

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021547.D
 Acq On : 26 Mar 2021 22:48
 Operator : JC/MD
 Sample : M1806-03DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW5DL

Manual Integrations
 APPROVED

SAM
 3/30/2021 7:15:38 PM

Quant Time: Mar 27 04:33:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	64263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	115353	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	117107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	54091	50.59	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.18%			
35) Dibromofluoromethane	5.458	113	40106	48.95	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.90%			
50) Toluene-d8	8.694	98	146629	50.22	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.44%			
62) 4-Bromofluorobenzene	11.118	95	60317	53.13	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.26%			
Target Compounds					Qvalue	
16) Acetone	2.423	43	2814	6.96	ug/l #	77
25) 2-Butanone	4.646	43	2005	3.27	ug/l #	87
31) Cyclohexane	5.547	56	7030	5.98	ug/l	97
39) Methylcyclohexane	7.441	83	3452	2.75	ug/l	92
40) Benzene	6.111	78	28221	8.79	ug/l	98
52) Toluene	8.765	92	73719	37.19	ug/l	100
67) Ethyl Benzene	10.235	91	255491	59.58	ug/l	98
68) m/p-Xylenes	10.341	106	361610	236.70	ug/l	96
69) o-Xylene	10.683	106	128773	87.03	ug/l	95
73) Isopropylbenzene	11.000	105	10615	2.84	ug/l	98
78) n-propylbenzene	11.341	91	35224	7.98	ug/l	95
80) 1,3,5-Trimethylbenzene	11.489	105	64599	20.23	ug/l	98
84) 1,2,4-Trimethylbenzene	11.789	105	251623	78.18	ug/l	98
85) sec-Butylbenzene	11.930	105	1072m	0.30	ug/l	
95) Naphthalene	13.818	128	60685	17.50	ug/l	100

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

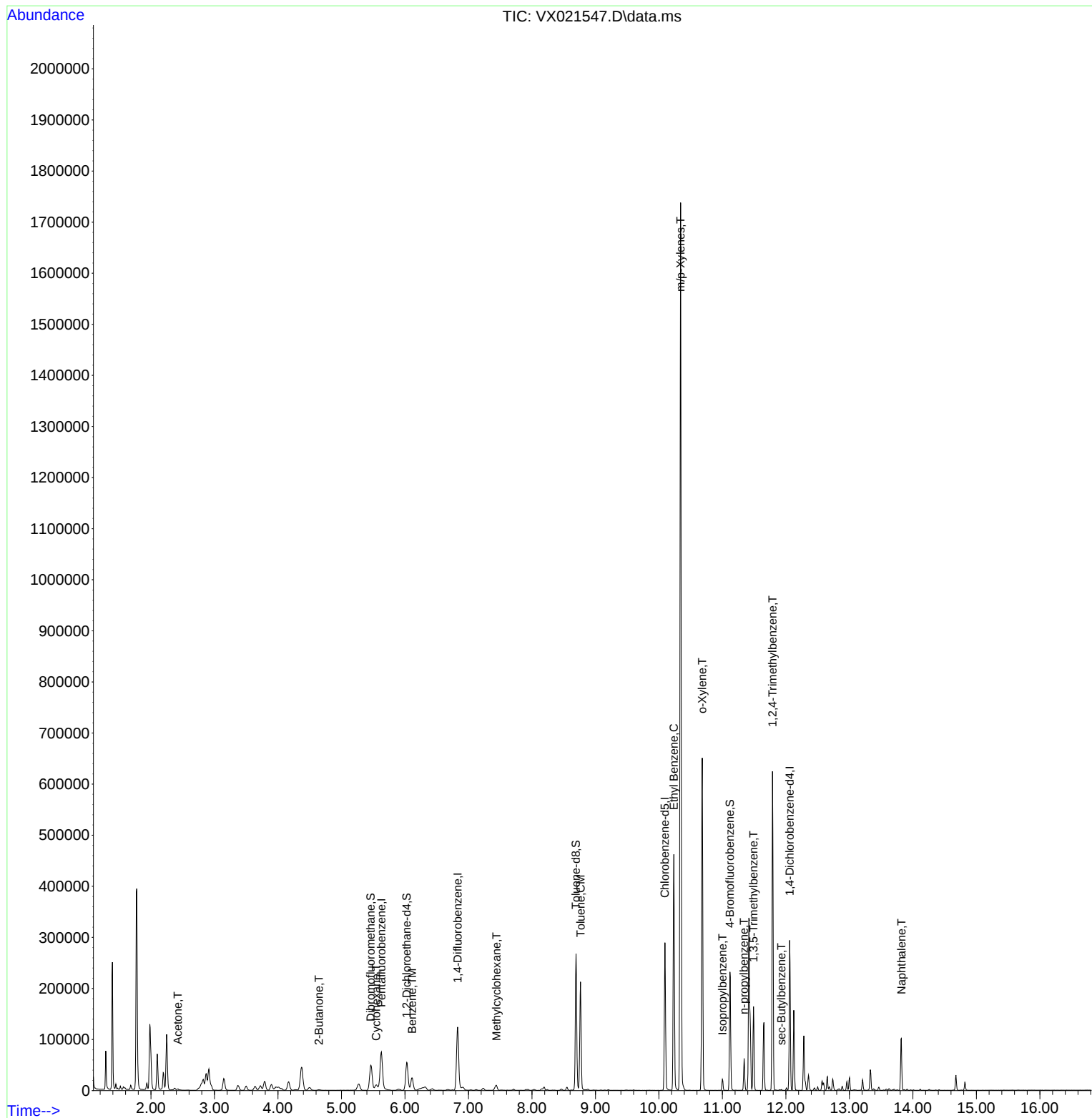
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Data File : VX021547.D
Acq On : 26 Mar 2021 22:48
Operator : JC/MD
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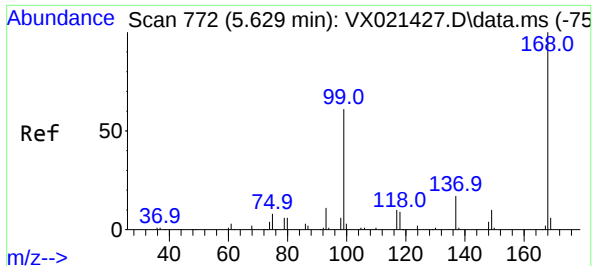
Instrument :
MSVOA_X
ClientSampleId :
MW5DL

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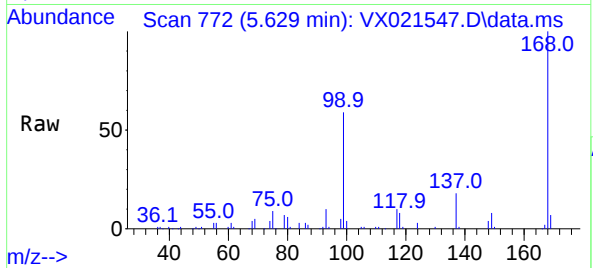
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Quant Time: Mar 27 04:33:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration

