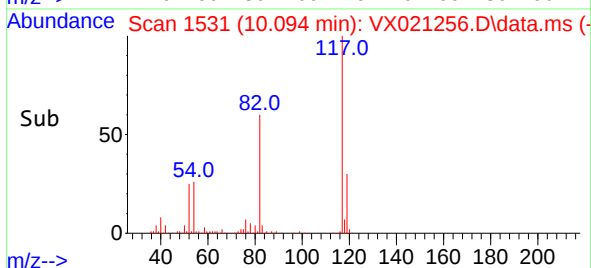
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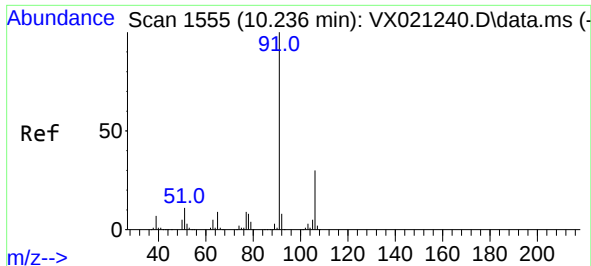


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54



Tgt Ion: 117 Resp: 106889
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 30.3 26.6 39.8





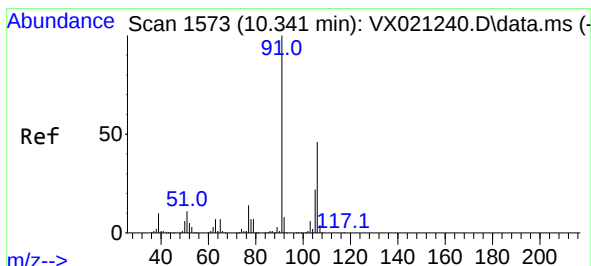
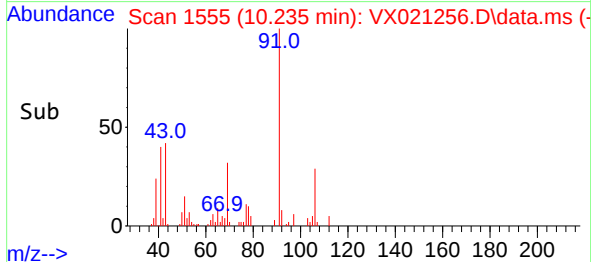
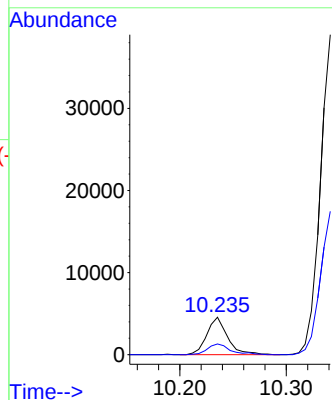
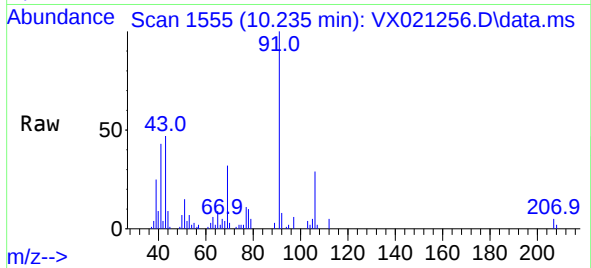
#67
Ethyl Benzene
Concen: 1.51 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54

