

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
 Data File : VX021798.D
 Acq On : 21 Apr 2021 17:20
 Operator : JC/MD
 Sample : M2079-02DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08DL

Manual Integrations
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Quant Time: Apr 22 09:00:00 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	160171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	274049	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	252097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	121824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	93604	51.51	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.02%			
35) Dibromofluoromethane	5.464	113	86372	49.28	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.56%			
50) Toluene-d8	8.695	98	332634	49.36	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.72%			
62) 4-Bromofluorobenzene	11.116	95	122236	48.57	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.14%			
Target Compounds					Qvalue	
31) Cyclohexane	5.550	56	1616	0.63	ug/l #	89
39) Methylcyclohexane	7.440	83	2572	0.82	ug/l	95
40) Benzene	6.117	78	8414	1.17	ug/l	93
52) Toluene	8.762	92	9580	2.05	ug/l	94
67) Ethyl Benzene	10.232	91	298854	33.17	ug/l	100
68) m/p-Xylenes	10.341	106	405330	116.28	ug/l	97
69) o-Xylene	10.683	106	223736	66.57	ug/l	97
73) Isopropylbenzene	11.000	105	18649	2.18	ug/l	99
78) n-propylbenzene	11.341	91	49680	5.26	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	102465	14.15	ug/l	97
84) 1,2,4-Trimethylbenzene	11.792	105	480662	65.75	ug/l	97
86) p-Isopropyltoluene	12.049	119	2019m	0.26	ug/l	
95) Naphthalene	13.816	128	149834	18.25	ug/l	100

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

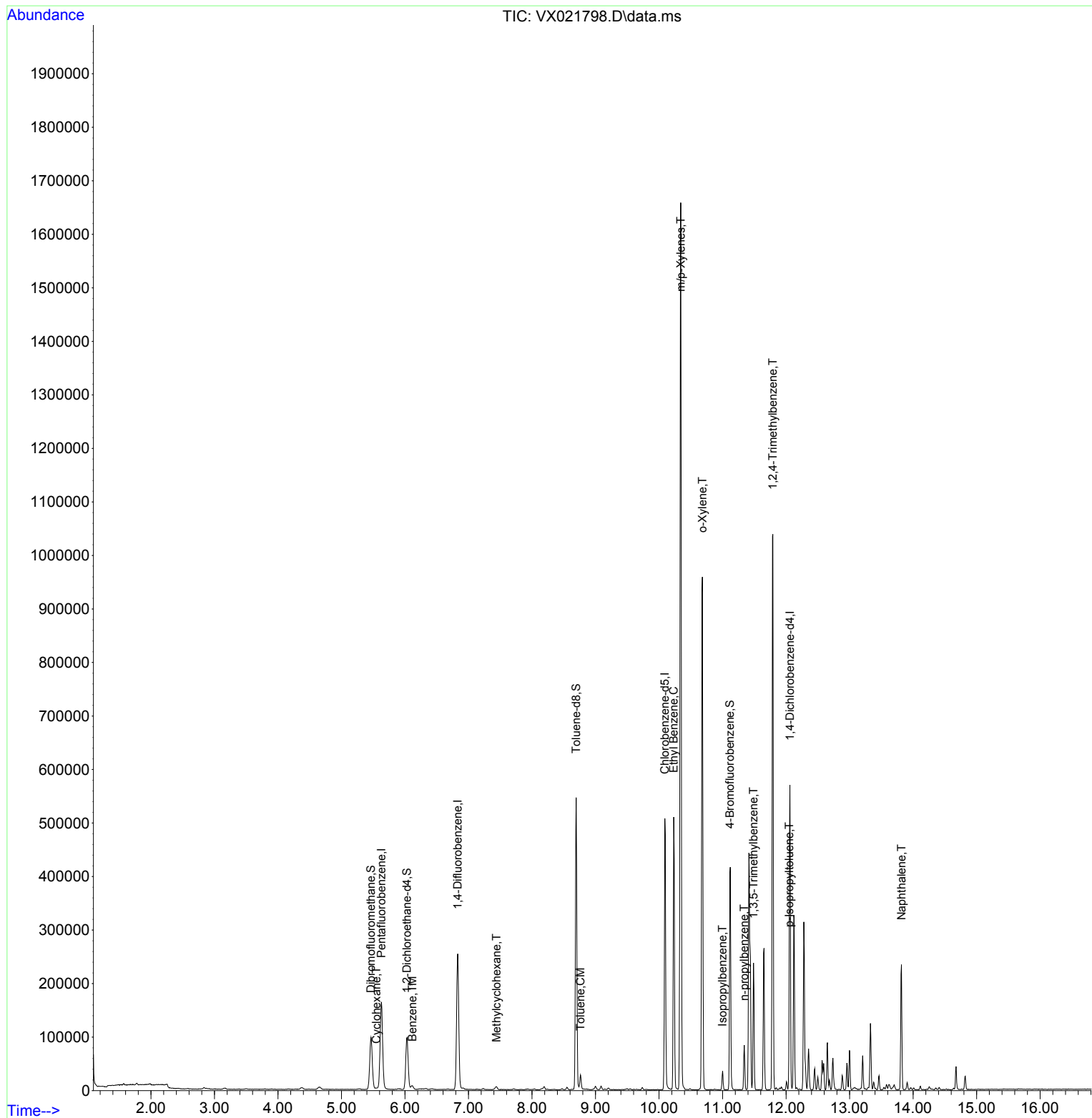
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Data File : VX021798.D
Acq On : 21 Apr 2021 17:20
Operator : JC/MD
Sample : M2079-02DL 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

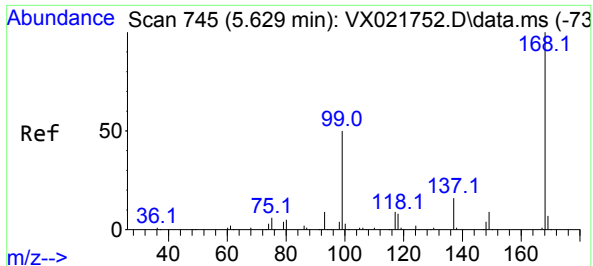
Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations
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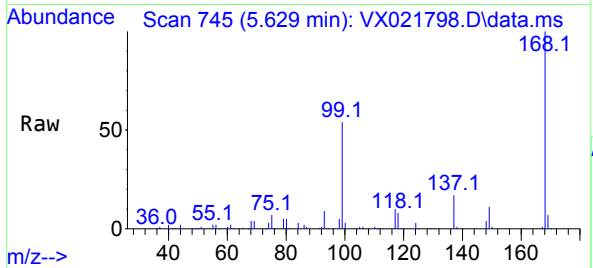
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Quant Time: Apr 22 09:00:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
Response via : Initial Calibration