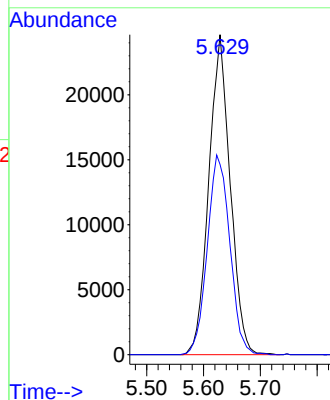
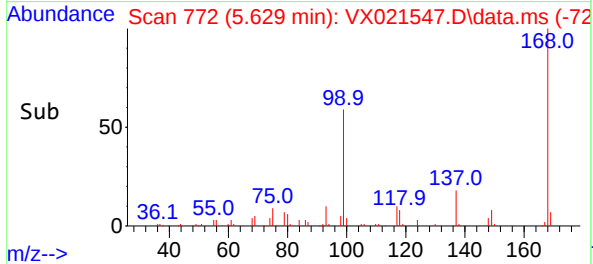




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48



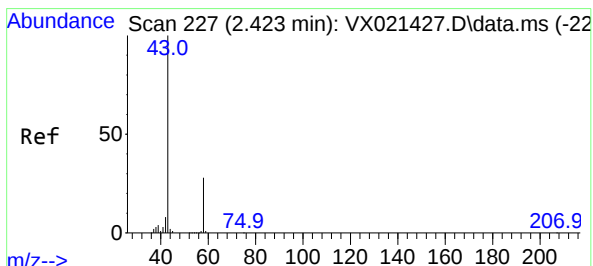
Tgt Ion:168 Resp: 64263
Ion Ratio Lower Upper
168 100
99 59.4 45.8 68.6



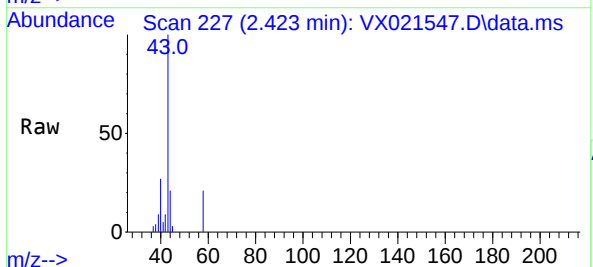
Instrument :
MSVOA_X
ClientSampled :
MW5DL

Manual Integrations
APPROVED

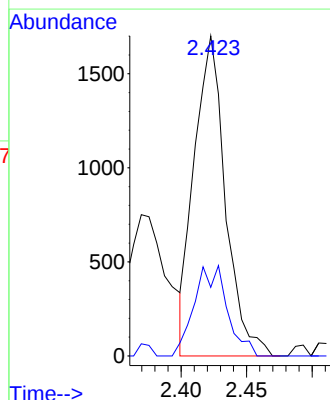
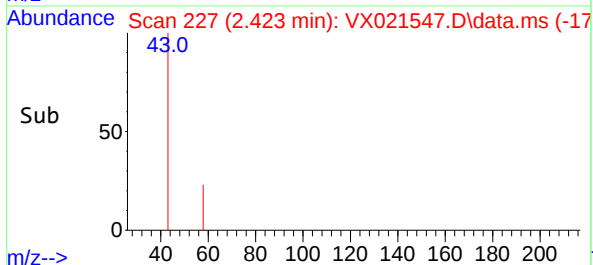
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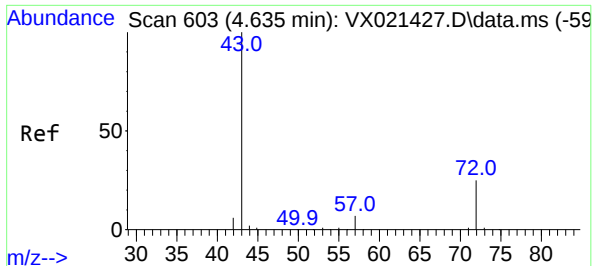


#16
Acetone
Concen: 6.96 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48



Tgt Ion: 43 Resp: 2814
Ion Ratio Lower Upper
43 100
58 21.5 27.8 41.8#





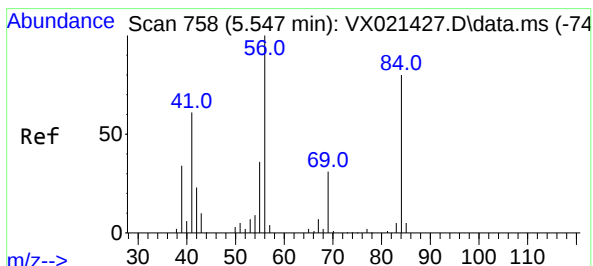
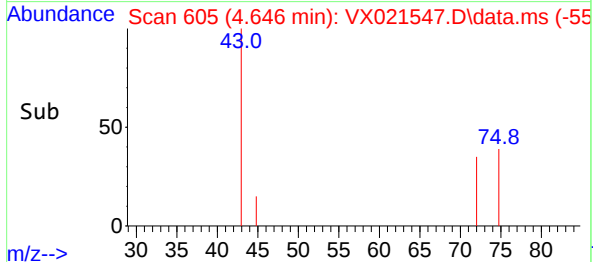
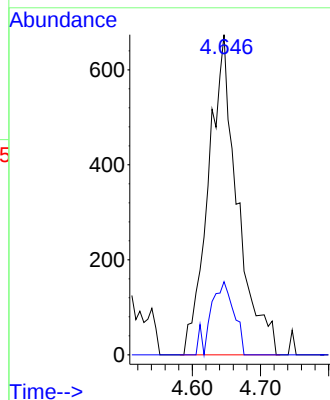
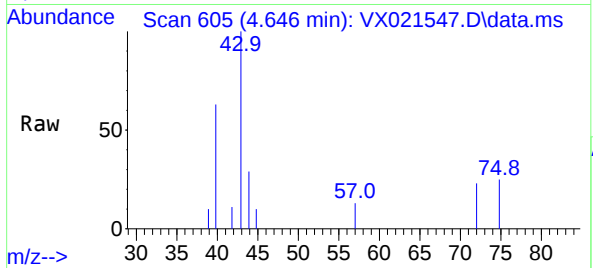
#25
2-Butanone
Concen: 3.27 ug/l
RT: 4.646 min Scan# 605
Delta R.T. 0.011 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48

Tgt Ion: 43 Resp: 2005
Ion Ratio Lower Upper
43 100
72 22.8 23.7 35.5#

Instrument :
MSVOA_X
ClientSampled :
MW5DL

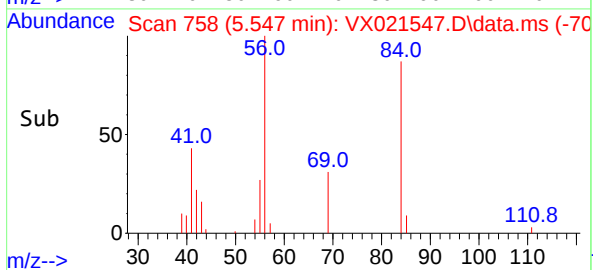
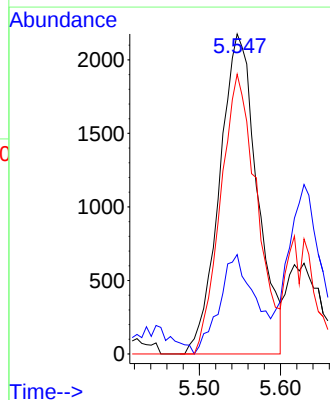
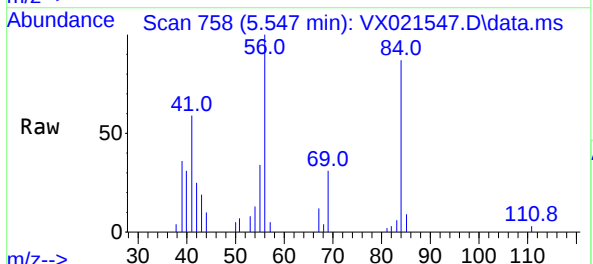
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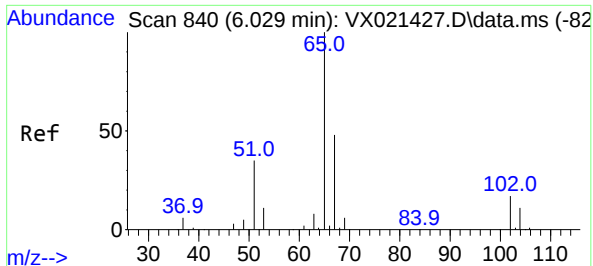
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#31
Cyclohexane
Concen: 5.98 ug/l
RT: 5.547 min Scan# 758
Delta R.T. -0.000 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48

