

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
 Data File : VX021774.D
 Acq On : 20 Apr 2021 23:22
 Operator : JC/MD
 Sample : M2079-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06

Manual Integrations
 APPROVED

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 4/21/2021 4:35:53 PM

Quant Time: Apr 21 11:27:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	158833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	259085	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	219060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	88413	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	86325	47.91	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.82%		
35) Dibromofluoromethane	5.464	113	83397	50.33	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.66%		
50) Toluene-d8	8.696	98	304645	47.82	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.64%		
62) 4-Bromofluorobenzene	11.116	95	97537	41.00	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	82.00%#		
Target Compounds					Qvalue	
31) Cyclohexane	5.544	56	3015	1.19	ug/l #	90
39) Methylcyclohexane	7.434	83	4459m	1.51	ug/l	
40) Benzene	6.111	78	21889	3.21	ug/l	99
67) Ethyl Benzene	10.232	91	5425	0.69	ug/l	94
68) m/p-Xylenes	10.342	106	2158	0.71	ug/l	99
73) Isopropylbenzene	11.000	105	85219	13.74	ug/l	99
78) n-propylbenzene	11.341	91	192659	28.08	ug/l	99
83) tert-Butylbenzene	11.756	119	1609	0.31	ug/l	85
84) 1,2,4-Trimethylbenzene	11.786	105	3302	0.62	ug/l	99
85) sec-Butylbenzene	11.927	105	17221	2.86	ug/l #	57
89) n-Butylbenzene	12.372	91	5263m	1.09	ug/l	
95) Naphthalene	13.817	128	71397	11.98	ug/l	100

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

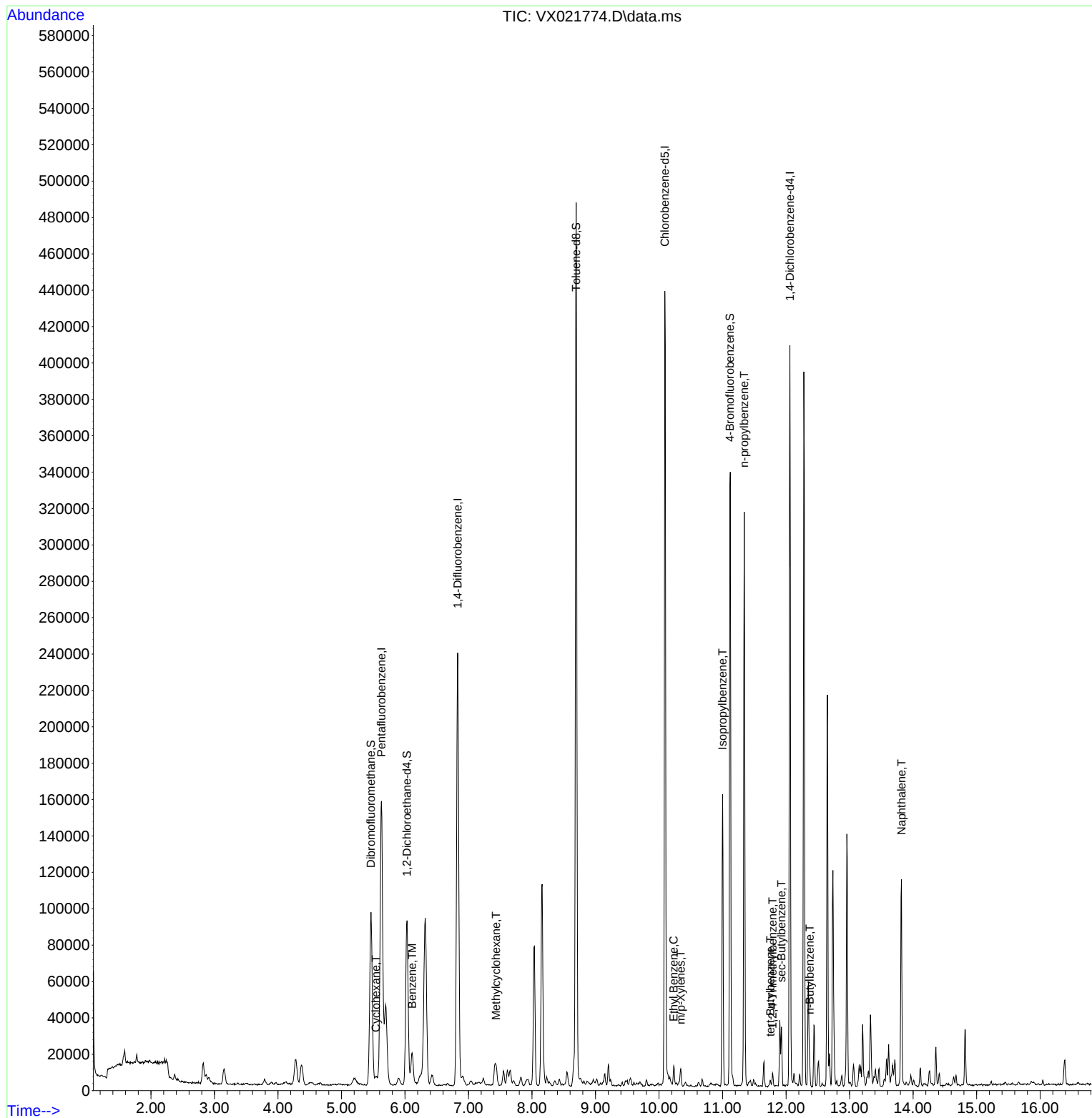
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Data File : VX021774.D
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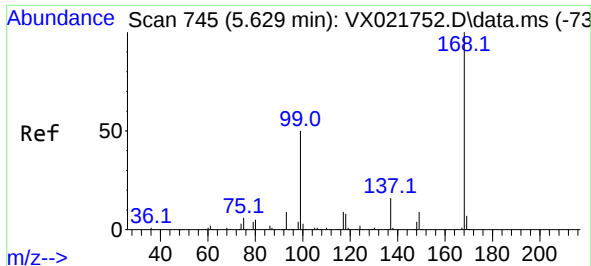
Instrument :
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ClientSampleId :
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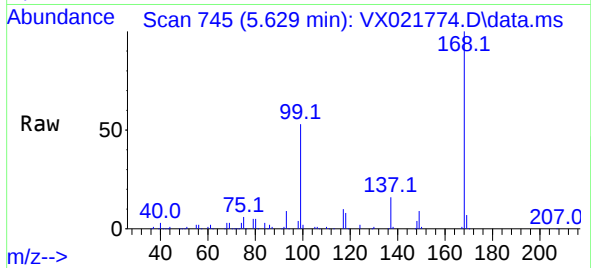
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Quant Time: Apr 21 11:27:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
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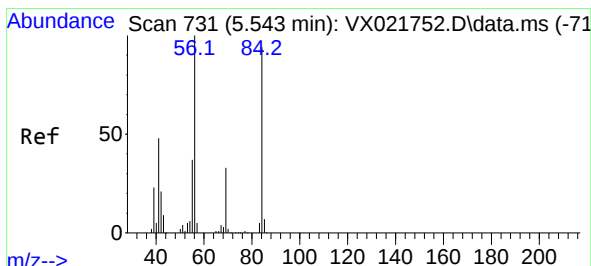
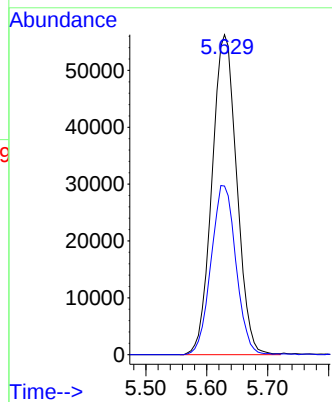
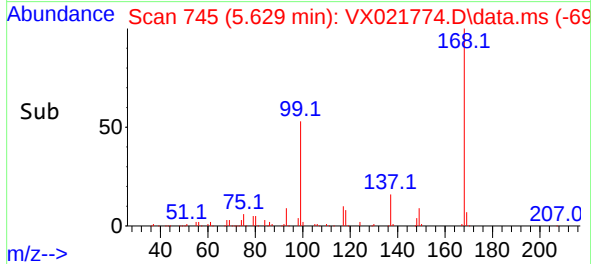