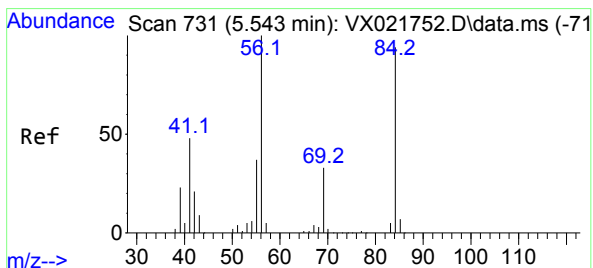
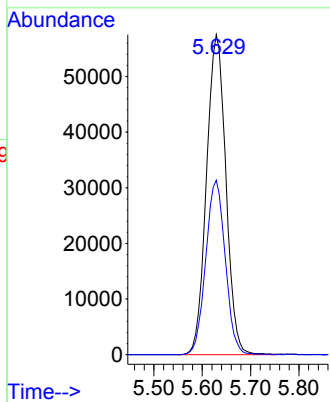
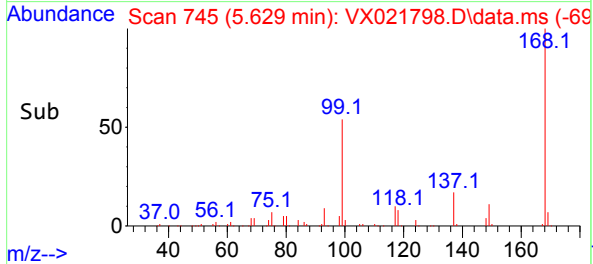




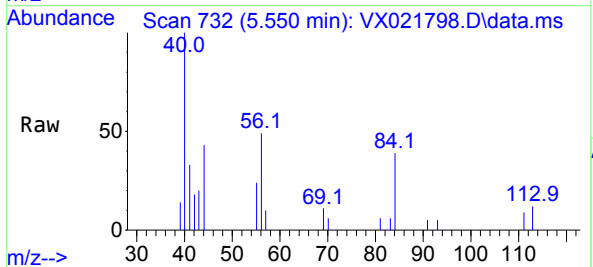
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20



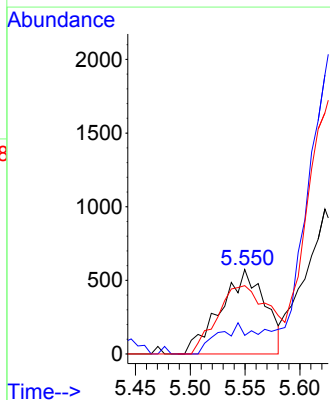
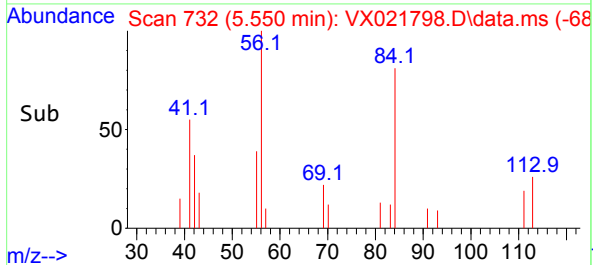
Tgt Ion:168 Resp: 160171
Ion Ratio Lower Upper
168 100
99 54.5 45.8 68.6



#31
Cyclohexane
Concen: 0.63 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.007 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20



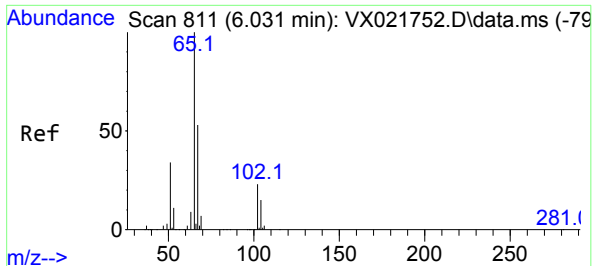
Tgt Ion: 56 Resp: 1616
Ion Ratio Lower Upper
56 100
69 22.0 25.3 37.9#
84 80.8 71.4 107.0



Instrument :
MSVOA_X
ClientSampled :
MW-08DL

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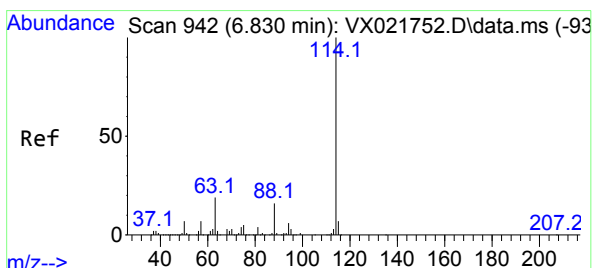
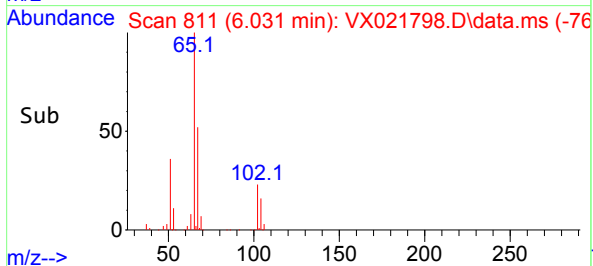
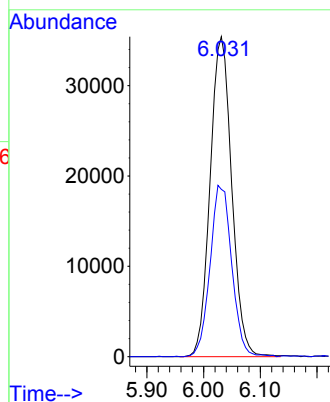
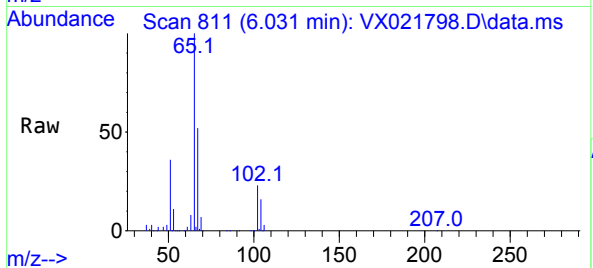
#33
1,2-Dichloroethane-d4
Concen: 51.51 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20

