

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021705.D
 Acq On : 01 Apr 2021 14:14
 Operator : JC/MD
 Sample : M1890-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3-175-185-033121

Quant Time: Apr 02 03:27:09 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)

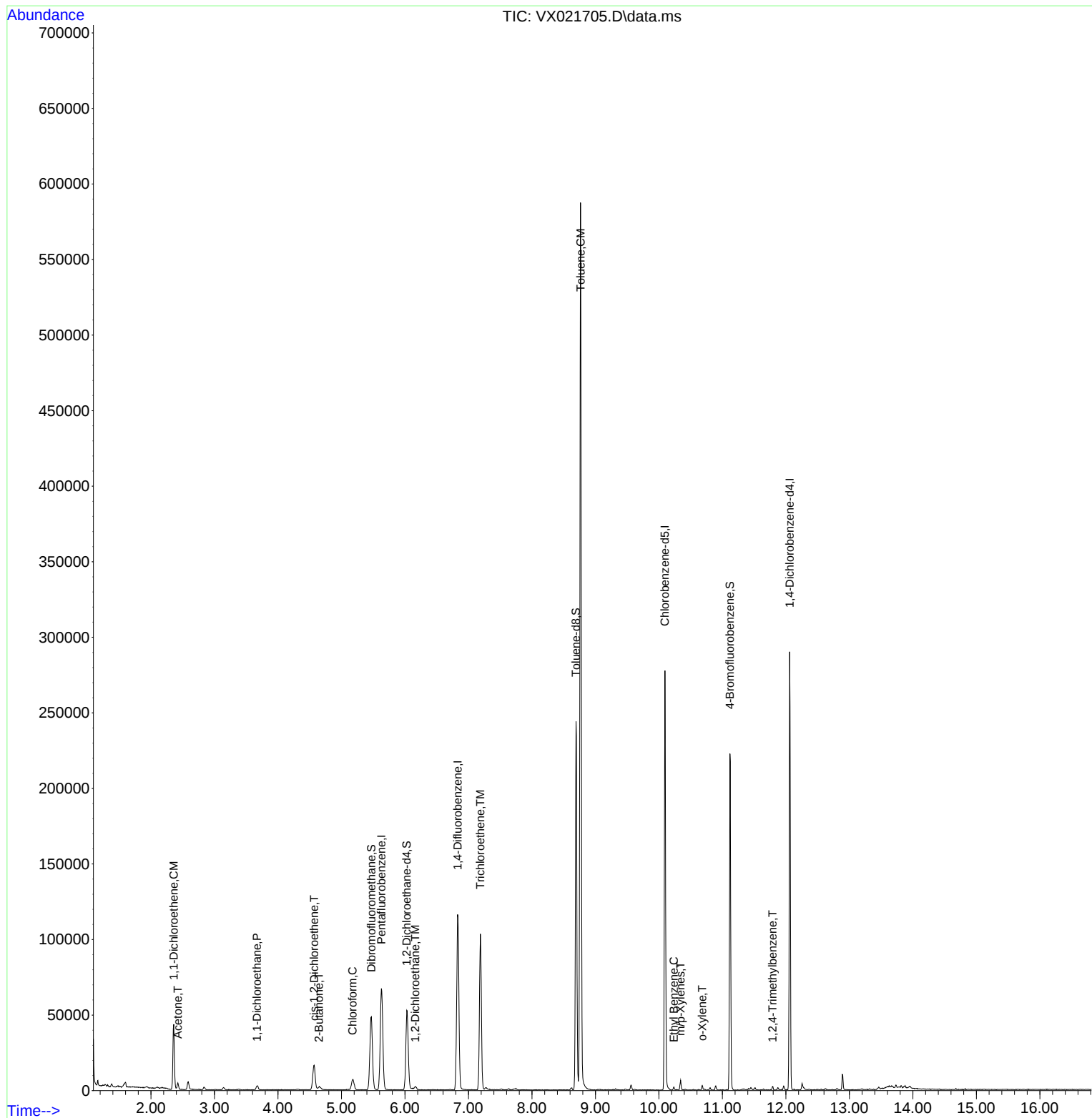
Internal Standards						
1) Pentafluorobenzene	5.629	168	58786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	110057	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	113734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53643	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	51548	52.70	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.40%
35) Dibromofluoromethane	5.470	113	40274	51.52	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.04%
50) Toluene-d8	8.694	98	139374	50.03	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.06%
62) 4-Bromofluorobenzene	11.118	95	57989	53.54	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.08%
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.358	96	13053	22.03	ug/l	88
16) Acetone	2.423	43	4423	11.96	ug/l #	85
24) 1,1-Dichloroethane	3.670	63	3057	2.43	ug/l #	92
25) 2-Butanone	4.646	43	1671	2.98	ug/l	100
27) cis-1,2-Dichloroethene	4.570	96	9806	12.98	ug/l	96
30) Chloroform	5.176	83	8031	6.04	ug/l	90
42) 1,2-Dichloroethane	6.164	62	2395	1.80	ug/l	89
44) Trichloroethene	7.188	130	36561	45.24	ug/l	97
52) Toluene	8.765	92	206327	109.09	ug/l	97
67) Ethyl Benzene	10.235	91	1138	0.27	ug/l	100
68) m/p-Xylenes	10.341	106	1236	0.83	ug/l	88
69) o-Xylene	10.682	106	599	0.42	ug/l	98
84) 1,2,4-Trimethylbenzene	11.789	105	887	0.27	ug/l	83