Tgt Ion: 91 Resp: 6136
Ion Ratio Lower Upper
91 100
106 28.5 24.6 37.0

Instrument :
MSVOA_X
ClientSampleId :
30821

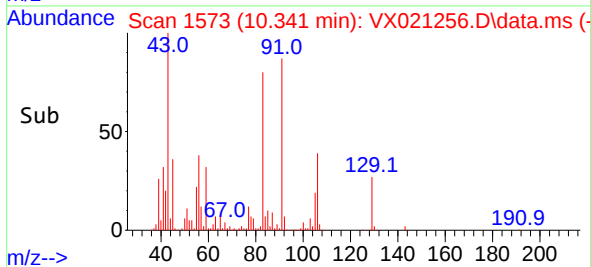
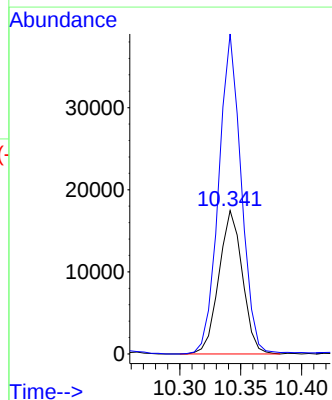
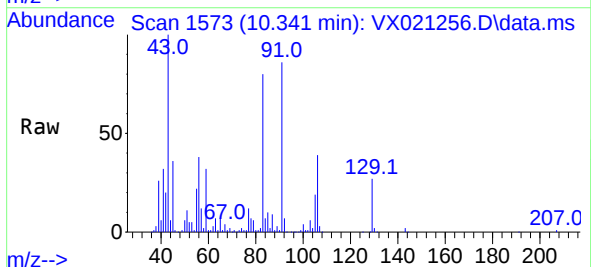
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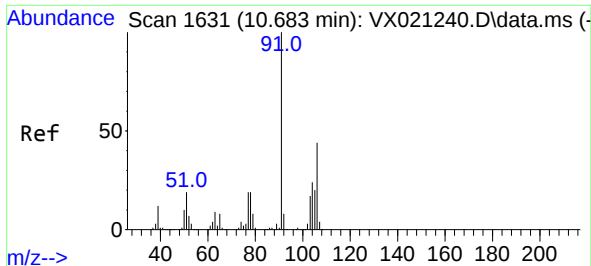
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#68
m/p-Xylenes
Concen: 16.19 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54

Tgt Ion:106 Resp: 23506
Ion Ratio Lower Upper
106 100
91 214.8 162.8 244.2





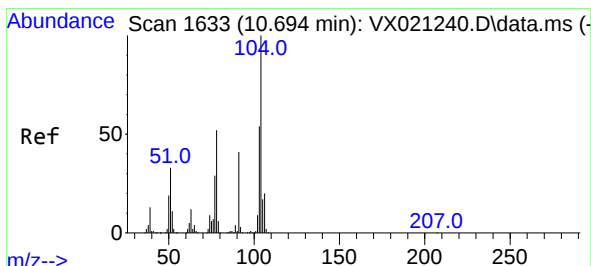
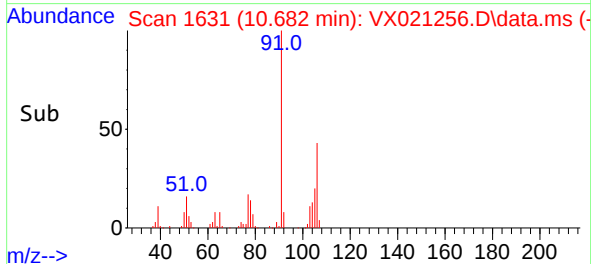
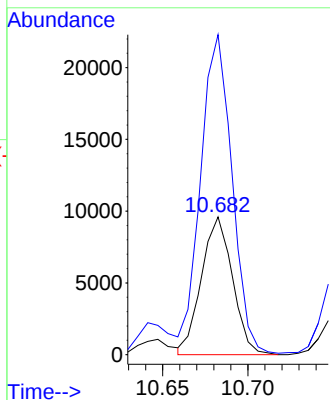
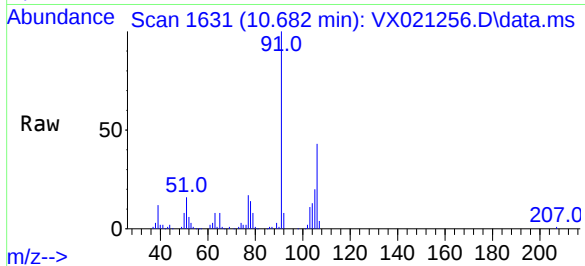
#69
o-Xylene
Concen: 8.63 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. -0.001 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54