Tgt Ion: 56 Resp: 7030
Ion Ratio Lower Upper
56 100
69 27.6 25.3 37.9
84 87.4 71.4 107.0





#33

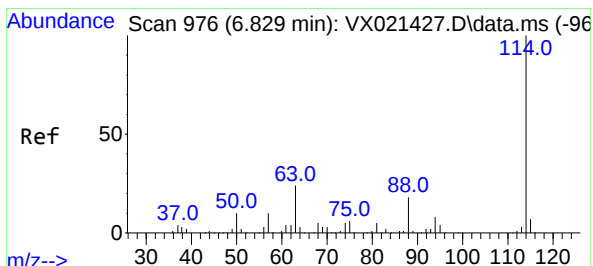
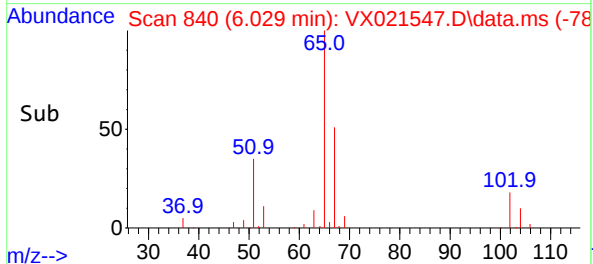
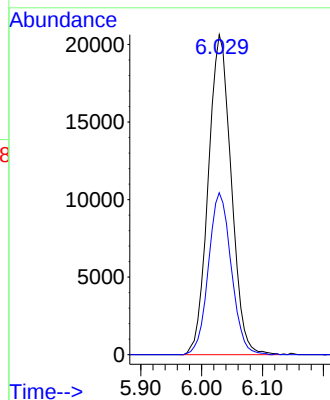
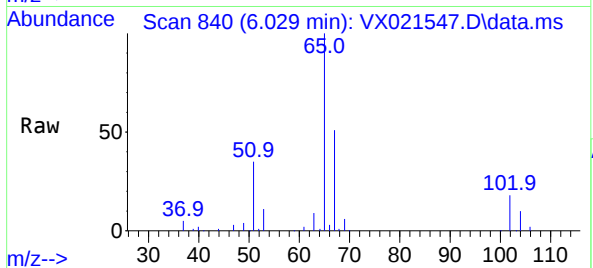
1,2-Dichloroethane-d4
Concen: 50.59 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48

Tgt Ion: 65 Resp: 54091
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

Instrument :
MSVOA_X
ClientSampled :
MW5DL

Manual Integrations
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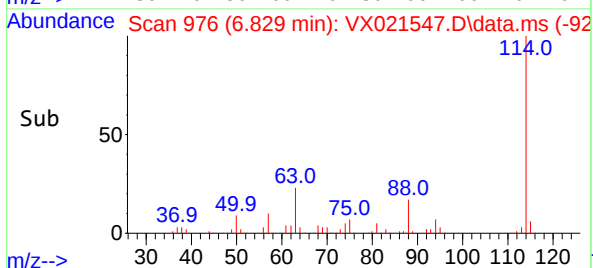
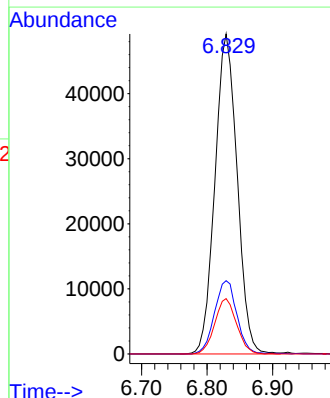
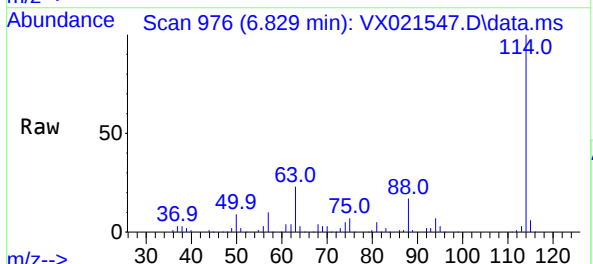
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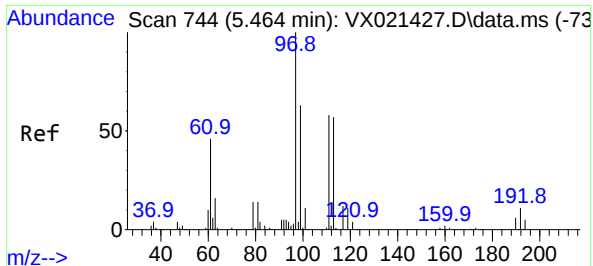


#34

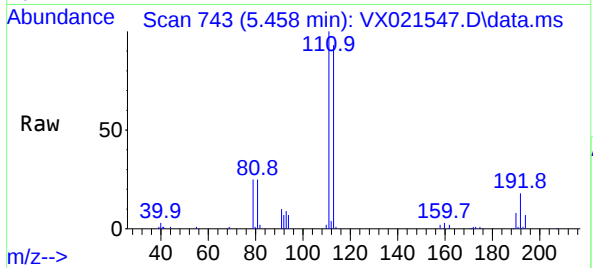
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48

Tgt Ion: 114 Resp: 115353
Ion Ratio Lower Upper
114 100
63 22.9 0.0 40.8
88 17.3 0.0 32.8

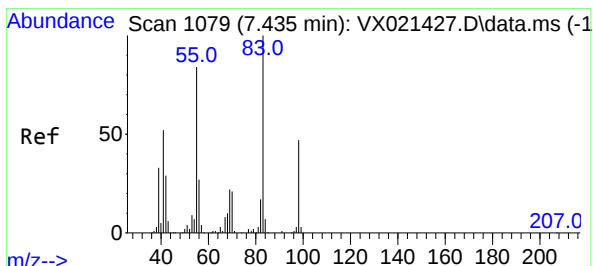
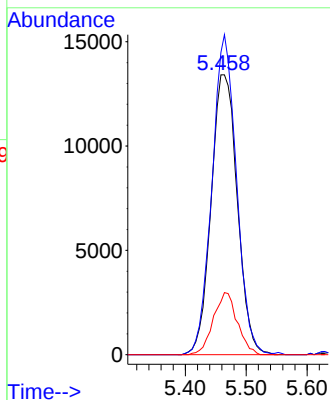
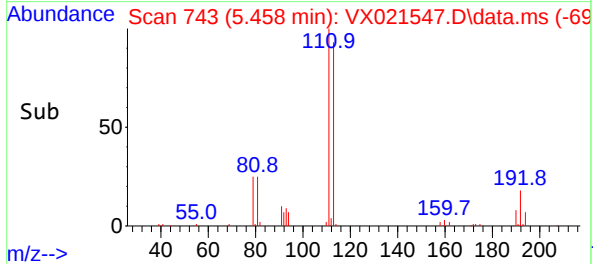