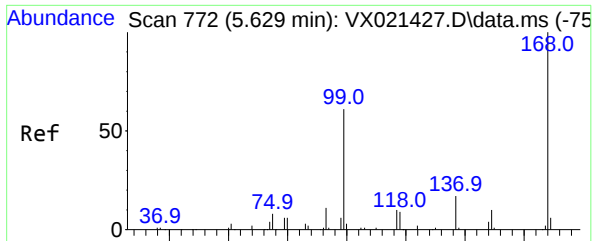
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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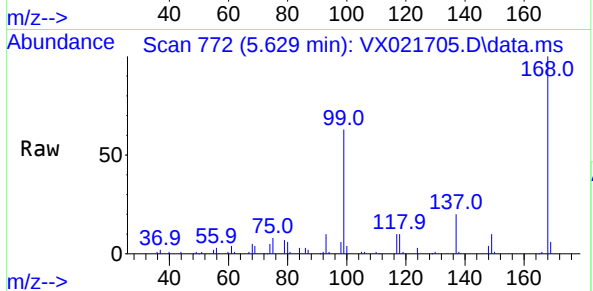
Quant Time: Apr 02 03:27:09 2021
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QLast Update : Wed Mar 24 12:25:26 2021
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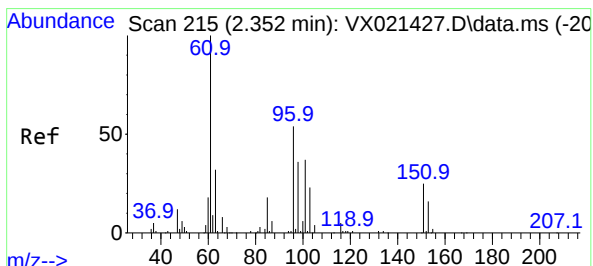
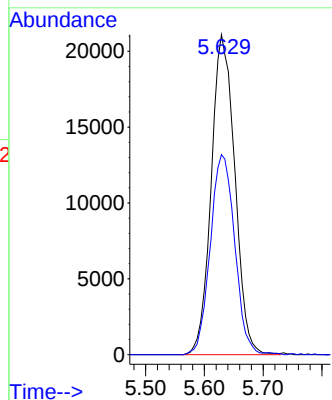
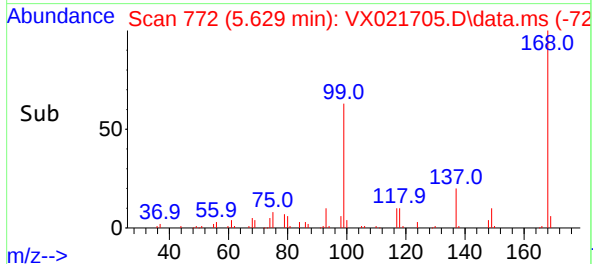


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021705.D
Acq: 01 Apr 2021 14:14