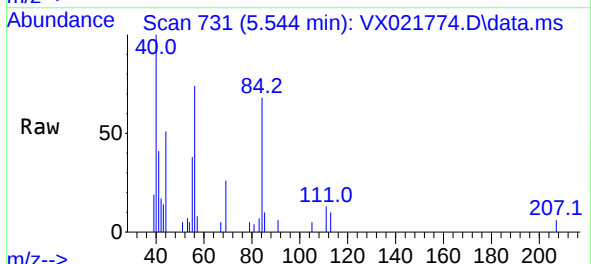
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021774.D
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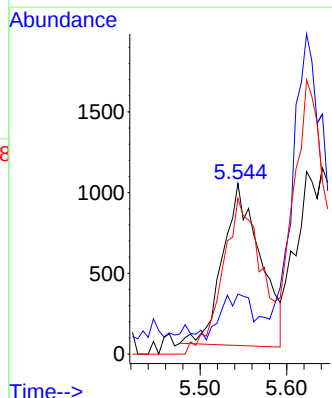
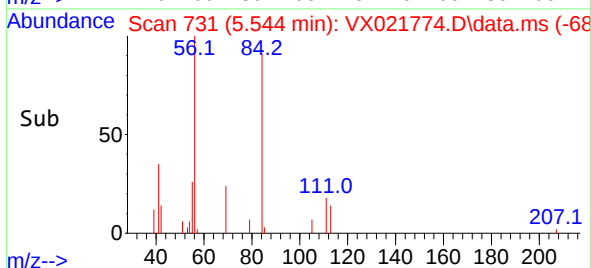
Tgt Ion: 168 Resp: 158833
Ion Ratio Lower Upper
168 100
99 52.7 45.8 68.6



#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.001 min
Lab File: VX021774.D
Acq: 20 Apr 2021 23:22



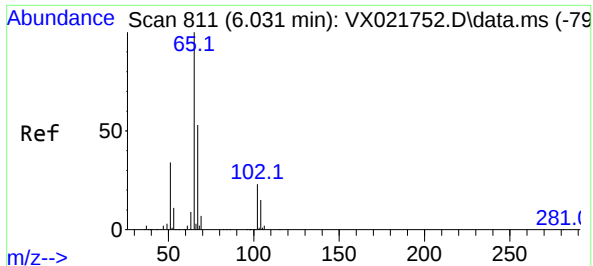
Tgt Ion: 56 Resp: 3015
Ion Ratio Lower Upper
56 100
69 25.1 25.3 37.9#
84 97.4 71.4 107.0



Instrument :
MSVOA_X
ClientSampled :
MW-06

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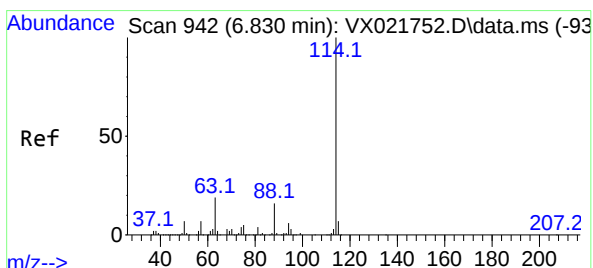
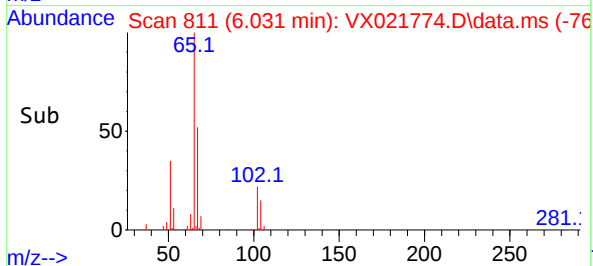
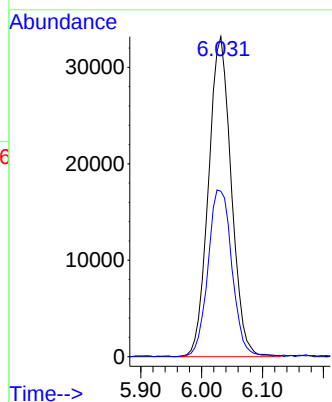
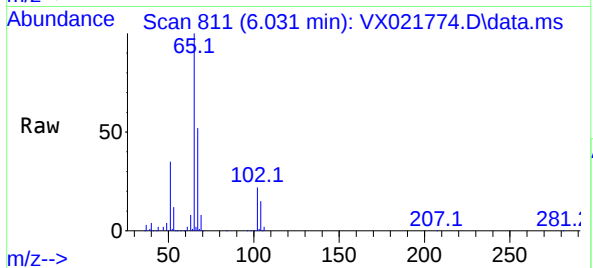
#33
1,2-Dichloroethane-d4
Concen: 47.91 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021774.D
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Tgt Ion: 65 Resp: 86325
Ion Ratio Lower Upper
65 100
67 55.0 0.0 105.4