Tgt Ion:106 Resp: 12182
Ion Ratio Lower Upper
106 100
91 234.1 108.1 324.2

Instrument :
MSVOA_X
ClientSampled :
30821

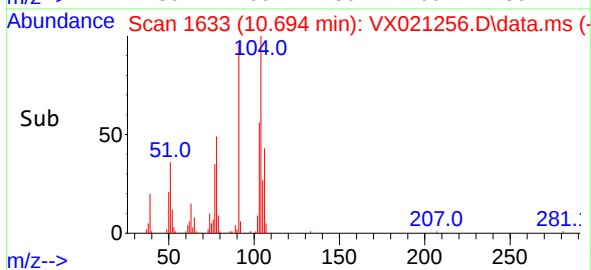
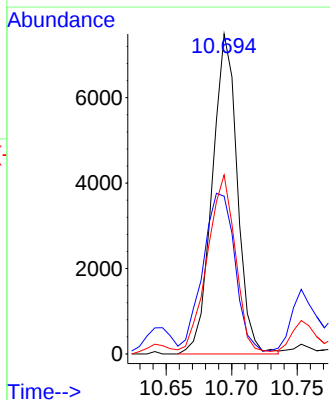
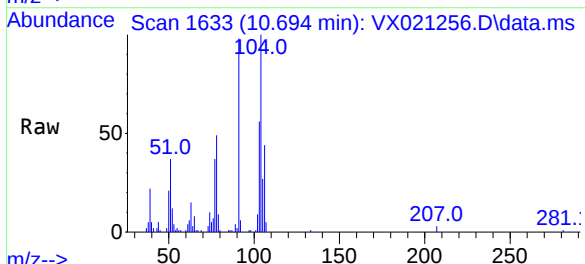
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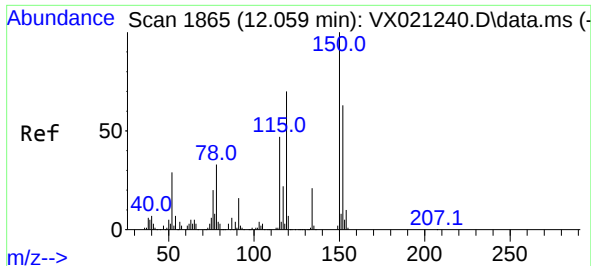
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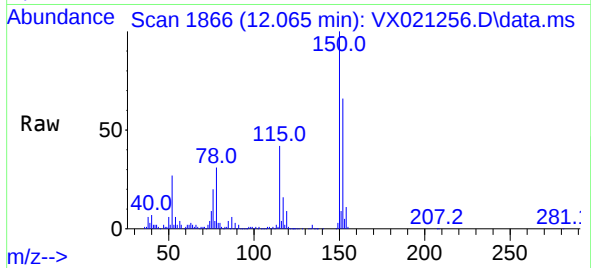
#70
Styrene
Concen: 4.21 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54

Tgt Ion:104 Resp: 9956
Ion Ratio Lower Upper
104 100
78 65.3 40.0 60.0#
103 63.1 43.4 65.0

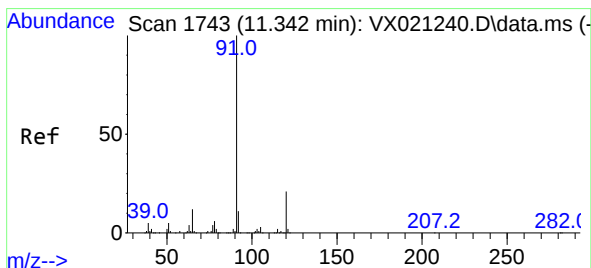
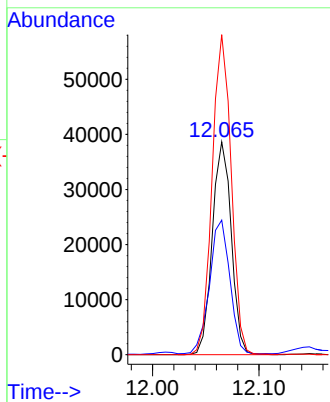
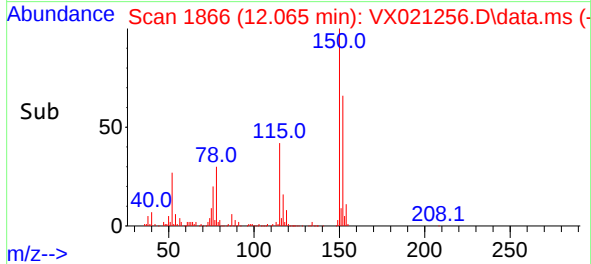