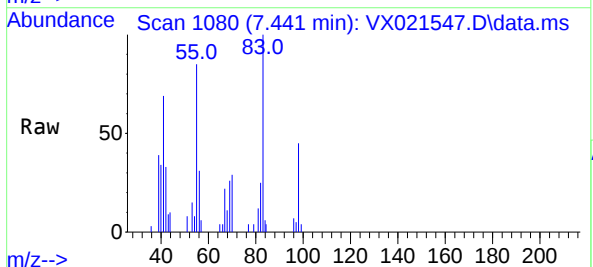
#35
Dibromofluoromethane
Concen: 48.95 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48



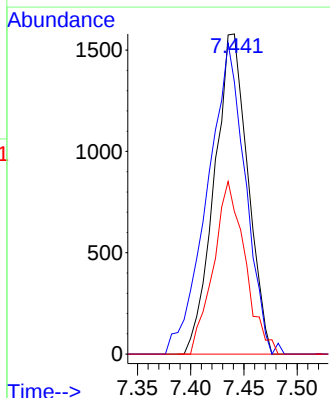
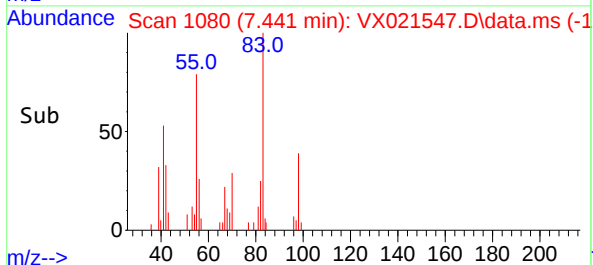
Tgt Ion:	113	Resp:	40106
Ion	Ratio	Lower	Upper
113	100		
111	106.7	81.9	122.9
192	20.3	16.7	25.1



#39
Methylcyclohexane
Concen: 2.75 ug/l
RT: 7.441 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48



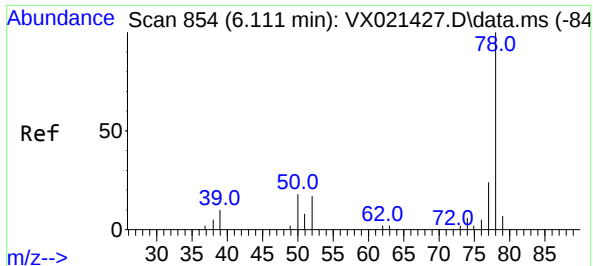
Tgt Ion:	83	Resp:	3452
Ion	Ratio	Lower	Upper
83	100		
55	81.7	58.9	88.3
98	44.6	38.1	57.1



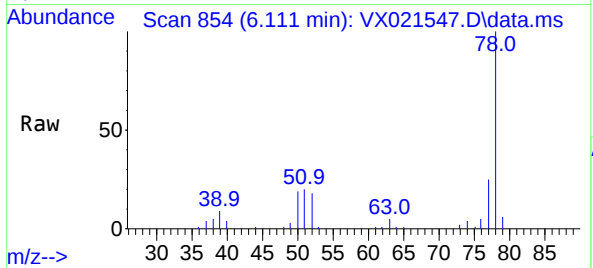
Instrument :
MSVOA_X
ClientSampleId :
MW5DL

Manual Integrations
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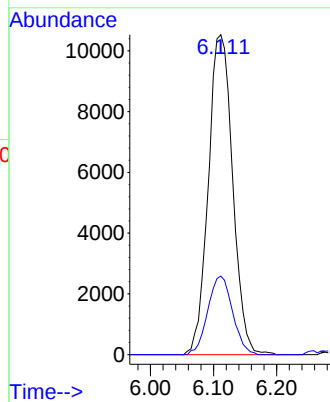
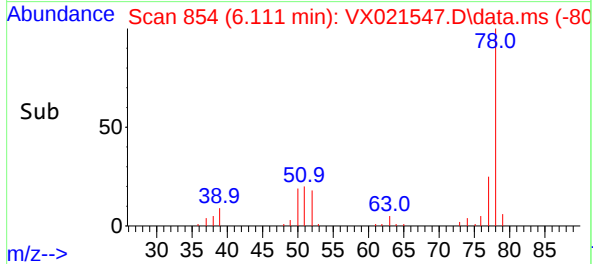
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#40
Benzene
Concen: 8.79 ug/l
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48



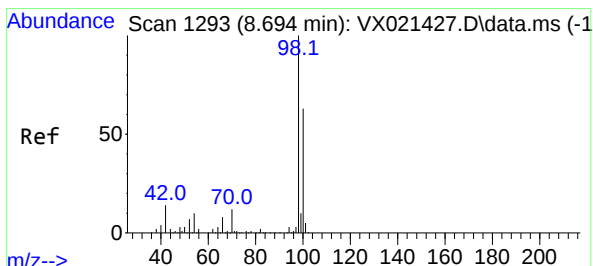
Tgt Ion: 78 Resp: 28221
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3



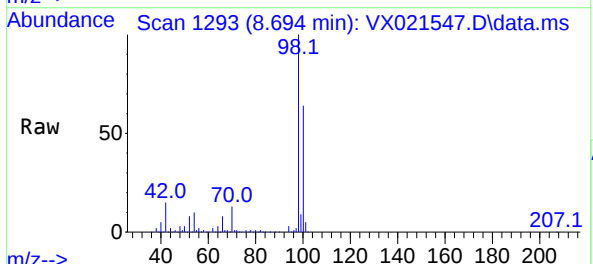
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MSVOA_X
ClientSampled :
MW5DL

Manual Integrations
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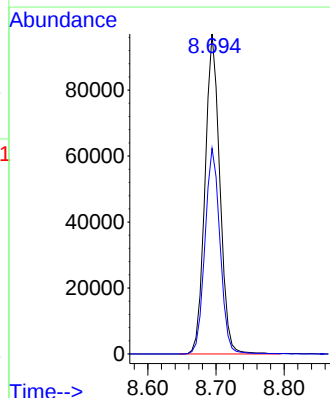
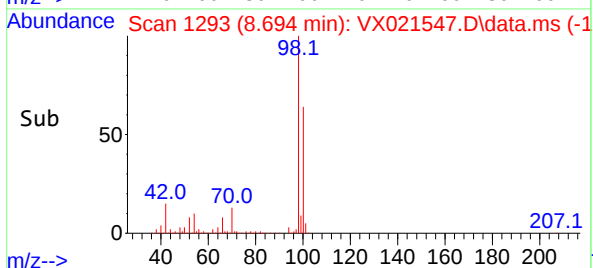
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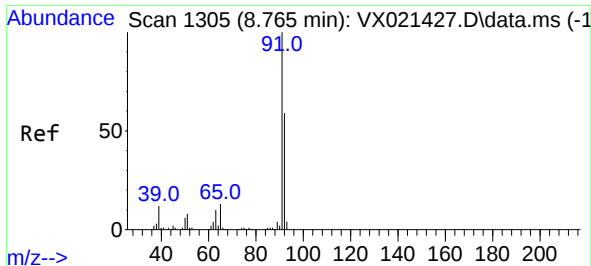