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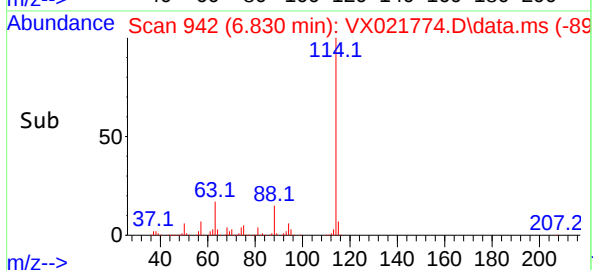
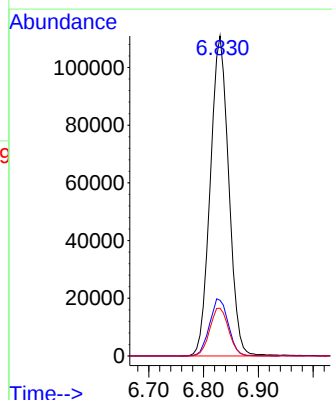
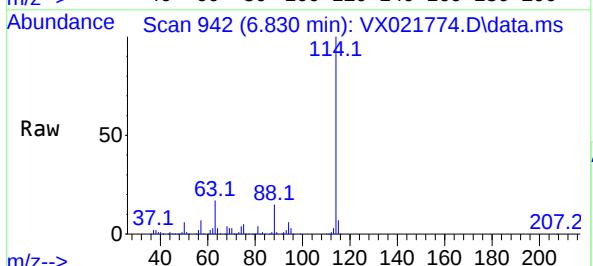
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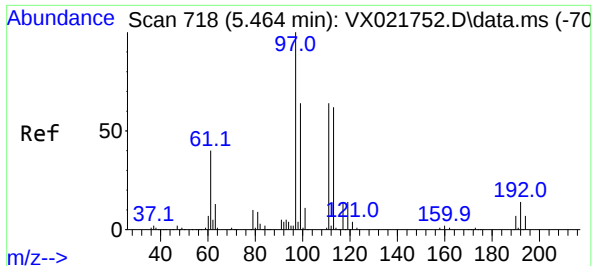
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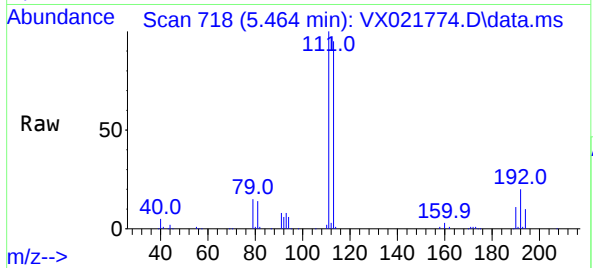
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX021774.D
Acq: 20 Apr 2021 23:22

Tgt Ion: 114 Resp: 259085
Ion Ratio Lower Upper
114 100
63 17.4 0.0 40.8
88 14.9 0.0 32.8

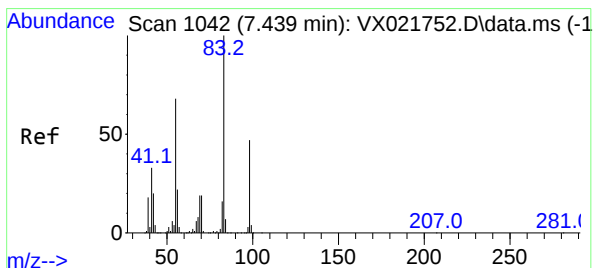
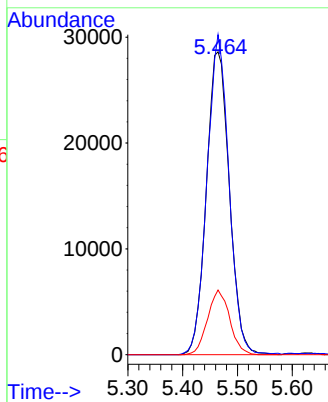
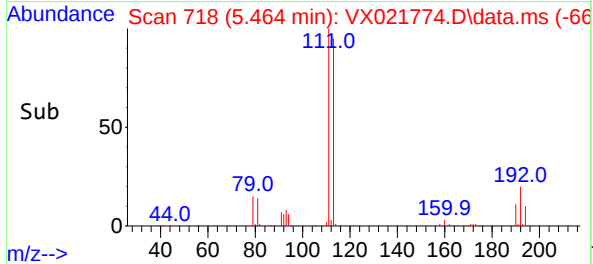




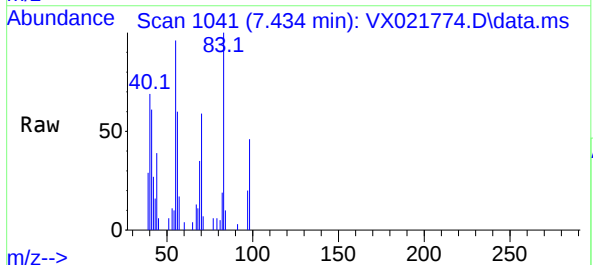
#35
Dibromofluoromethane
Concen: 50.33 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021774.D
Acq: 20 Apr 2021 23:22



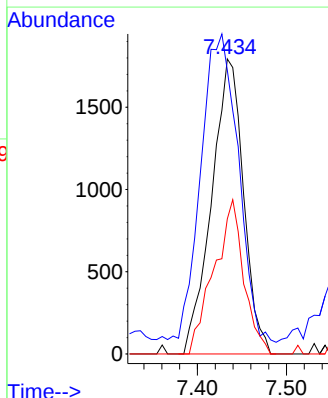
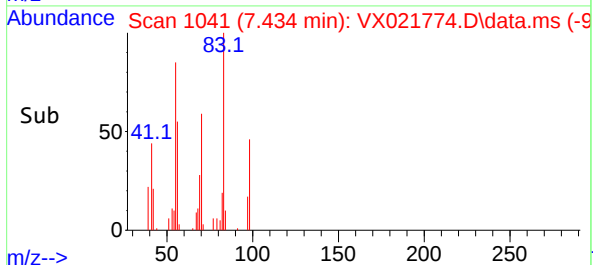
Tgt Ion: 113 Resp: 83397
Ion Ratio Lower Upper
113 100
111 101.0 81.9 122.9
192 20.5 16.7 25.1