Tgt Ion: 65 Resp: 93604
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.4

Instrument :
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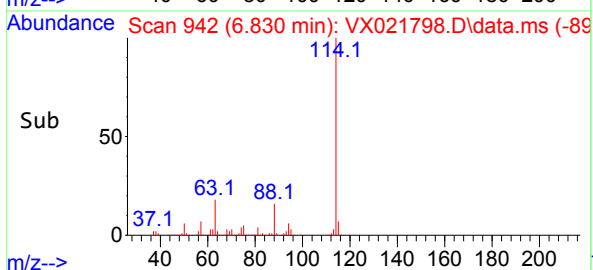
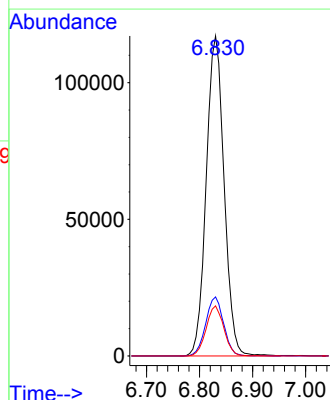
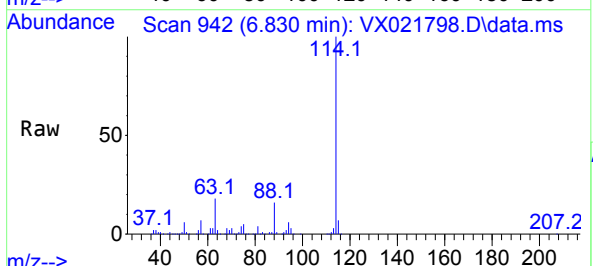
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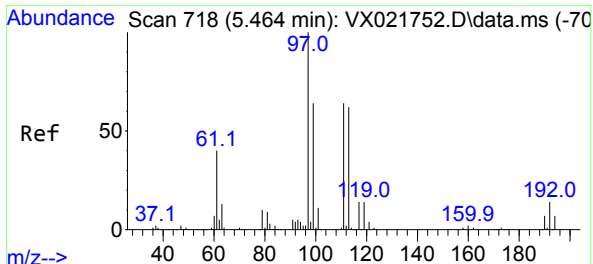
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20

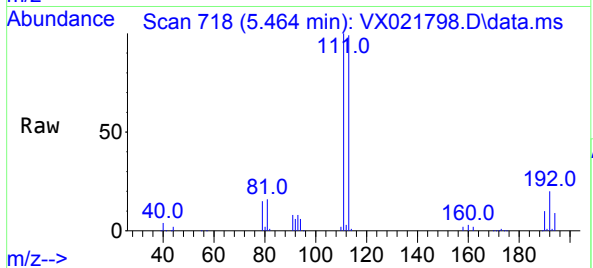
Tgt Ion: 114 Resp: 274049
Ion Ratio Lower Upper
114 100
63 18.4 0.0 40.8
88 15.7 0.0 32.8





#35
Dibromofluoromethane
Concen: 49.28 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20

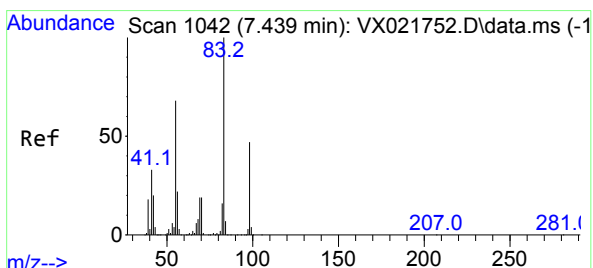
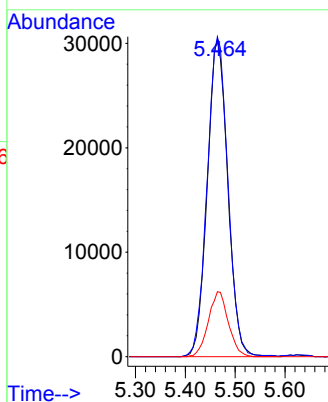
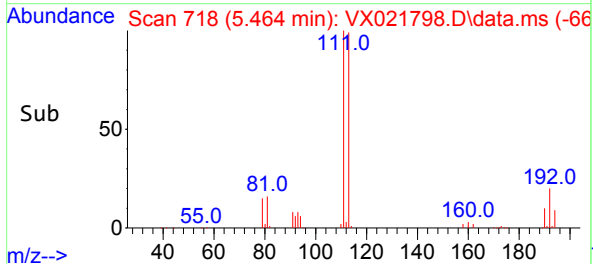
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL



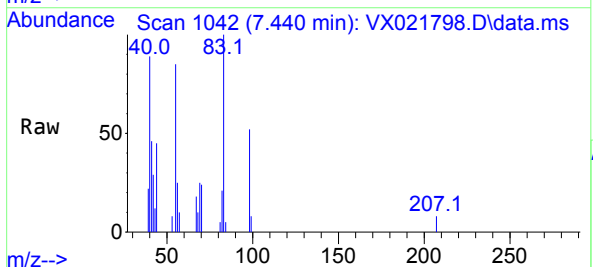
Tgt Ion: 113 Resp: 86372
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 20.0 16.7 25.1

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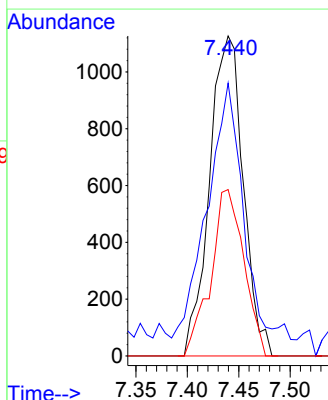
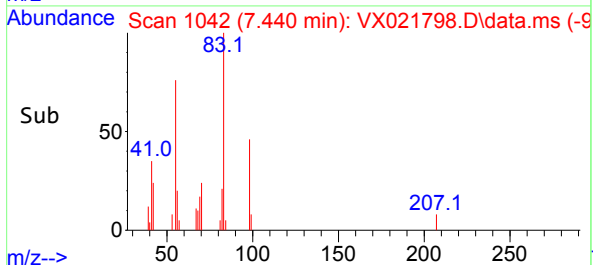
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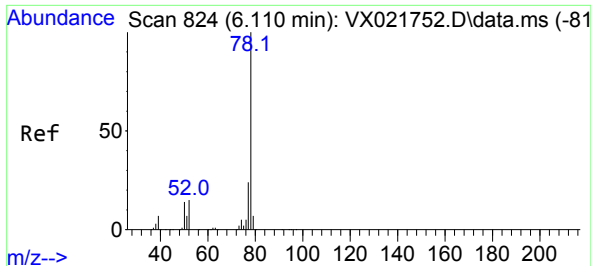