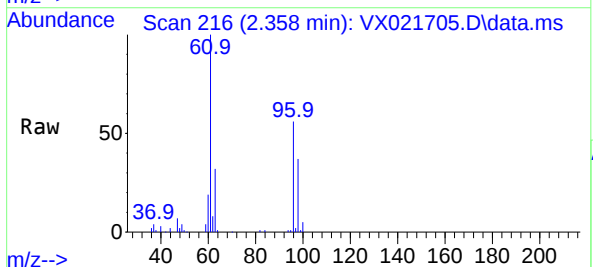
Instrument :
MSVOA_X
ClientSampleId :
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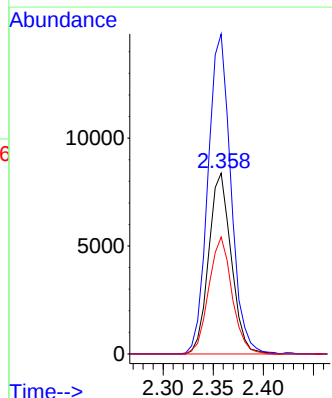
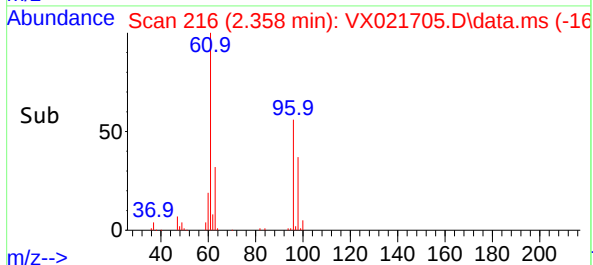
Tgt Ion:168 Resp: 58786
Ion Ratio Lower Upper
168 100
99 62.5 45.8 68.6

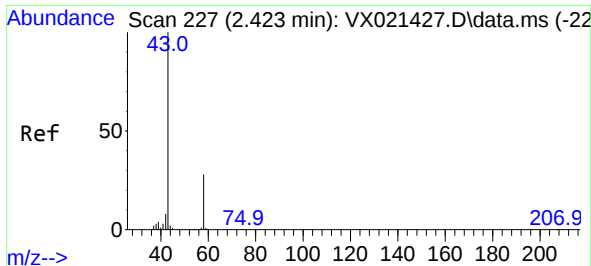


#12
1,1-Dichloroethene
Concen: 22.03 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021705.D
Acq: 01 Apr 2021 14:14



Tgt Ion: 96 Resp: 13053
Ion Ratio Lower Upper
96 100
61 177.1 124.6 187.0
98 64.7 50.6 76.0

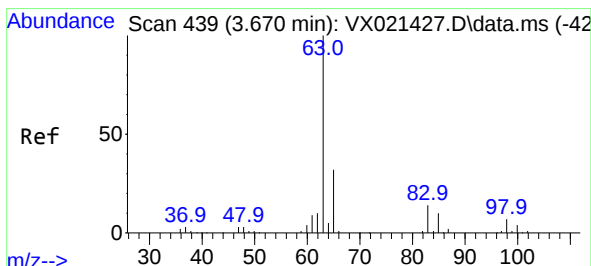
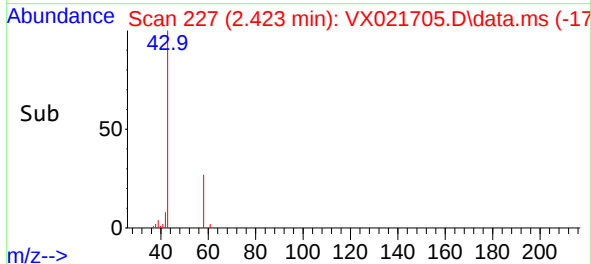
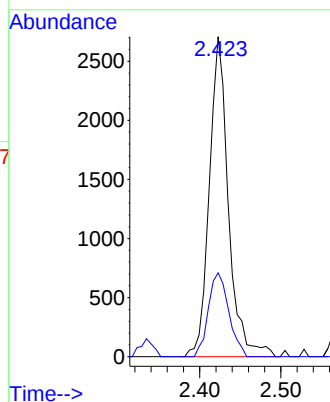
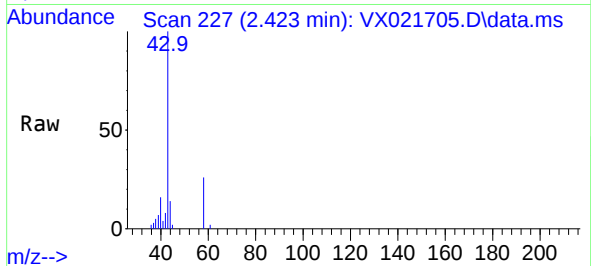