#50
Toluene-d8
Concen: 50.22 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48



Tgt Ion: 98 Resp: 146629
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9





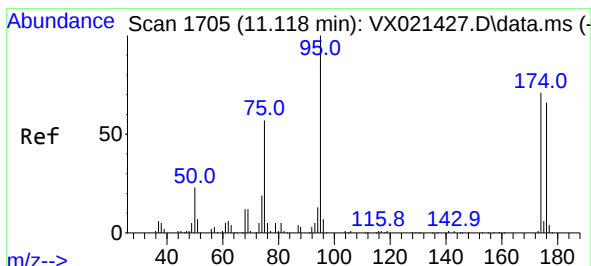
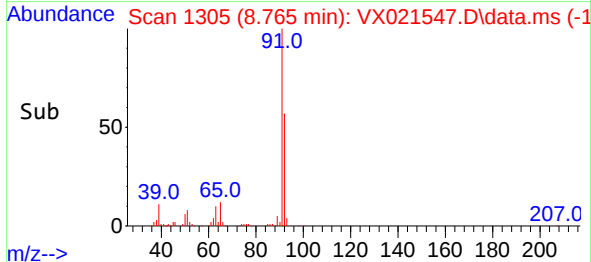
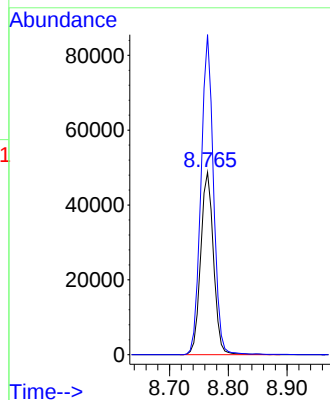
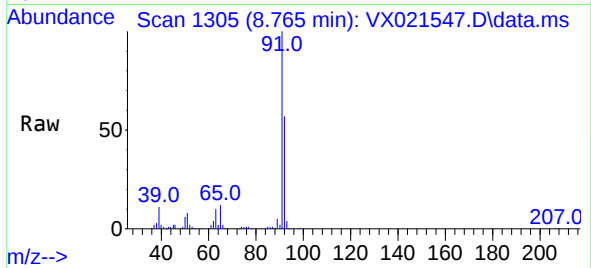
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Toluene
Concen: 37.19 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48

Tgt Ion: 92 Resp: 73719
Ion Ratio Lower Upper
92 100
91 170.9 137.1 205.7

Instrument :
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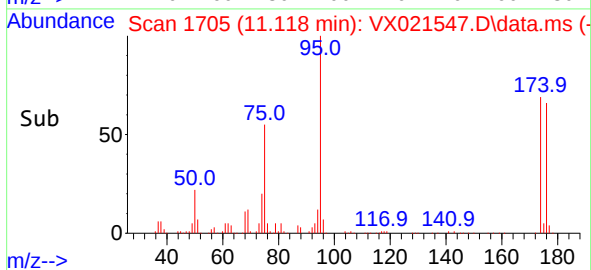
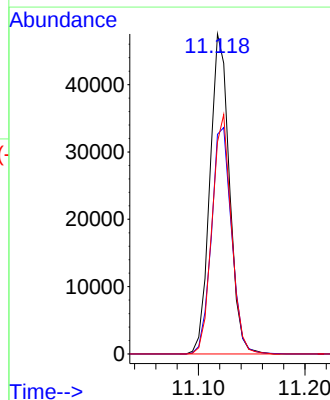
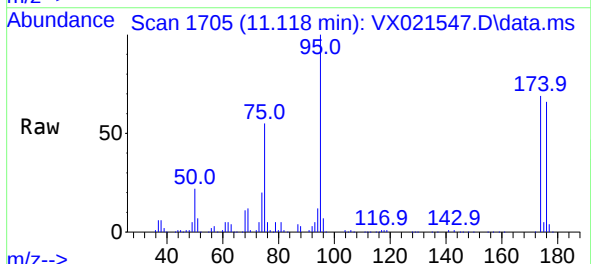
Manual Integrations
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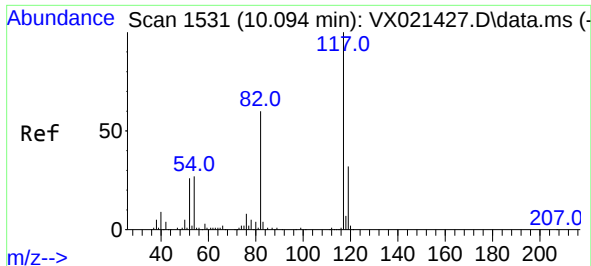
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#62
4-Bromofluorobenzene
Concen: 53.13 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48

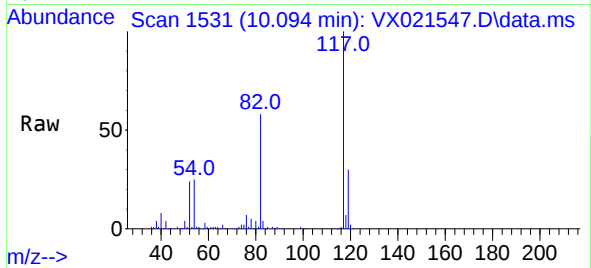
Tgt Ion: 95 Resp: 60317
Ion Ratio Lower Upper
95 100
174 73.2 0.0 154.6
176 73.5 0.0 155.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48

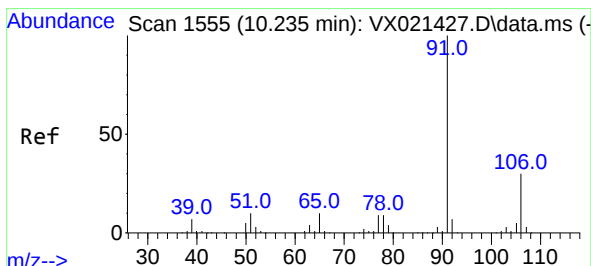
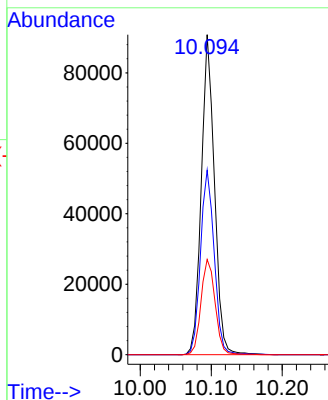
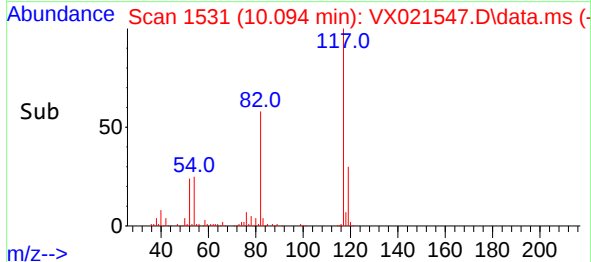
Instrument :
MSVOA_X
ClientSampled :
MW5DL