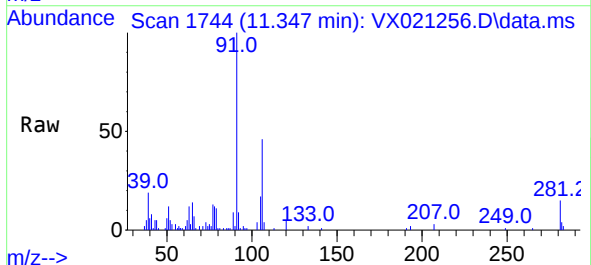
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54



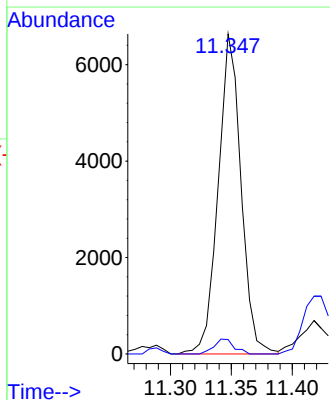
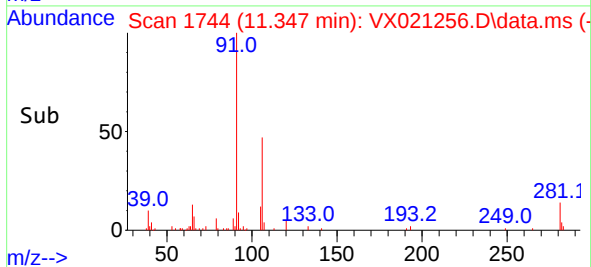
Tgt Ion:152 Resp: 47761
Ion Ratio Lower Upper
152 100
115 67.4 41.1 123.3
150 151.0 0.0 349.0



#78
n-propylbenzene
Concen: 2.09 ug/l
RT: 11.347 min Scan# 1744
Delta R.T. 0.005 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54



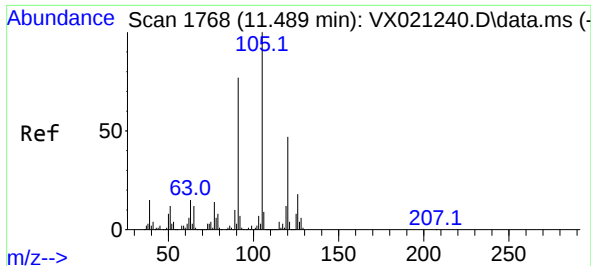
Tgt Ion: 91 Resp: 8658
Ion Ratio Lower Upper
91 100
120 4.1 11.5 34.5#



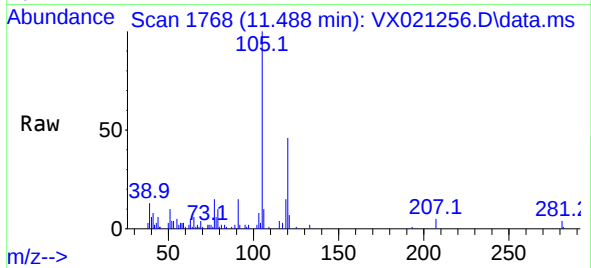
Instrument :
MSVOA_X
ClientSampled :
30821

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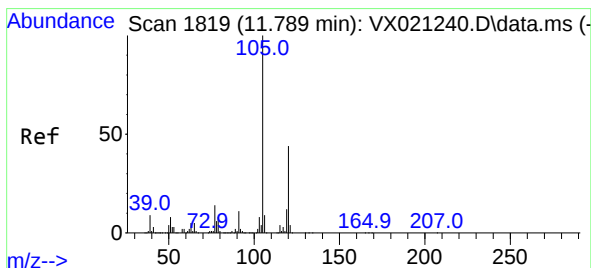
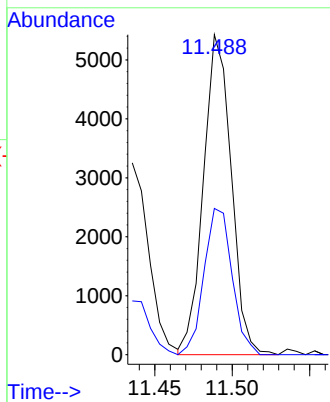
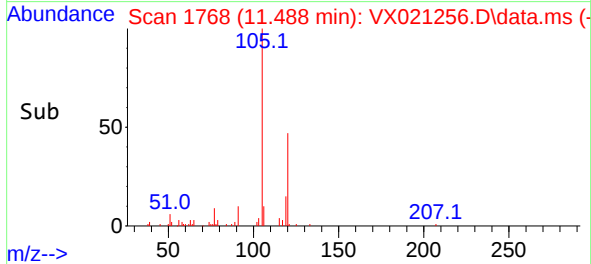
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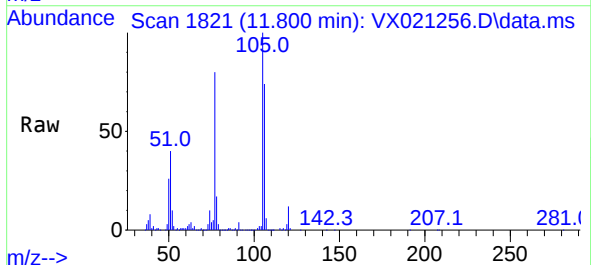
#80
1,3,5-Trimethylbenzene
Concen: 2.26 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. -0.001 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54