#16
Acetone
Concen: 11.96 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021705.D
Acq: 01 Apr 2021 14:14

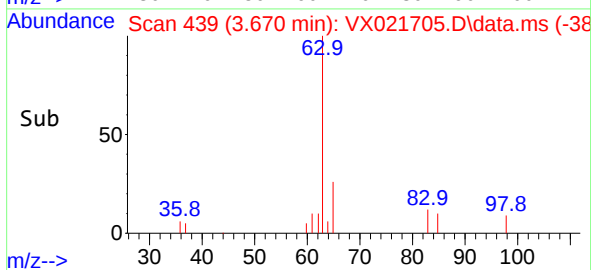
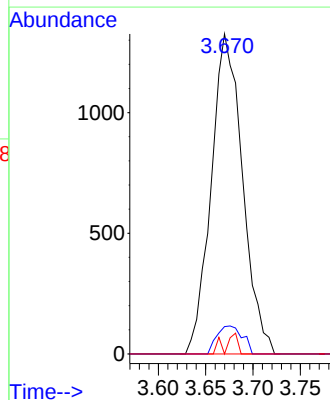
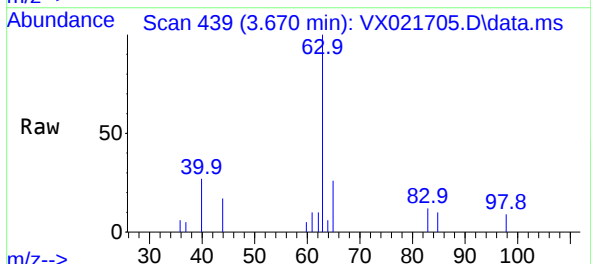
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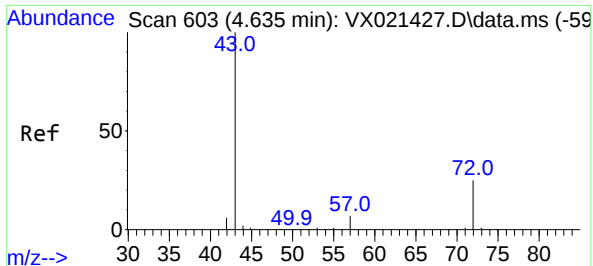
Tgt Ion: 43 Resp: 4423
Ion Ratio Lower Upper
43 100
58 26.2 27.8 41.8#



#24
1,1-Dichloroethane
Concen: 2.43 ug/l
RT: 3.670 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX021705.D
Acq: 01 Apr 2021 14:14

Tgt Ion: 63 Resp: 3057
Ion Ratio Lower Upper
63 100
98 8.5 3.8 11.2
100 0.0 2.5 7.5#