#39
Methylcyclohexane
Concen: 0.82 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.001 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20



Tgt Ion: 83 Resp: 2572
Ion Ratio Lower Upper
83 100
55 76.5 58.9 88.3
98 52.0 38.1 57.1





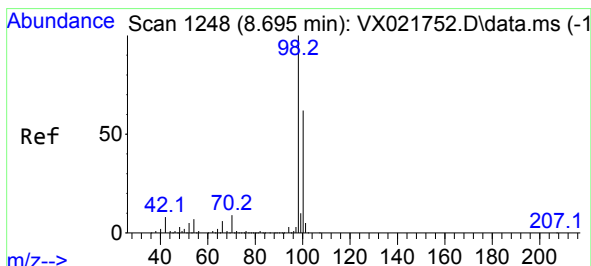
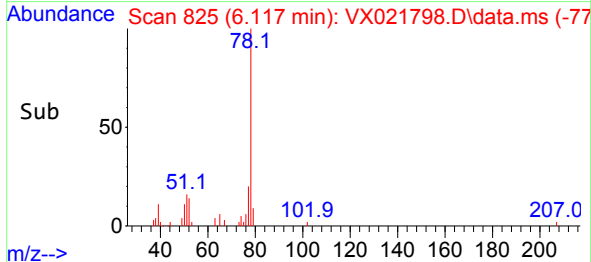
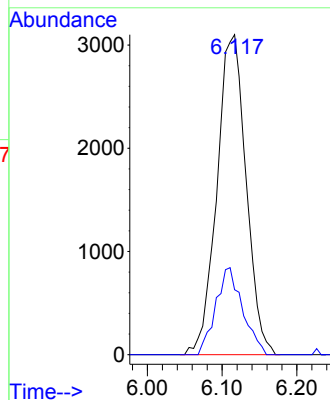
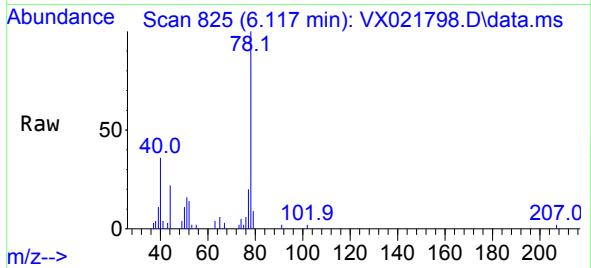
#40
Benzene
Concen: 1.17 ug/l
RT: 6.117 min Scan# 825
Delta R.T. 0.007 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20

Tgt Ion: 78 Resp: 8414
Ion Ratio Lower Upper
78 100
77 20.3 18.9 28.3

Instrument :
MSVOA_X
ClientSampled :
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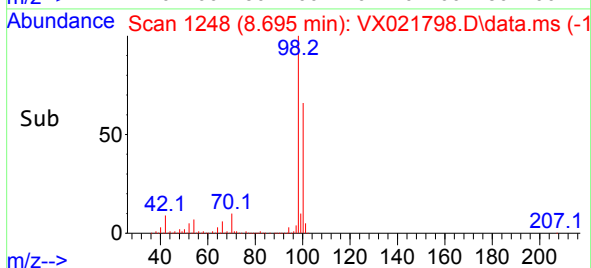
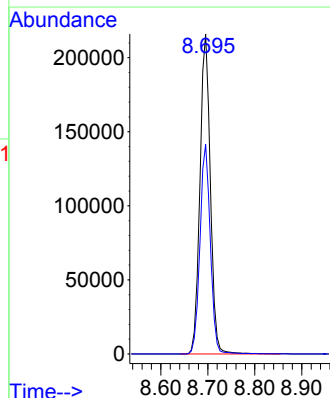
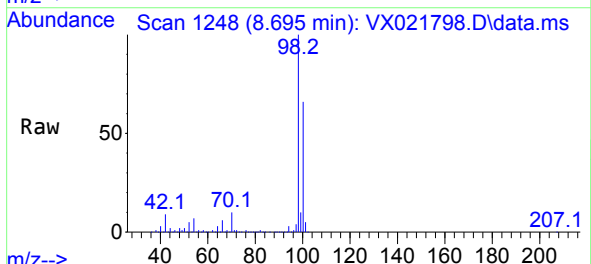
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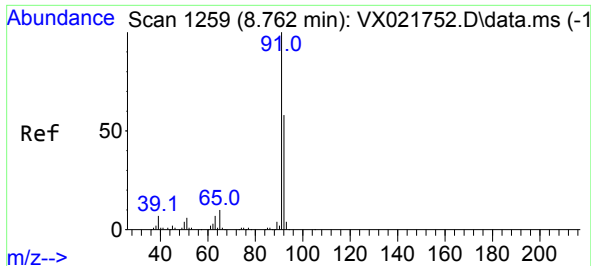
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#50
Toluene-d8
Concen: 49.36 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20

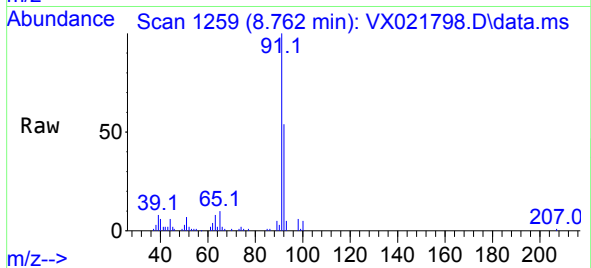
Tgt Ion: 98 Resp: 332634
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9





#52
Toluene
Concen: 2.05 ug/l
RT: 8.762 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20

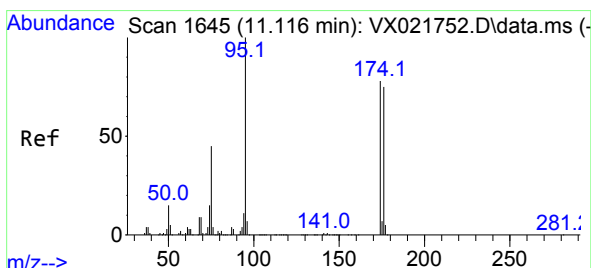
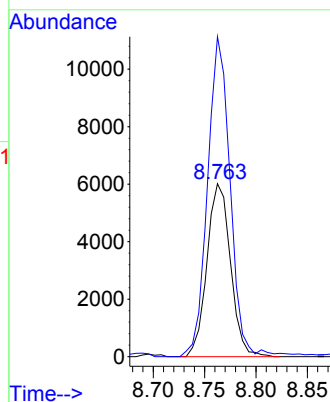
Instrument :
MSVOA_X
ClientSampled :
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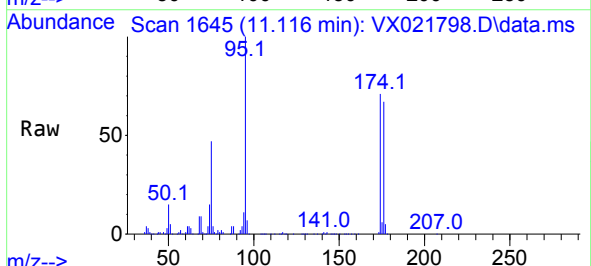
Tgt Ion: 92 Resp: 9580
Ion Ratio Lower Upper
92 100
91 179.7 137.1 205.7