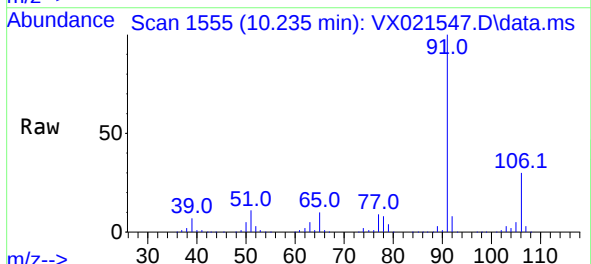
Tgt Ion:117 Resp: 117107
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 29.7 26.6 39.8

Manual Integrations
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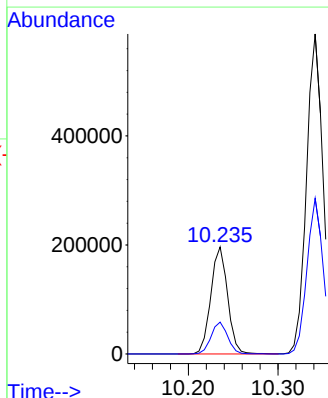
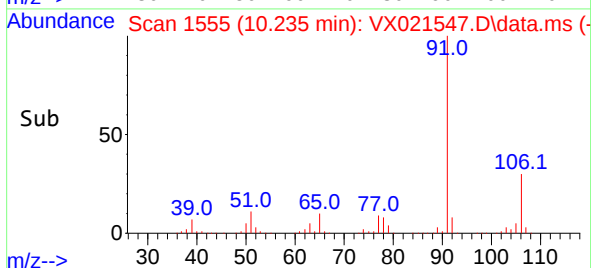
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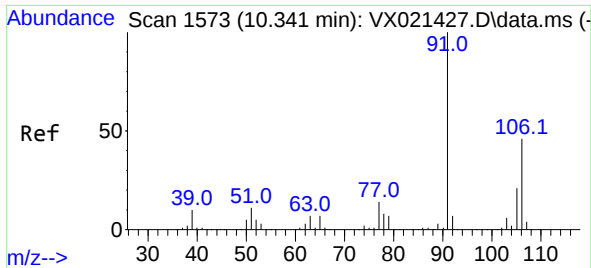


#67
Ethyl Benzene
Concen: 59.58 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48



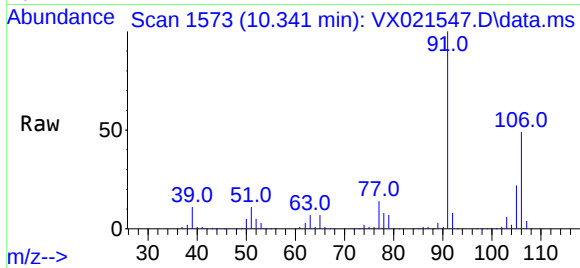
Tgt Ion: 91 Resp: 255491
Ion Ratio Lower Upper
91 100
106 29.7 24.6 37.0





#68
m/p-Xylenes
Concen: 236.70 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48

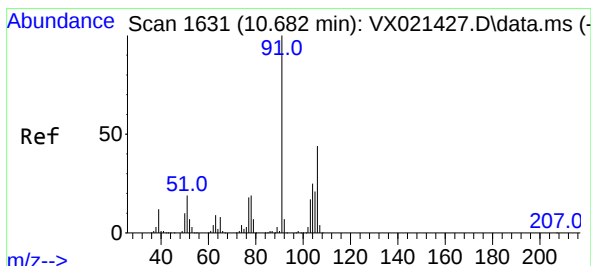
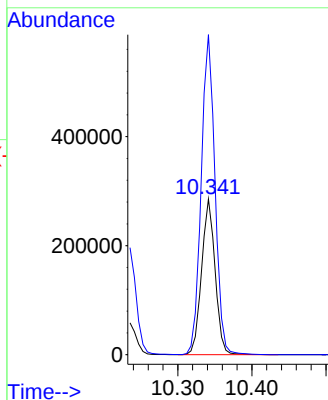
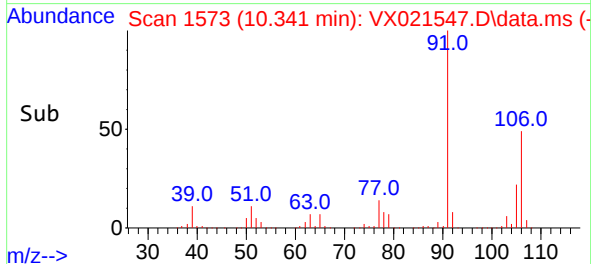
Instrument :
MSVOA_X
ClientSampled :
MW5DL



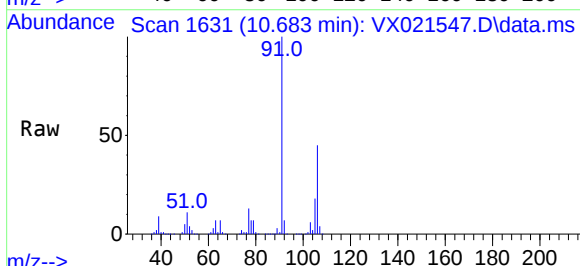
Tgt Ion:106 Resp: 361610
Ion Ratio Lower Upper
106 100
91 209.7 162.8 244.2

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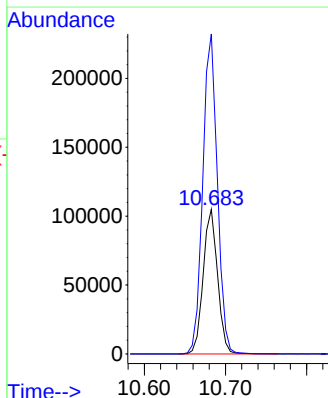
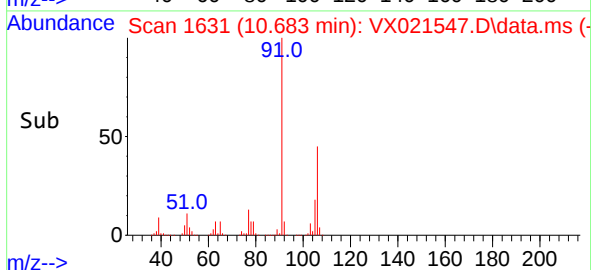
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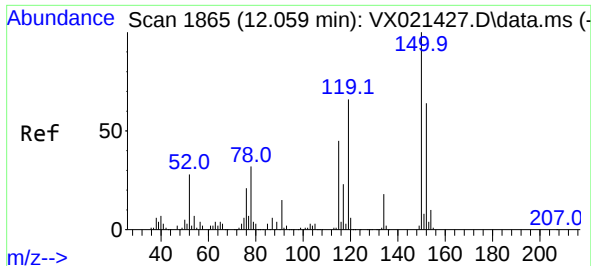


#69
o-Xylene
Concen: 87.03 ug/l
RT: 10.683 min Scan# 1631
Delta R.T. 0.001 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48