#25

2-Butanone

Concen: 2.98 ug/l

RT: 4.646 min Scan# 605

Delta R.T. 0.011 min

Lab File: VX021705.D

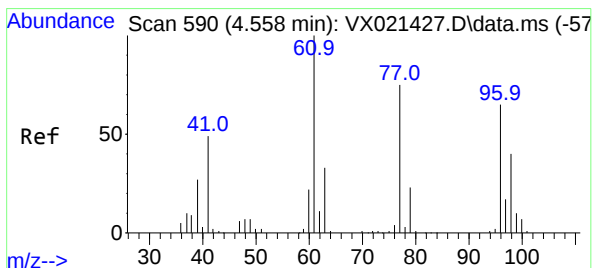
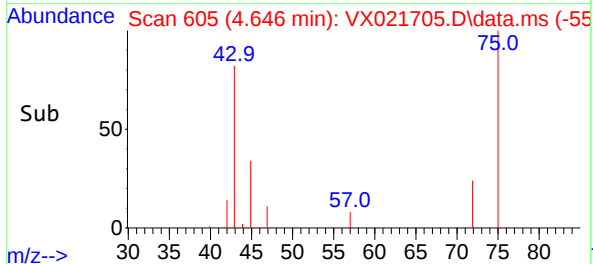
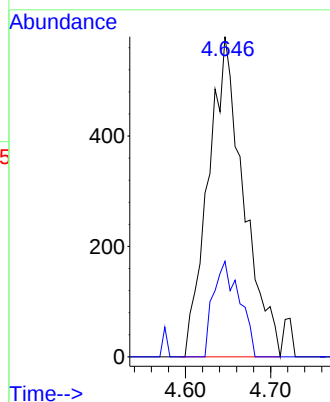
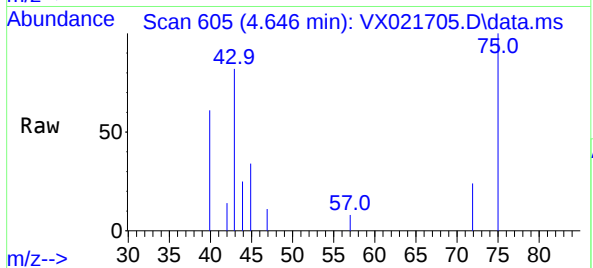
Acq: 01 Apr 2021 14:14

Tgt Ion: 43 Resp: 1671

Ion Ratio Lower Upper

43 100

72 29.8 23.7 35.5



#27

cis-1,2-Dichloroethene

Concen: 12.98 ug/l

RT: 4.570 min Scan# 592

Delta R.T. 0.012 min

Lab File: VX021705.D

Acq: 01 Apr 2021 14:14

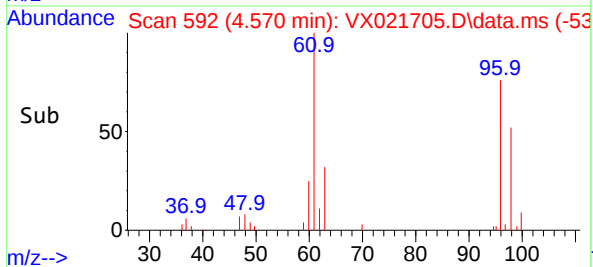
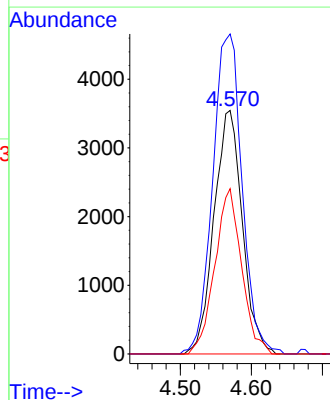
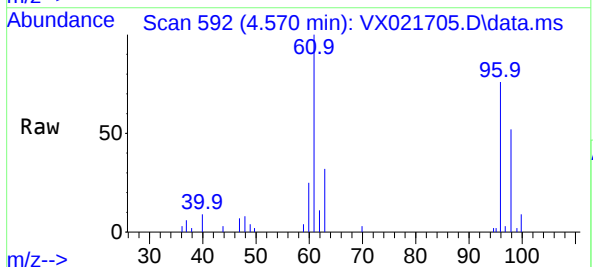
Tgt Ion: 96 Resp: 9806