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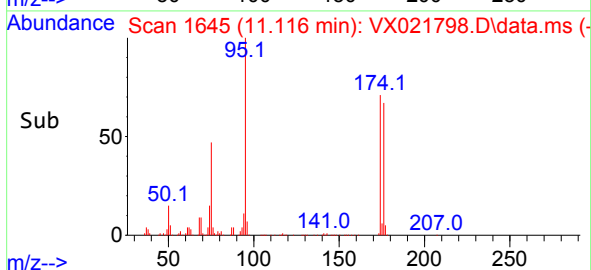
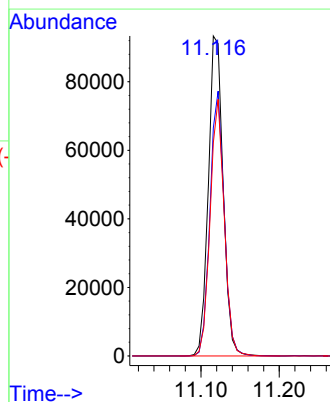
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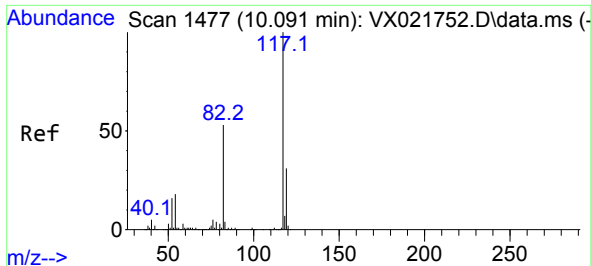


#62
4-Bromofluorobenzene
Concen: 48.57 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20



Tgt Ion: 95 Resp: 122236
Ion Ratio Lower Upper
95 100
174 79.4 0.0 154.6
176 76.3 0.0 155.8





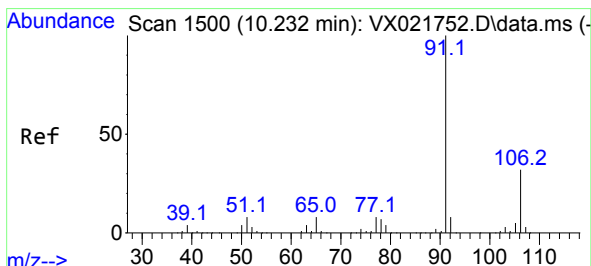
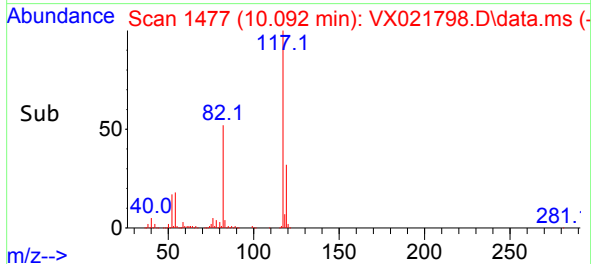
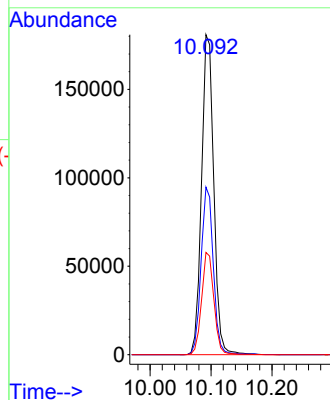
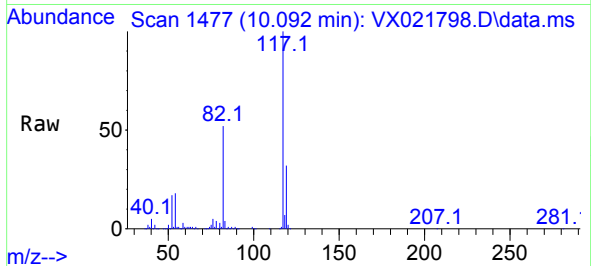
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Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20

Tgt Ion: 117 Resp: 252097
Ion Ratio Lower Upper
117 100
82 52.4 47.4 71.2
119 31.9 26.6 39.8

Instrument :
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MW-08DL

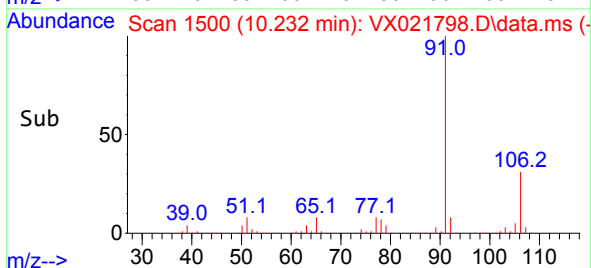
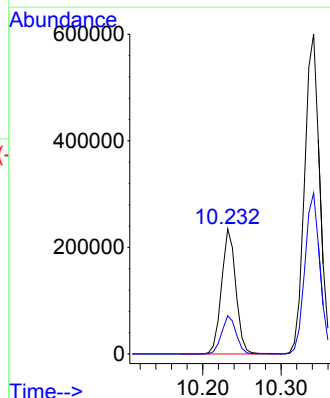
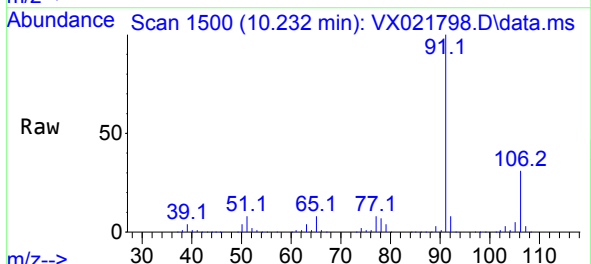
Manual Integrations
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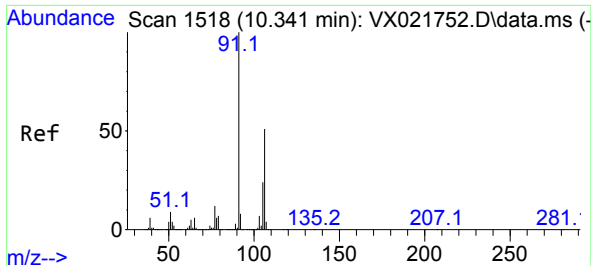
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#67
Ethyl Benzene
Concen: 33.17 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20