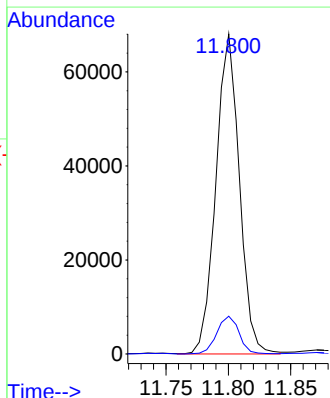
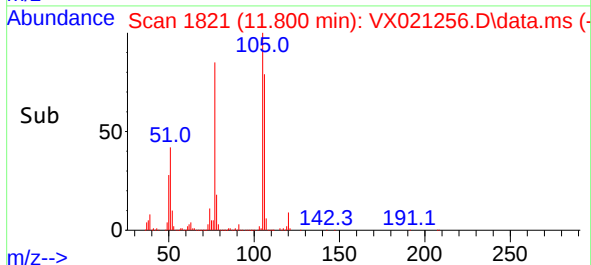
Tgt Ion:105 Resp: 6782
Ion Ratio Lower Upper
105 100
120 46.1 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 29.22 ug/l m
RT: 11.800 min Scan# 1821
Delta R.T. 0.011 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54



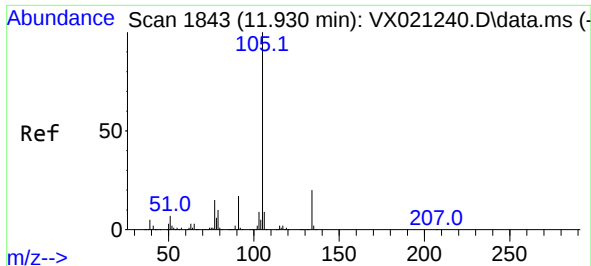
Tgt Ion:105 Resp: 89195
Ion Ratio Lower Upper
105 100
120 1.8 22.4 67.3#



Instrument :
MSVOA_X
ClientSampled :
30821

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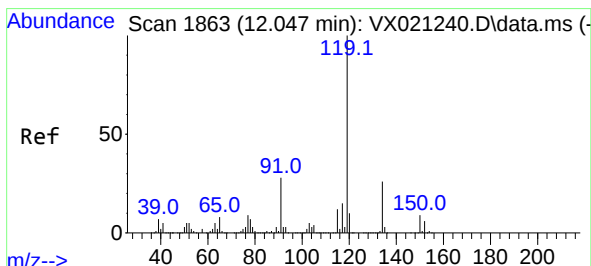
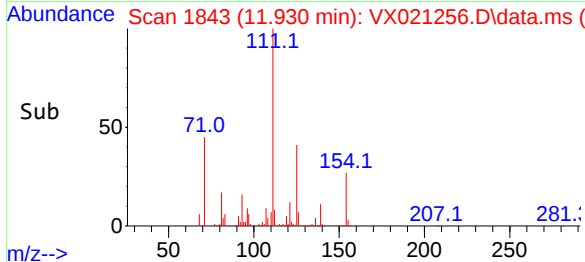
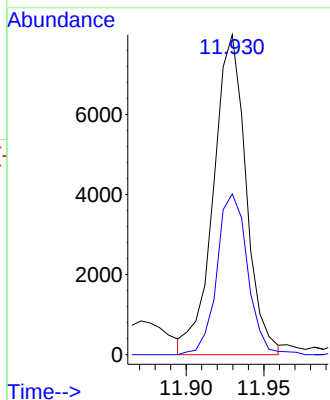
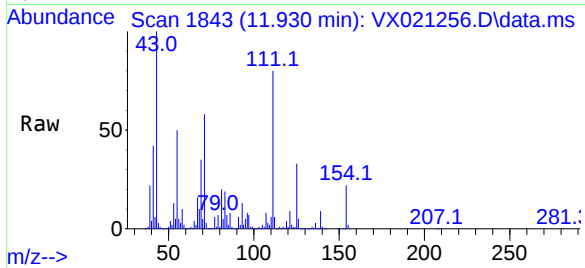
#85
 sec-Butylbenzene
 Concen: 3.45 ug/l m
 RT: 11.930 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: VX021256.D
 Acq: 16 Mar 2021 19:54