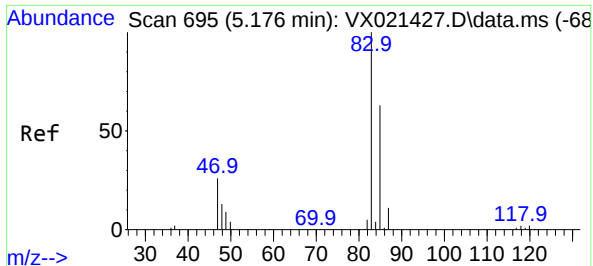
Ion Ratio Lower Upper

96 100

61 136.7 0.0 285.6

98 64.3 0.0 129.6





#30

Chloroform

Concen: 6.04 ug/l

RT: 5.176 min Scan# 695

Delta R.T. -0.000 min

Lab File: VX021705.D

Acq: 01 Apr 2021 14:14

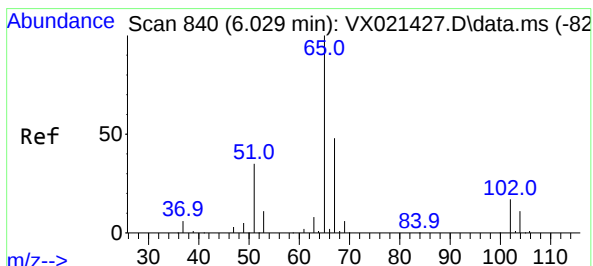
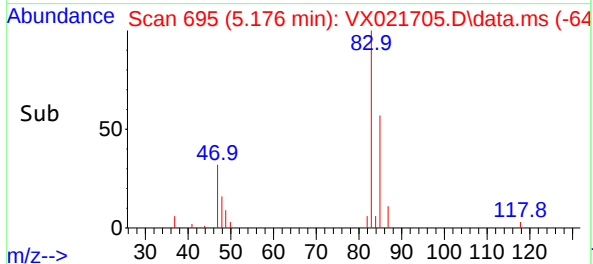
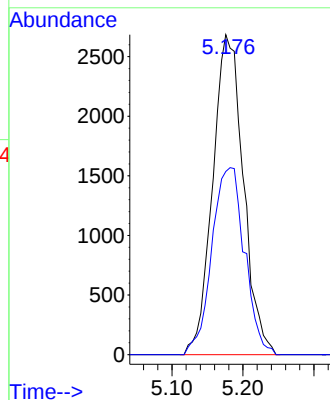
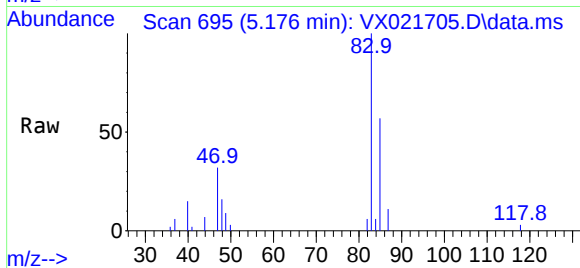
Instrument :
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GWBR3-175-185-033121

Tgt Ion: 83 Resp: 8031

Ion Ratio Lower Upper

83 100

85 57.2 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 52.70 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021705.D

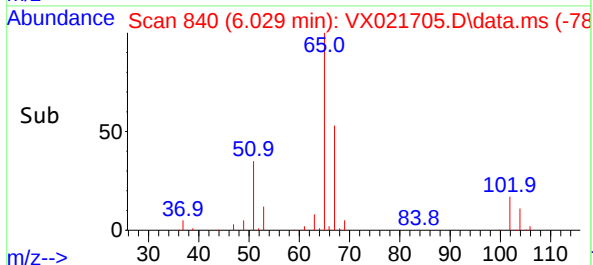
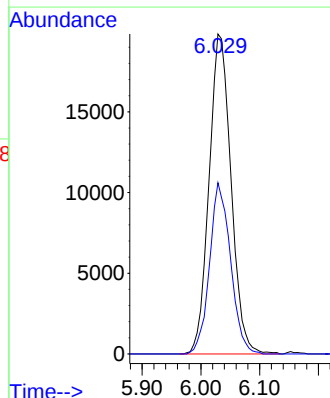
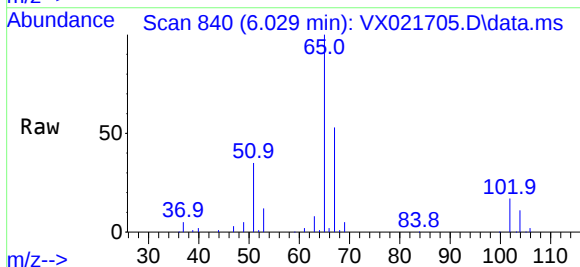
Acq: 01 Apr 2021 14:14