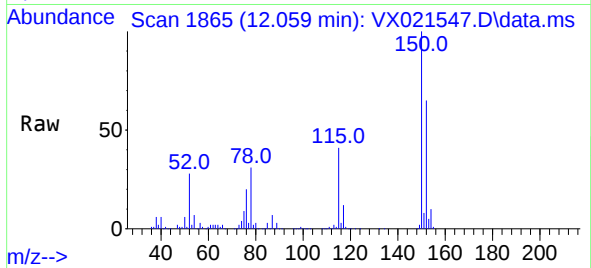


Tgt Ion:106 Resp: 128773
Ion Ratio Lower Upper
106 100
91 224.4 108.1 324.2

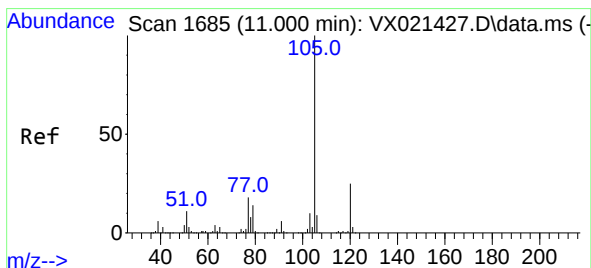
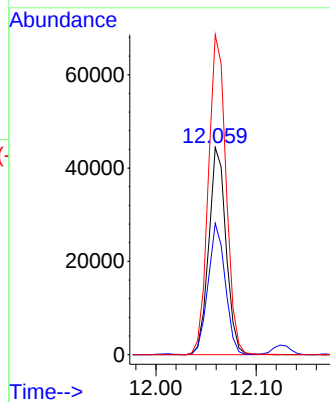
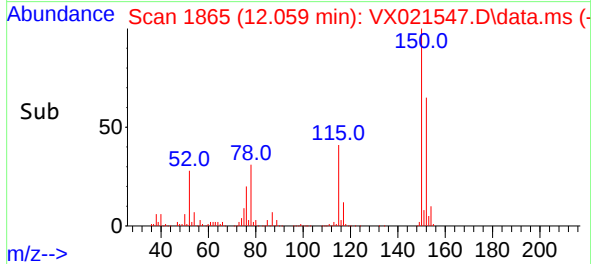




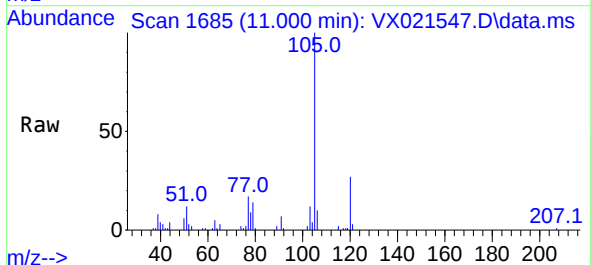
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48



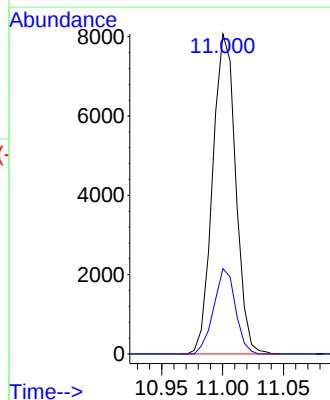
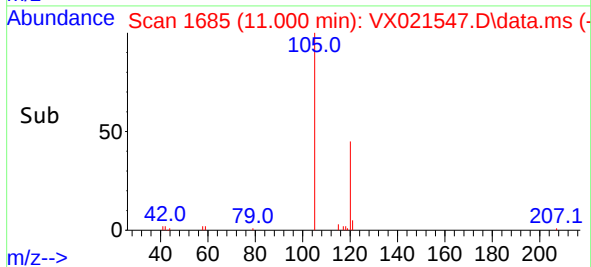
Tgt Ion:152 Resp: 53191
Ion Ratio Lower Upper
152 100
115 63.3 41.1 123.3
150 158.1 0.0 349.0



#73
Isopropylbenzene
Concen: 2.84 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48



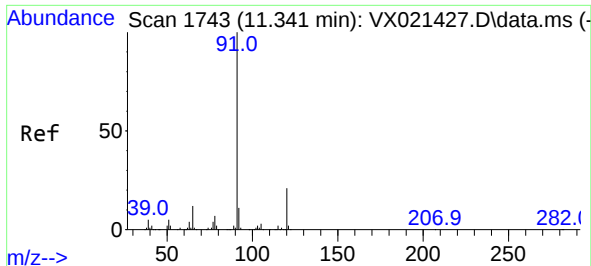
Tgt Ion:105 Resp: 10615
Ion Ratio Lower Upper
105 100
120 25.1 13.2 39.6



Instrument :
MSVOA_X
ClientSampleId :
MW5DL

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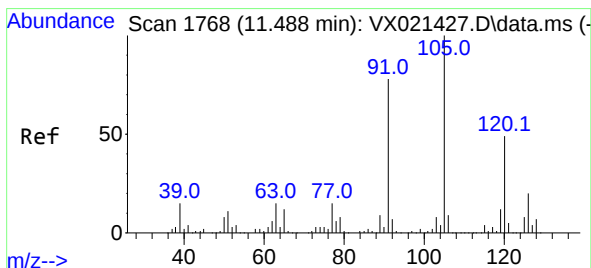
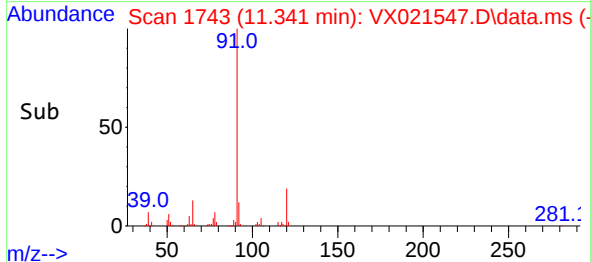
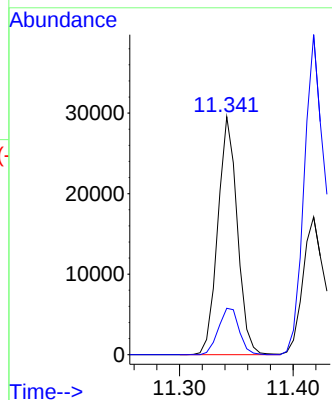
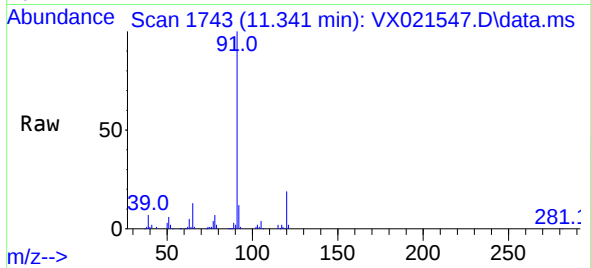
#78
n-propylbenzene
Concen: 7.98 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48