#39
Methylcyclohexane
Concen: 1.51 ug/l m
RT: 7.434 min Scan# 1041
Delta R.T. -0.005 min
Lab File: VX021774.D
Acq: 20 Apr 2021 23:22



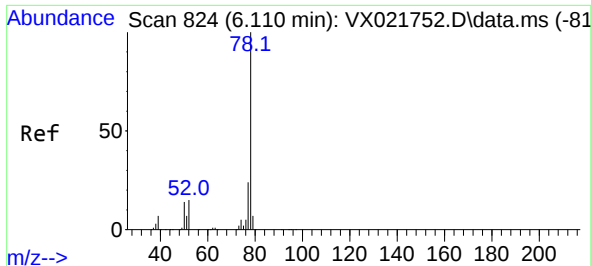
Tgt Ion: 83 Resp: 4459
Ion Ratio Lower Upper
83 100
55 96.2 58.9 88.3#
98 45.8 38.1 57.1



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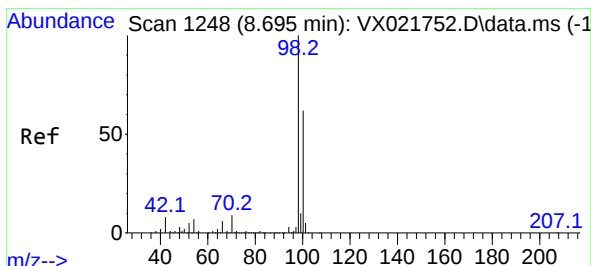
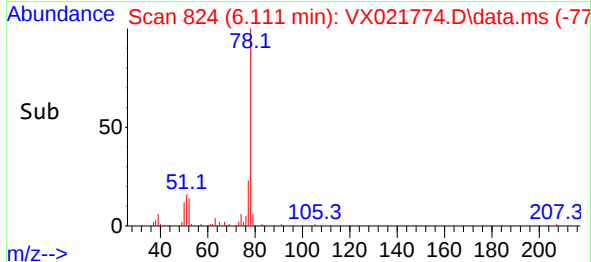
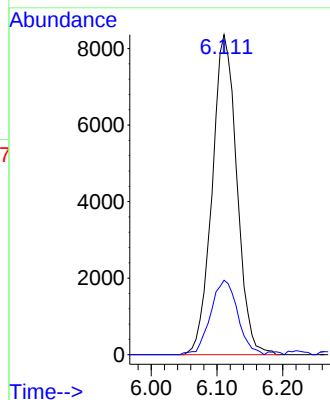
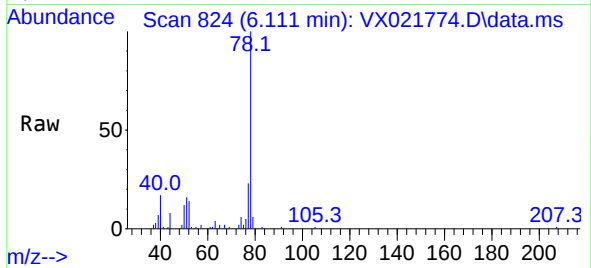
#40
Benzene
Concen: 3.21 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.001 min
Lab File: VX021774.D
Acq: 20 Apr 2021 23:22

Tgt Ion: 78 Resp: 21889
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3

Instrument :
MSVOA_X
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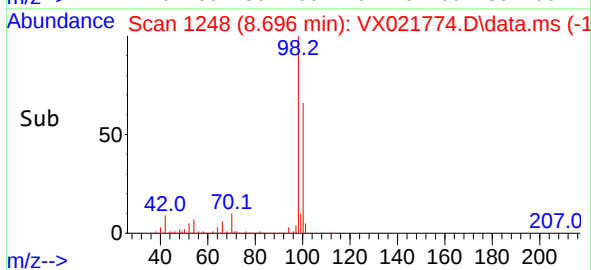
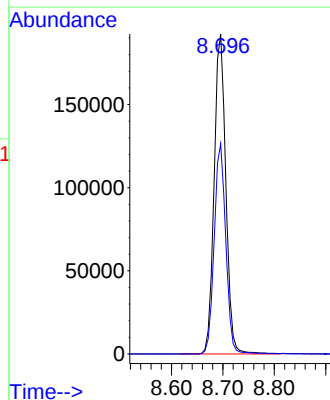
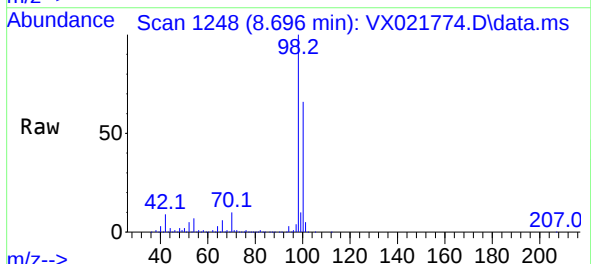
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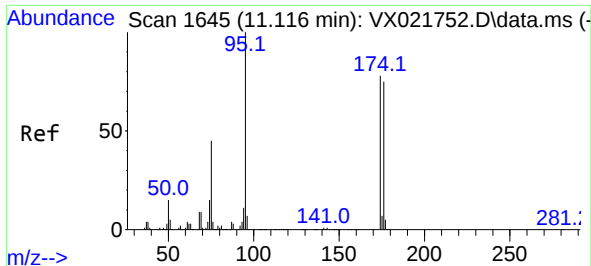
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#50
Toluene-d8
Concen: 47.82 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021774.D
Acq: 20 Apr 2021 23:22