Tgt Ion: 91 Resp: 298854
Ion Ratio Lower Upper
91 100
106 30.5 24.6 37.0





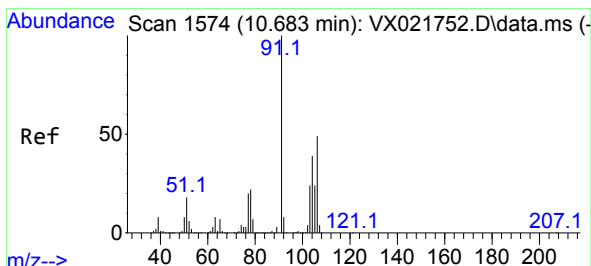
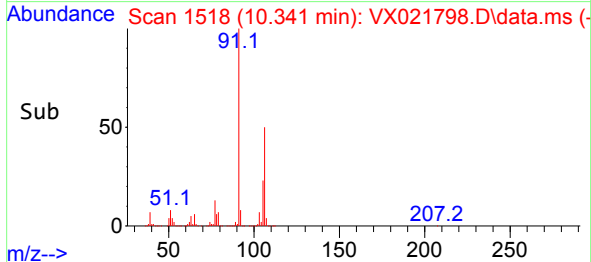
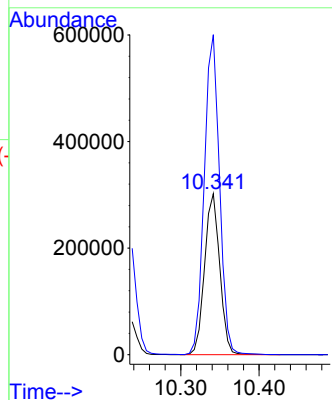
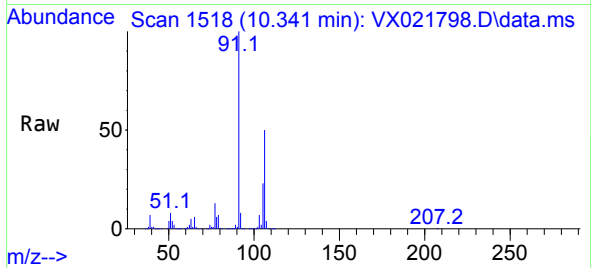
#68
m/p-Xylenes
Concen: 116.28 ug/l
RT: 10.341 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20

Tgt Ion:106 Resp: 405330
Ion Ratio Lower Upper
106 100
91 199.6 162.8 244.2

Instrument :
MSVOA_X
ClientSampled :
MW-08DL

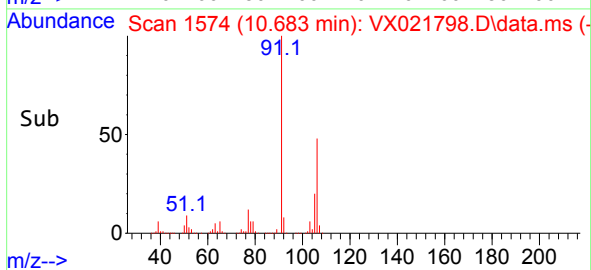
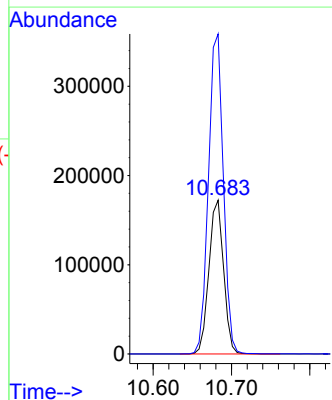
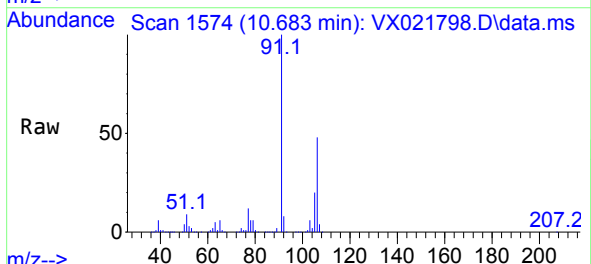
Manual Integrations
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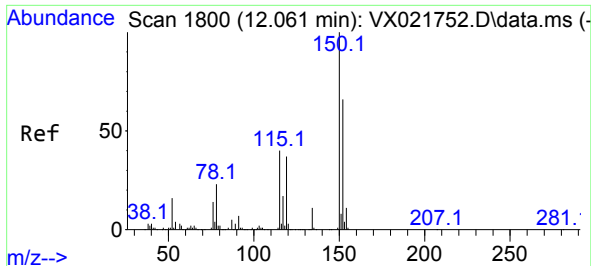
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#69
o-Xylene
Concen: 66.57 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20

Tgt Ion:106 Resp: 223736
Ion Ratio Lower Upper
106 100
91 211.2 108.1 324.2





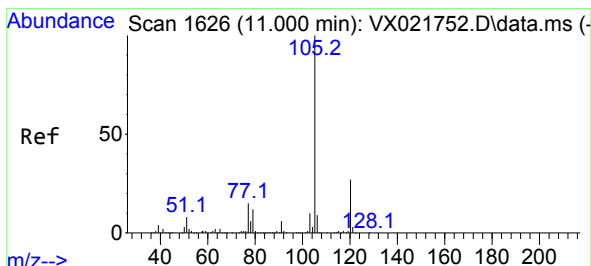
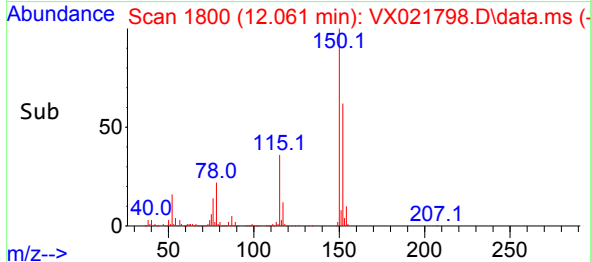
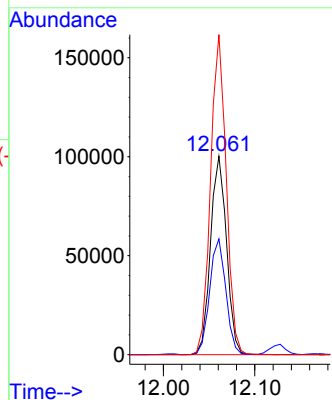
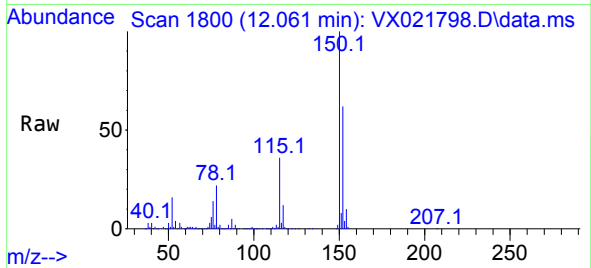
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20