Tgt Ion:105 Resp: 11626
 Ion Ratio Lower Upper
 105 100
 134 27.3 10.0 29.8

Instrument :
 MSVOA_X
 ClientSampled :
 30821

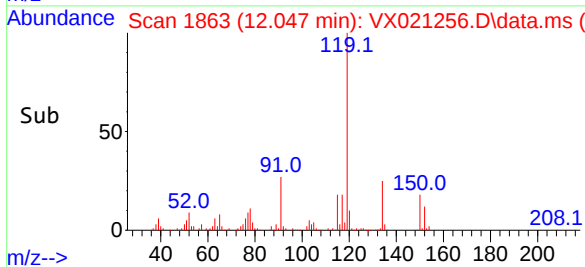
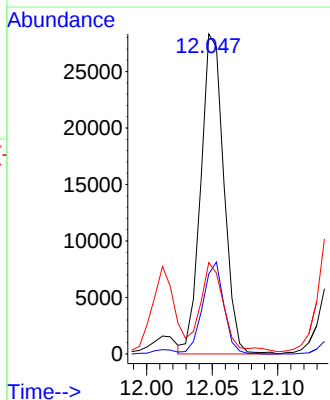
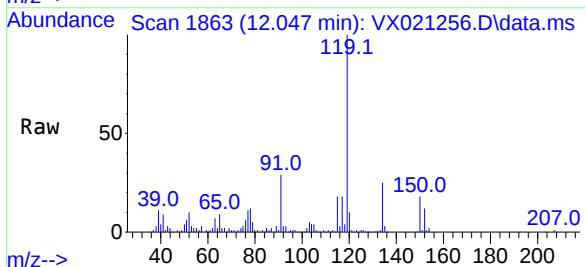
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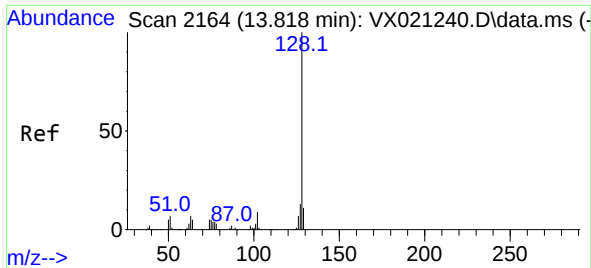
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#86
 p-Isopropyltoluene
 Concen: 11.21 ug/l
 RT: 12.047 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VX021256.D
 Acq: 16 Mar 2021 19:54

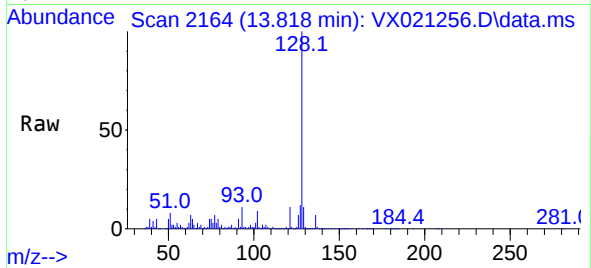
Tgt Ion:119 Resp: 34610
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.7
 91 28.3 11.7 35.0





#95
Naphthalene
Concen: 109.82 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021256.D
Acq: 16 Mar 2021 19:54

Instrument :
MSVOA_X
ClientSampleId :
30821



Tgt Ion:128 Resp: 372020
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2

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