Tgt Ion: 98 Resp: 304645
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9





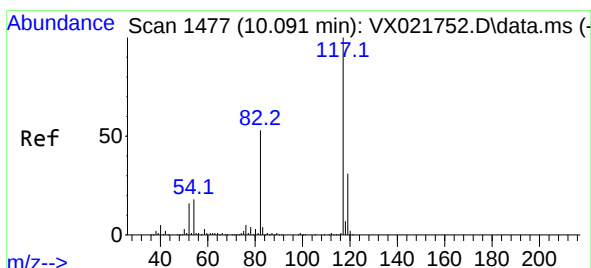
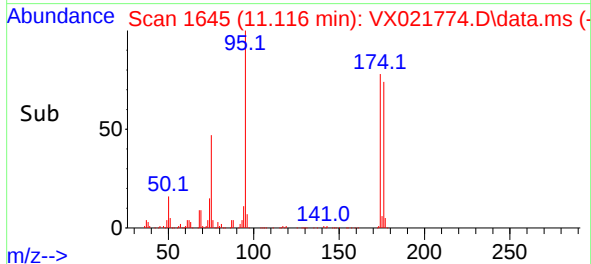
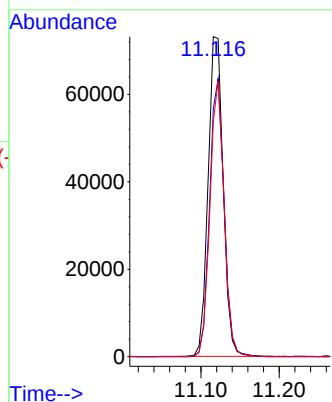
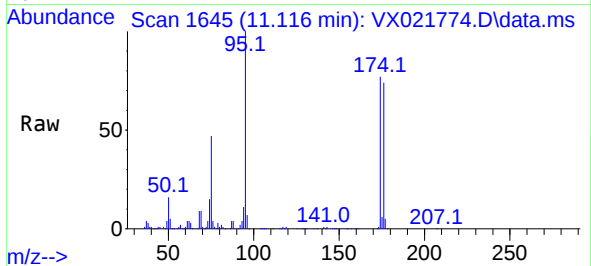
#62
4-Bromofluorobenzene
Concen: 41.00 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021774.D
Acq: 20 Apr 2021 23:22

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Tgt Ion: 95 Resp: 97537
Ion Ratio Lower Upper
95 100
174 83.7 0.0 154.6
176 80.9 0.0 155.8

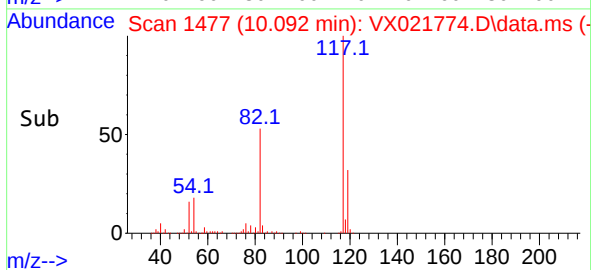
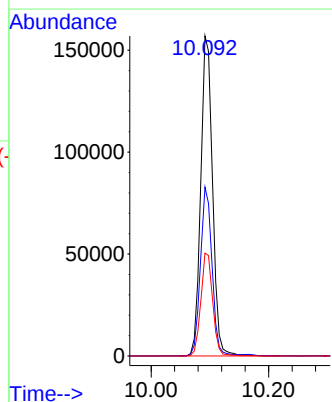
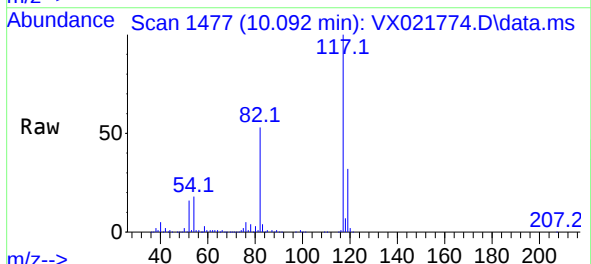
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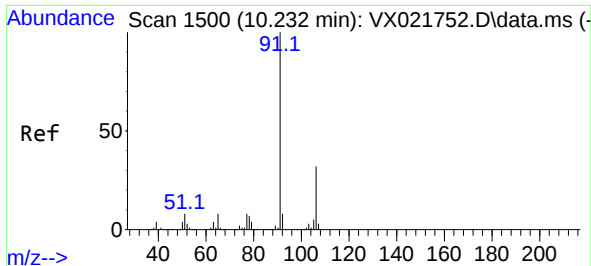
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021774.D
Acq: 20 Apr 2021 23:22

Tgt Ion: 117 Resp: 219060
Ion Ratio Lower Upper
117 100
82 52.7 47.4 71.2
119 32.2 26.6 39.8





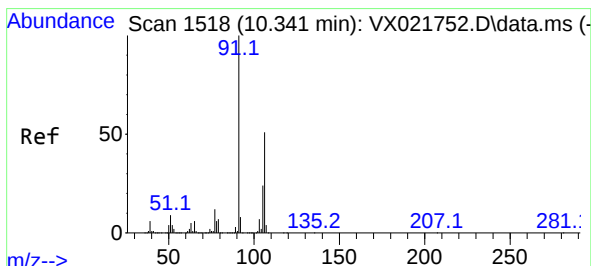
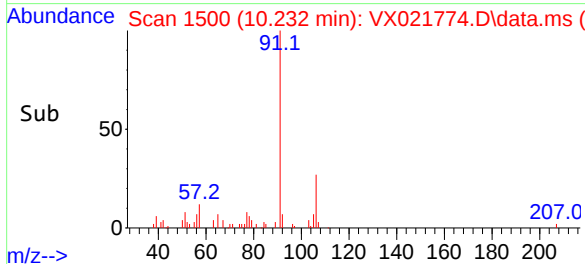
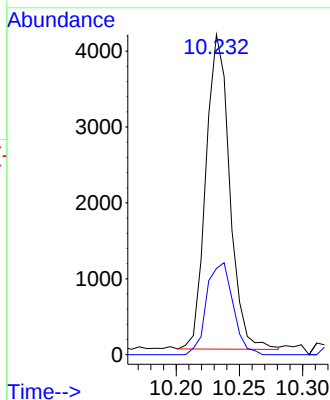
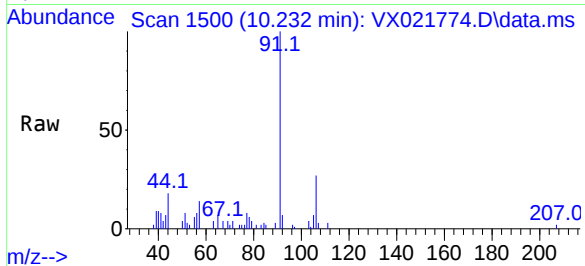
#67
Ethyl Benzene
Concen: 0.69 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX021774.D
Acq: 20 Apr 2021 23:22