Tgt Ion:152 Resp: 121824
Ion Ratio Lower Upper
152 100
115 58.6 41.1 123.3
150 157.5 0.0 349.0

Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

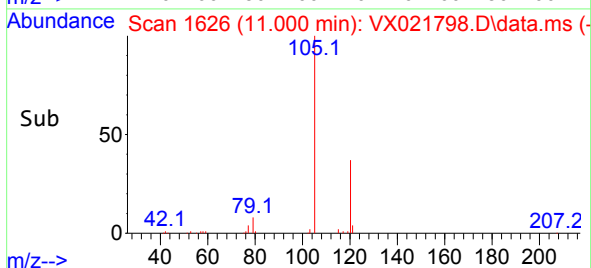
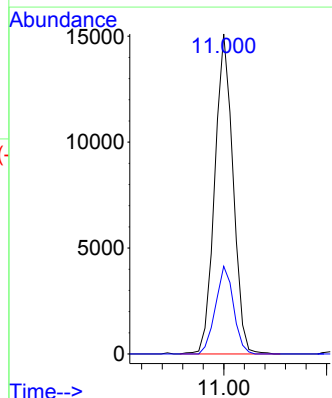
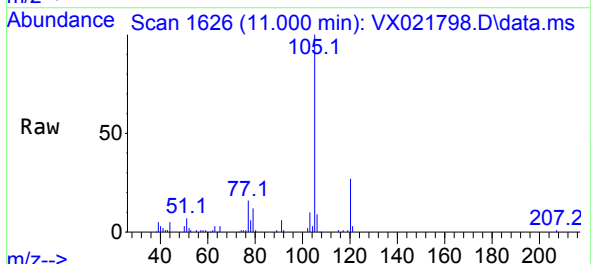
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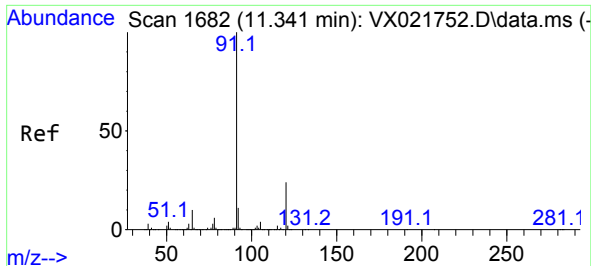
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#73
Isopropylbenzene
Concen: 2.18 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20

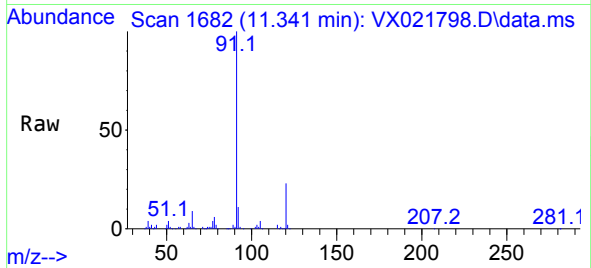
Tgt Ion:105 Resp: 18649
Ion Ratio Lower Upper
105 100
120 27.0 13.2 39.6





#78
n-propylbenzene
Concen: 5.26 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20

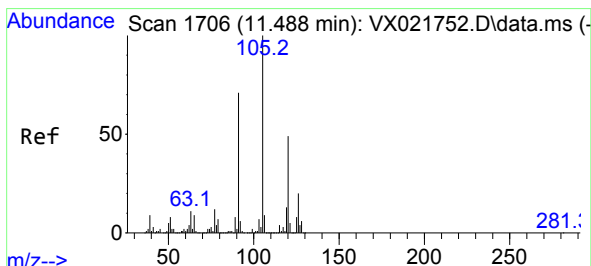
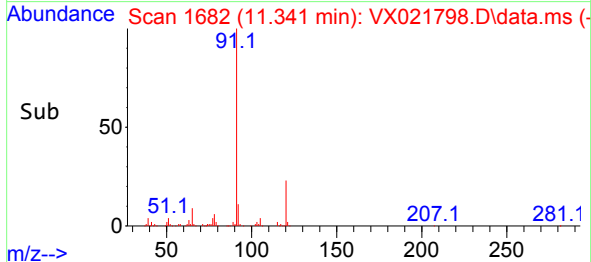
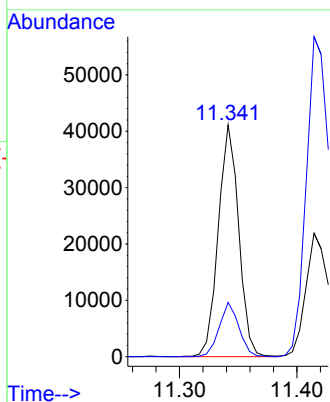
Instrument :
MSVOA_X
ClientSampled :
MW-08DL



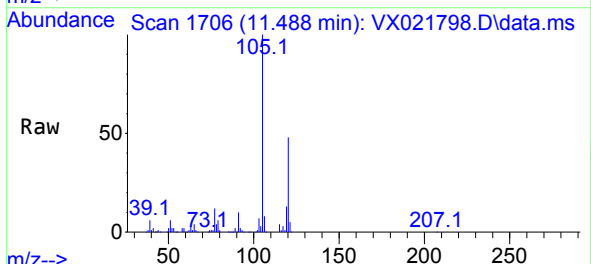
Tgt Ion: 91 Resp: 49680
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.5