Tgt Ion: 91 Resp: 35224
Ion Ratio Lower Upper
91 100
120 20.7 11.5 34.5

Instrument :
MSVOA_X
ClientSampled :
MW5DL

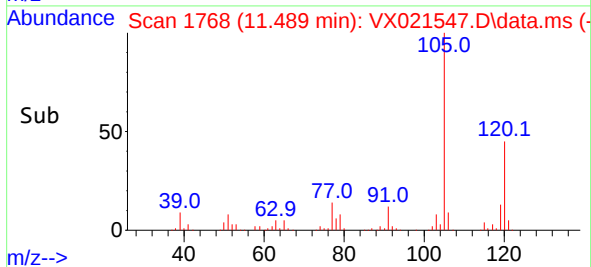
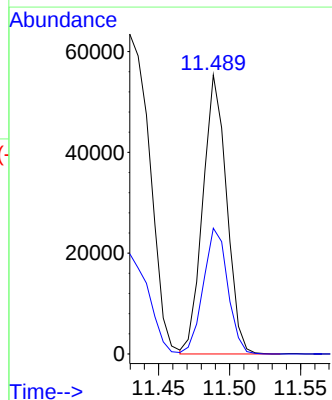
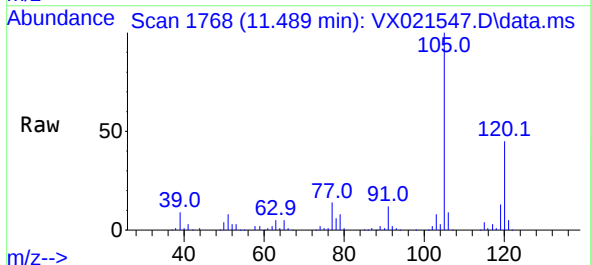
Manual Integrations
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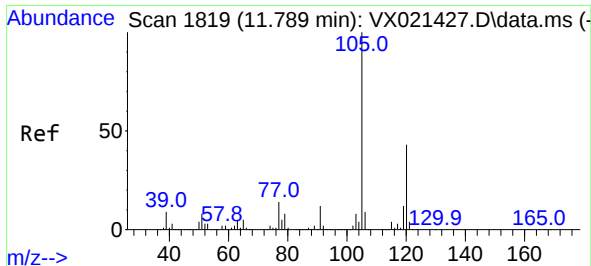
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#80
1,3,5-Trimethylbenzene
Concen: 20.23 ug/l
RT: 11.489 min Scan# 1768
Delta R.T. 0.001 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48

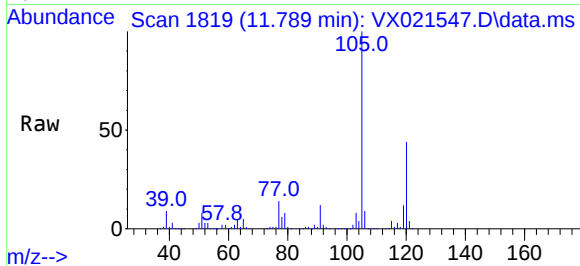
Tgt Ion: 105 Resp: 64599
Ion Ratio Lower Upper
105 100
120 46.2 23.8 71.5





#84
1,2,4-Trimethylbenzene
Concen: 78.18 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48

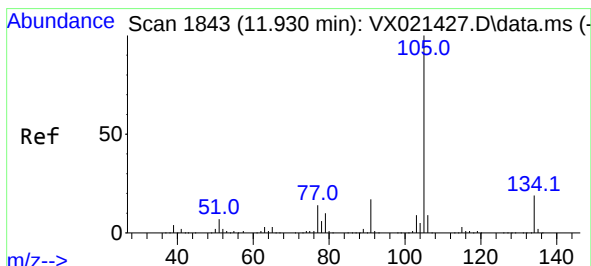
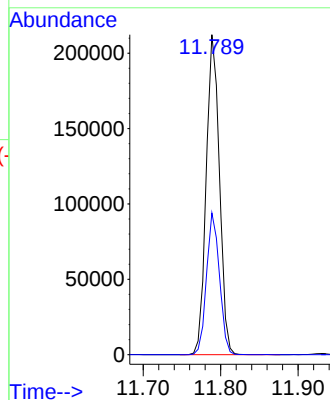
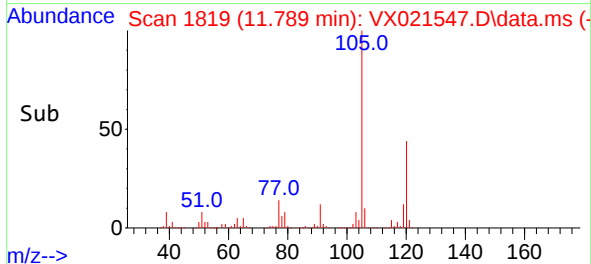
Instrument :
MSVOA_X
ClientSampleId :
MW5DL



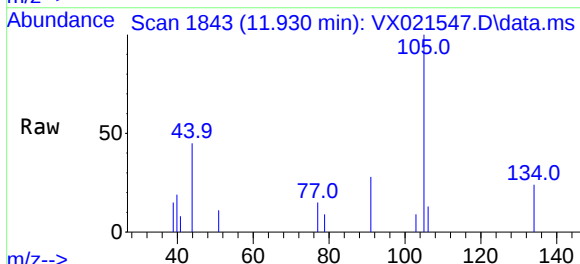
Tgt Ion:105 Resp: 251623
Ion Ratio Lower Upper
105 100
120 43.3 22.4 67.3

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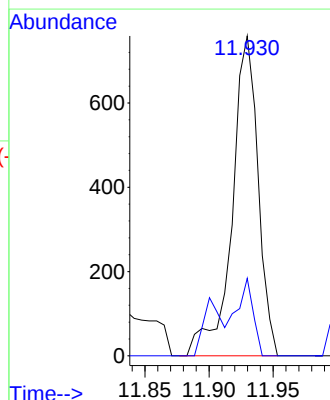
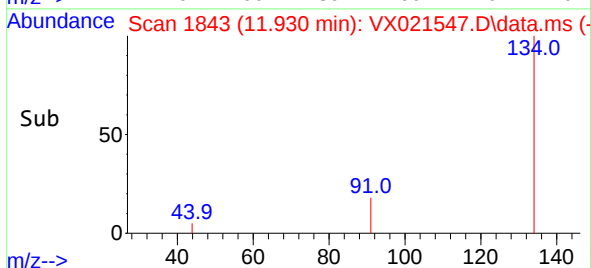
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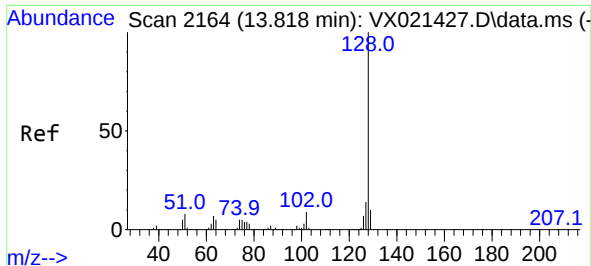


#85
sec-Butylbenzene
Concen: 0.30 ug/l m
RT: 11.930 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48



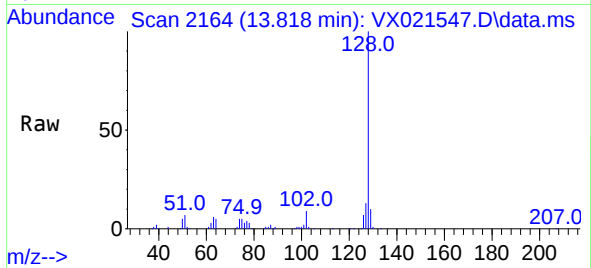
Tgt Ion:105 Resp: 1072
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#





#95
Naphthalene
Concen: 17.50 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021547.D
Acq: 26 Mar 2021 22:48

Instrument :
MSVOA_X
ClientSampleId :
MW5DL



Tgt Ion:128 Resp: 60685
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
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