Tgt Ion: 91 Resp: 5425
Ion Ratio Lower Upper
91 100
106 27.5 24.6 37.0

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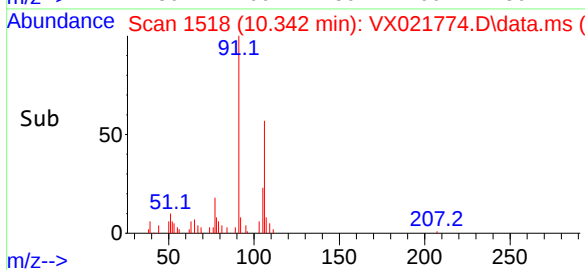
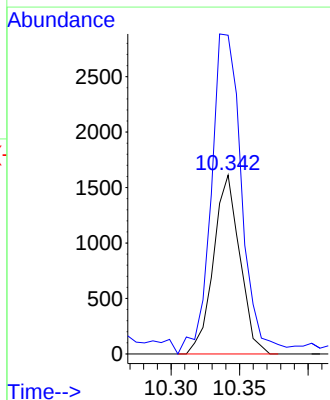
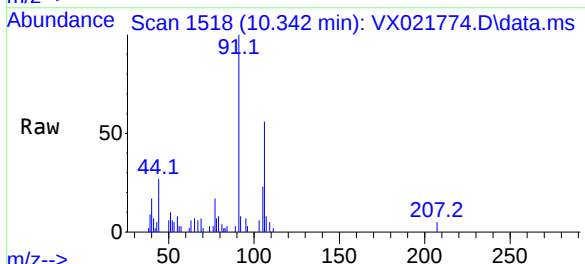
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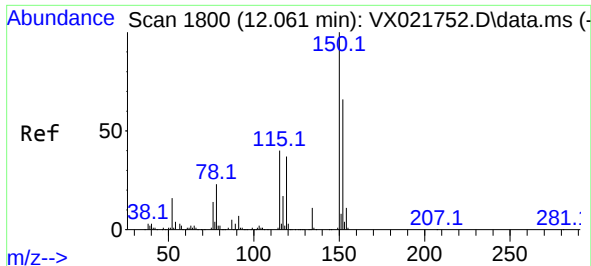
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#68
m/p-Xylenes
Concen: 0.71 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. 0.001 min
Lab File: VX021774.D
Acq: 20 Apr 2021 23:22

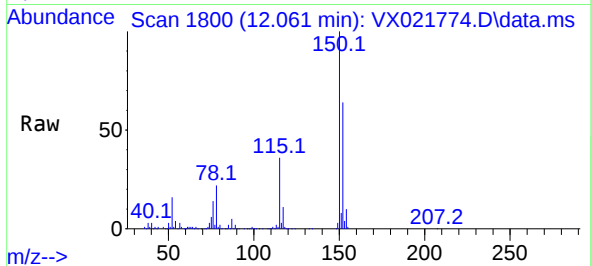
Tgt Ion: 106 Resp: 2158
Ion Ratio Lower Upper
106 100
91 205.8 162.8 244.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021774.D
Acq: 20 Apr 2021 23:22

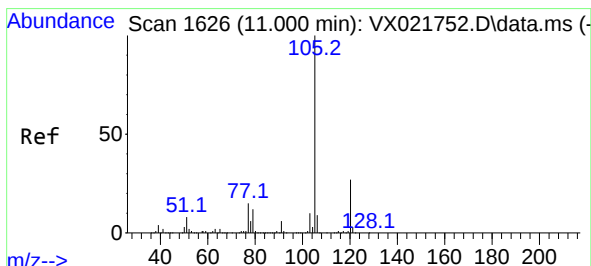
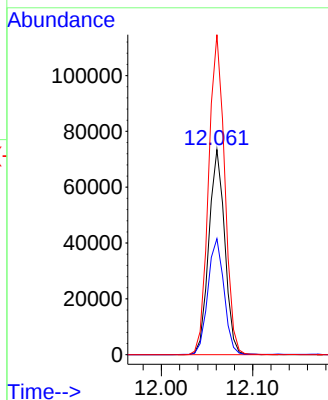
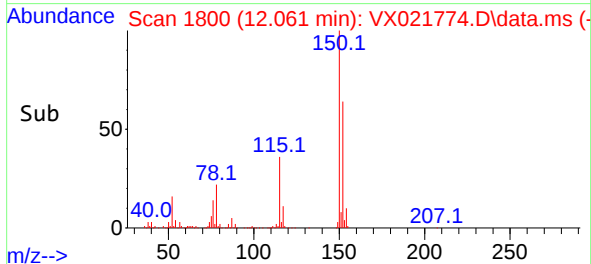
Instrument :
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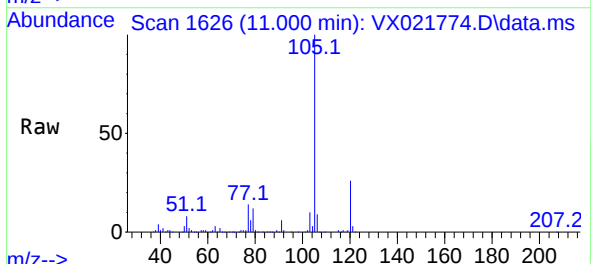
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Ion Ratio Lower Upper
152 100
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150 158.1 0.0 349.0

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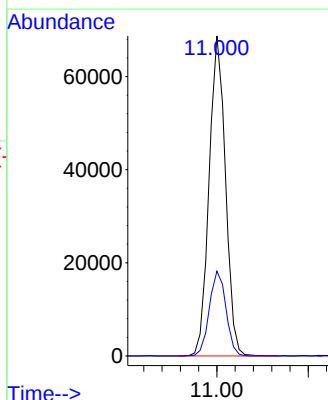
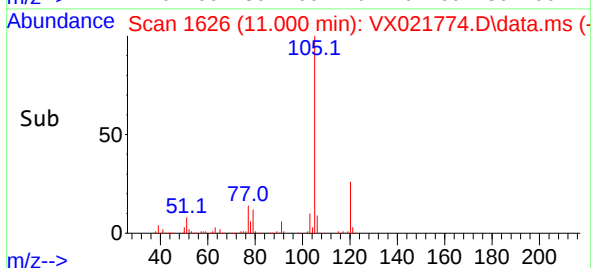
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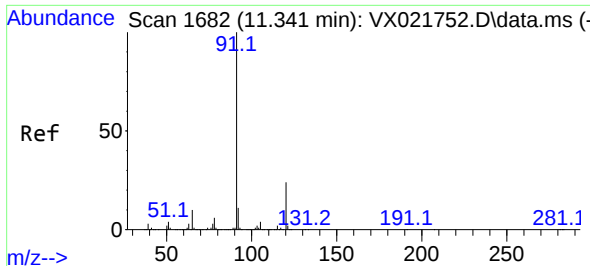


#73
Isopropylbenzene
Concen: 13.74 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX021774.D
Acq: 20 Apr 2021 23:22