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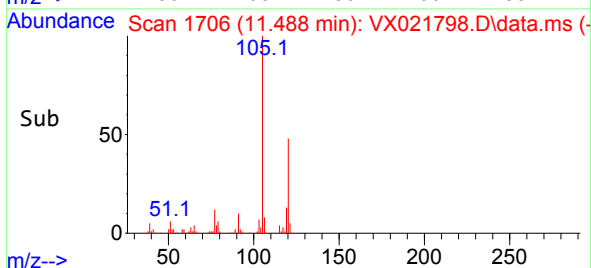
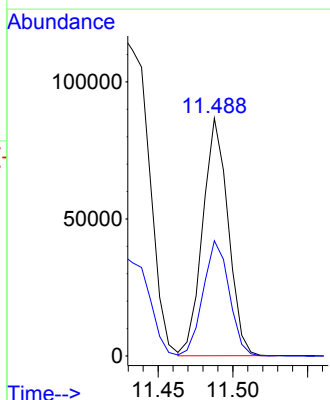
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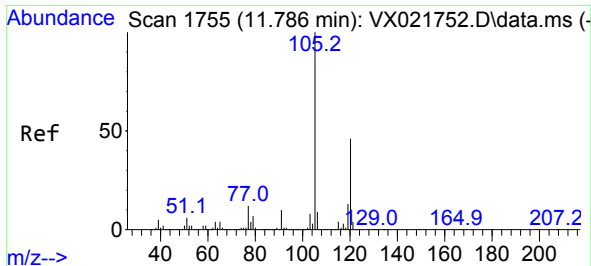


#80
1,3,5-Trimethylbenzene
Concen: 14.15 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20



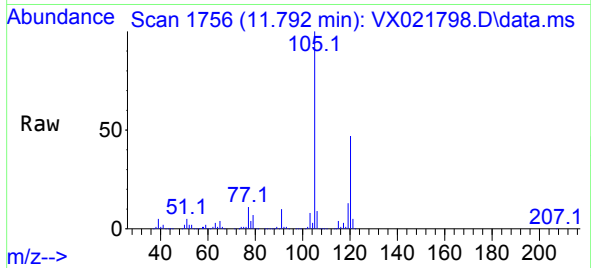
Tgt Ion: 105 Resp: 102465
Ion Ratio Lower Upper
105 100
120 49.7 23.8 71.5





#84
1,2,4-Trimethylbenzene
Concen: 65.75 ug/l
RT: 11.792 min Scan# 1756
Delta R.T. 0.006 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20

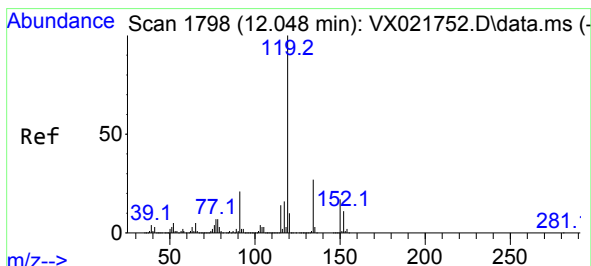
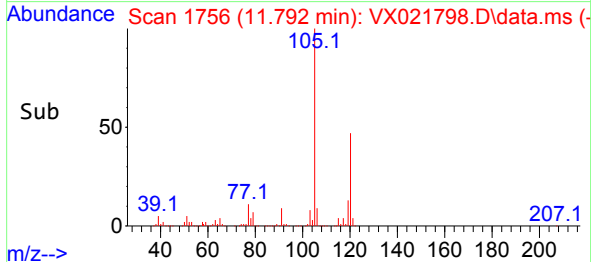
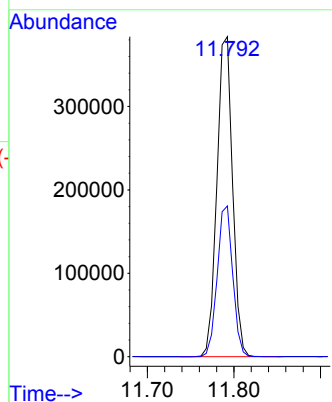
Instrument :
MSVOA_X
ClientSampled :
MW-08DL



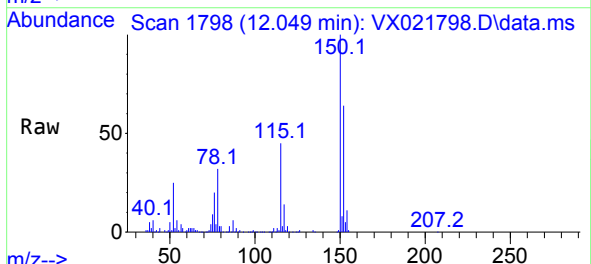
Tgt Ion:105 Resp: 480662
Ion Ratio Lower Upper
105 100
120 46.6 22.4 67.3

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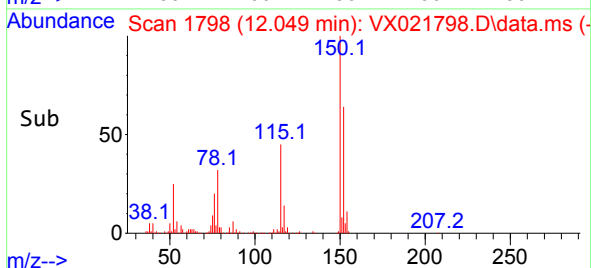
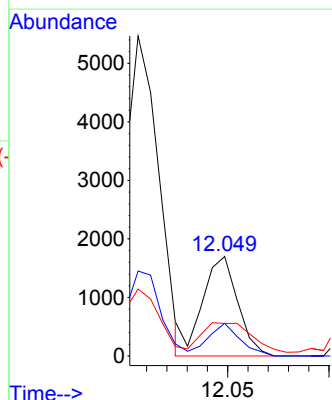
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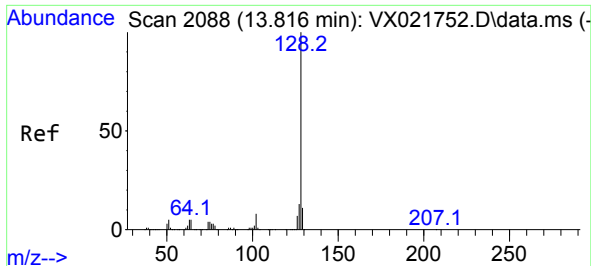


#86
p-Isopropyltoluene
Concen: 0.26 ug/l m
RT: 12.049 min Scan# 1798
Delta R.T. 0.001 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20



Tgt Ion:119 Resp: 2019
Ion Ratio Lower Upper
119 100
134 87.2 12.9 38.7#
91 76.6 11.7 35.0#





#95
Naphthalene
Concen: 18.25 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VX021798.D
Acq: 21 Apr 2021 17:20

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.1	8.8	13.2

Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

Manual Integrations
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