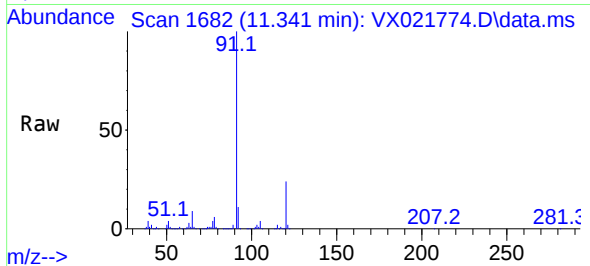
Tgt Ion:105 Resp: 85219
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.6





#78
n-propylbenzene
Concen: 28.08 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VX021774.D
Acq: 20 Apr 2021 23:22

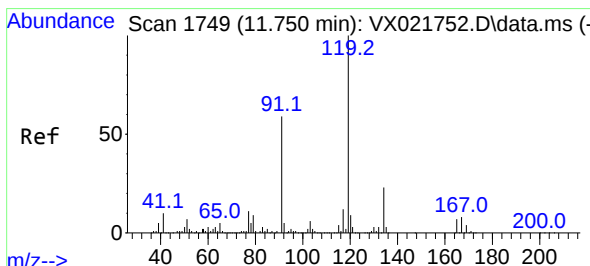
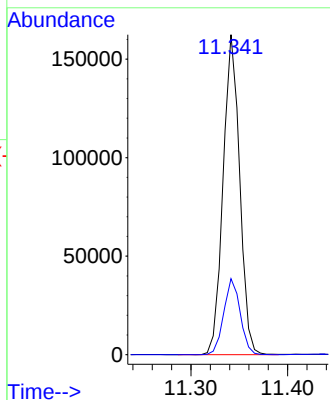
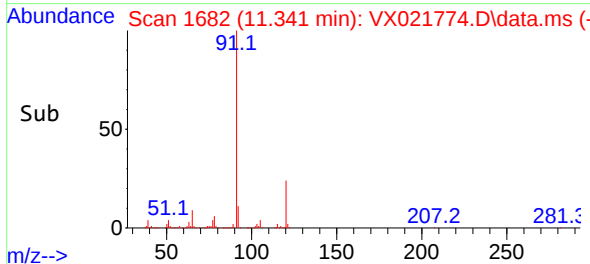
Instrument :
MSVOA_X
ClientSampled :
MW-06



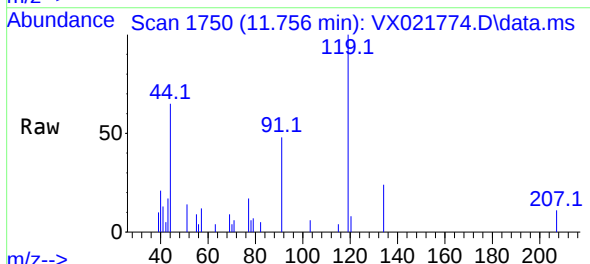
Tgt Ion: 91 Resp: 192659
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.5

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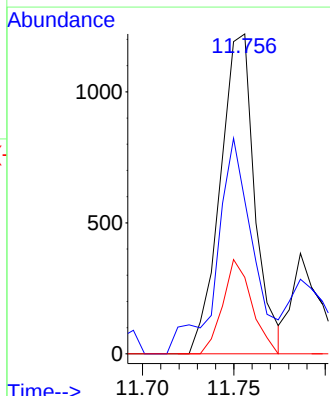
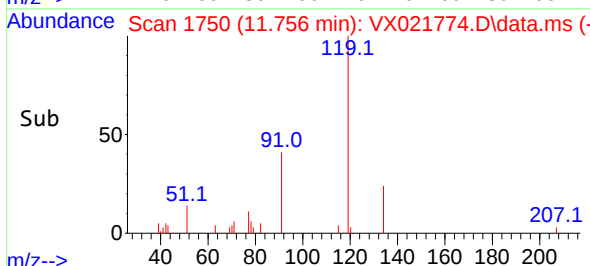
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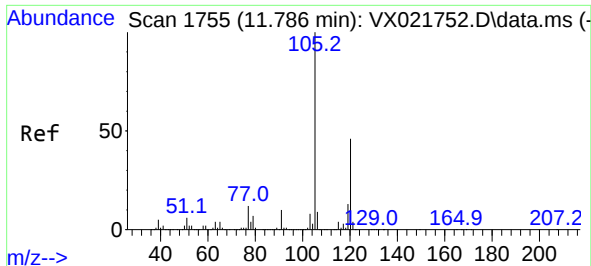


#83
tert-Butylbenzene
Concen: 0.31 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX021774.D
Acq: 20 Apr 2021 23:22



Tgt Ion: 119 Resp: 1609
Ion Ratio Lower Upper
119 100
91 69.9 27.9 83.7
134 24.7 11.3 33.9





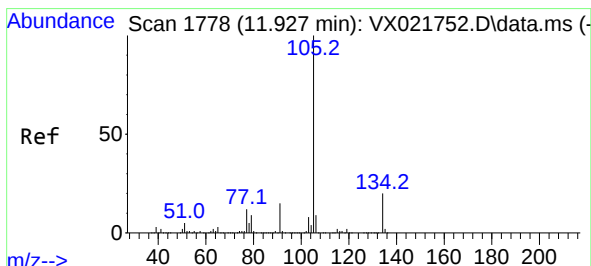
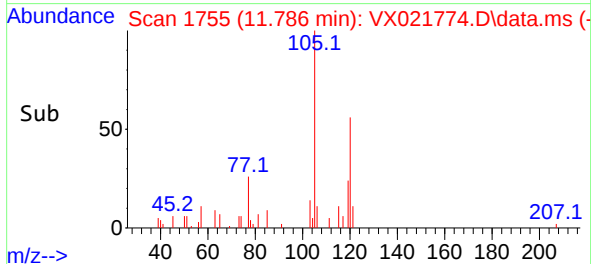
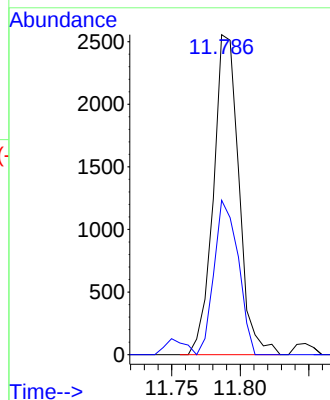
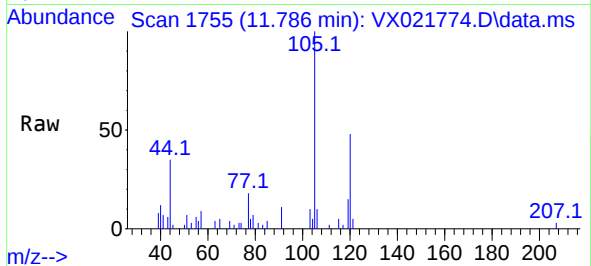
#84
1,2,4-Trimethylbenzene
Concen: 0.62 ug/l
RT: 11.786 min Scan# 1755
Delta R.T. 0.000 min
Lab File: VX021774.D
Acq: 20 Apr 2021 23:22

Tgt Ion:105 Resp: 3302
Ion Ratio Lower Upper
105 100
120 45.6 22.4 67.3

Instrument :
MSVOA_X
ClientSampleId :
MW-06

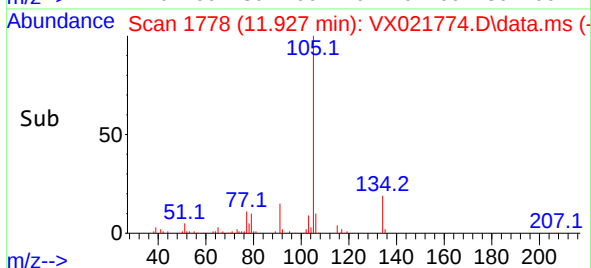
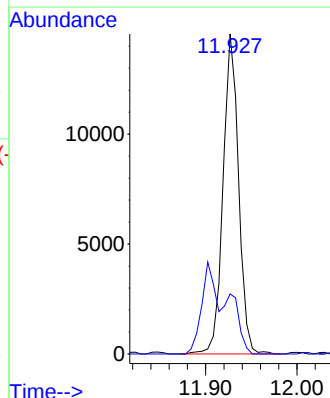
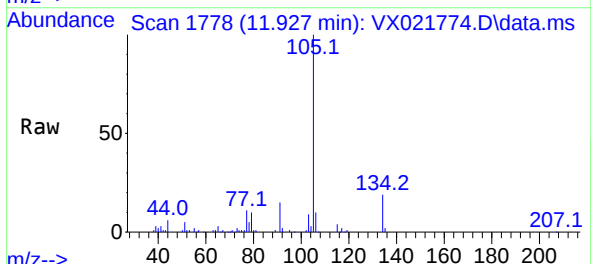
Manual Integrations
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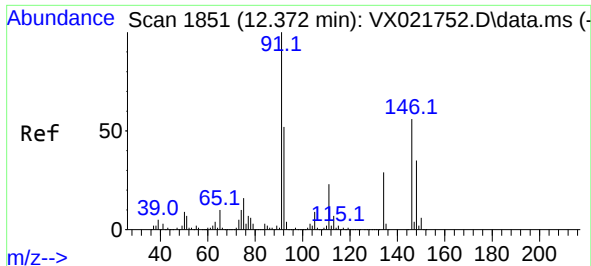
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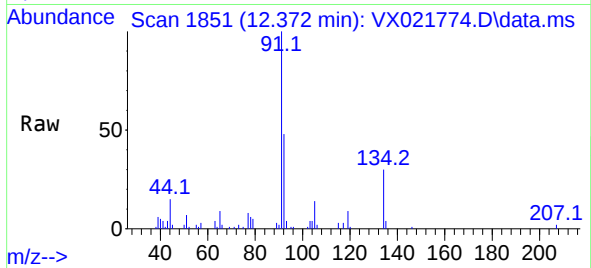
#85
sec-Butylbenzene
Concen: 2.86 ug/l
RT: 11.927 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VX021774.D
Acq: 20 Apr 2021 23:22

Tgt Ion:105 Resp: 17221
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#

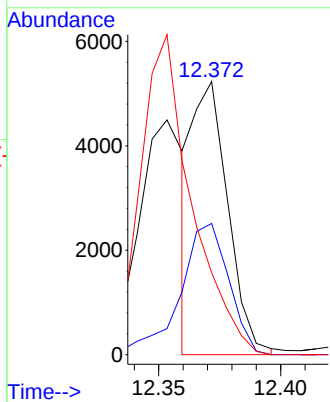
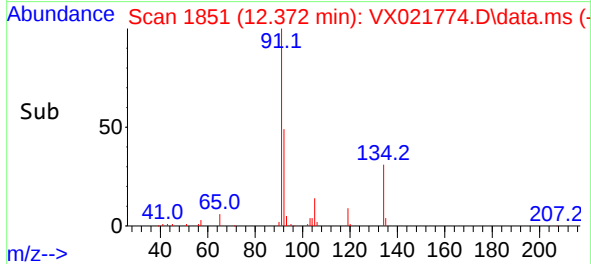




#89
n-Butylbenzene
Concen: 1.09 ug/l m
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX021774.D
Acq: 20 Apr 2021 23:22



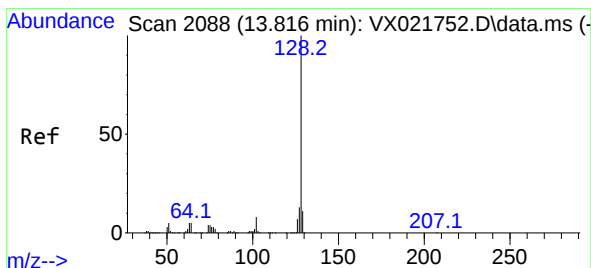
Tgt Ion: 91 Resp: 5263
Ion Ratio Lower Upper
91 100
92 66.6 27.4 82.0
134 168.0 13.2 39.5#



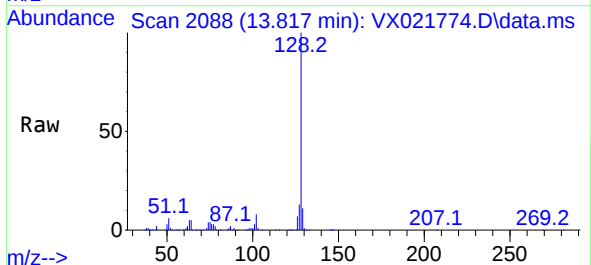
Instrument :
MSVOA_X
ClientSampled :
MW-06

Manual Integrations
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#95
Naphthalene
Concen: 11.98 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. 0.001 min
Lab File: VX021774.D
Acq: 20 Apr 2021 23:22



Tgt Ion: 128 Resp: 71397
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.4 8.8 13.2