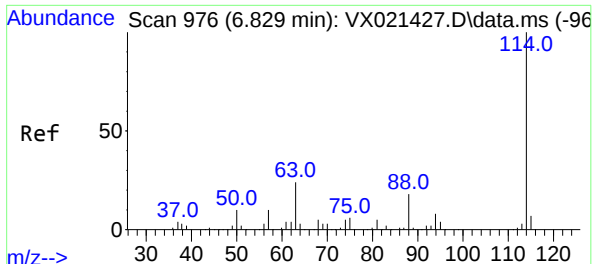
Tgt Ion: 65 Resp: 51548

Ion Ratio Lower Upper

65 100

67 51.0 0.0 105.4

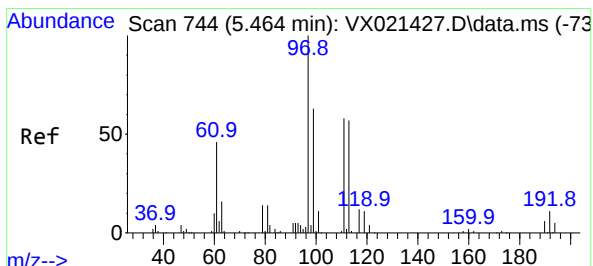
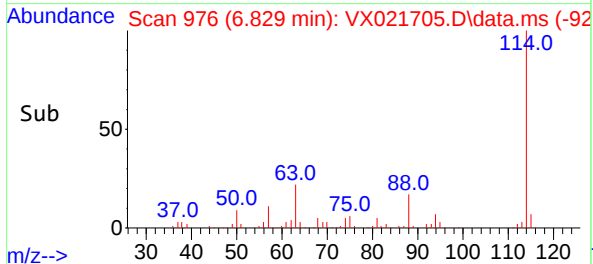
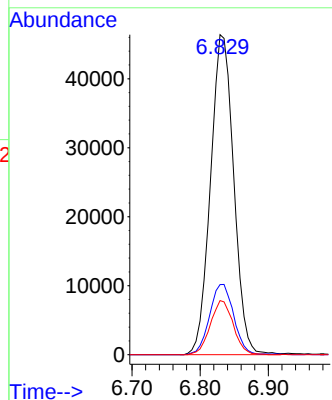
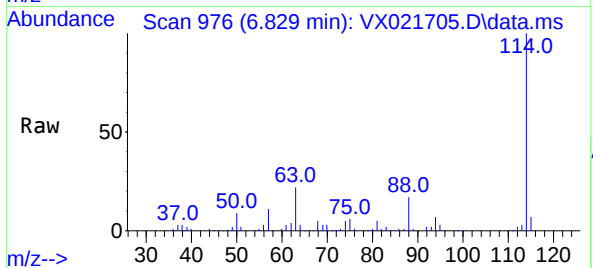




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021705.D
Acq: 01 Apr 2021 14:14

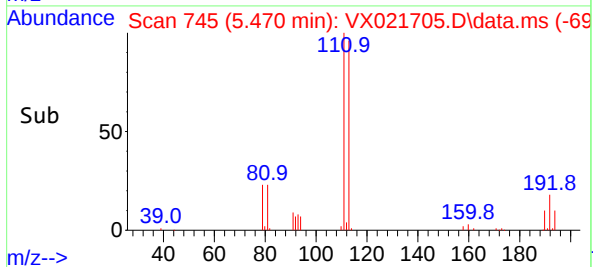
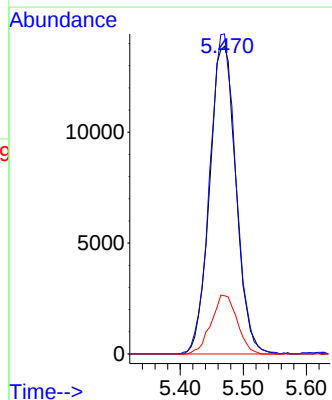
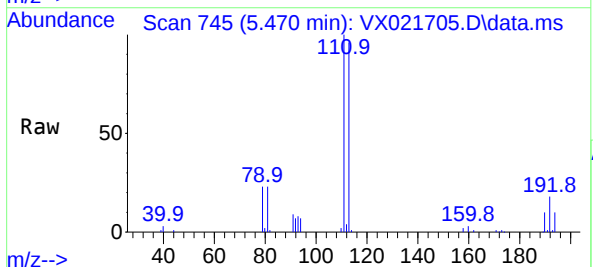
Instrument :
MSVOA_X
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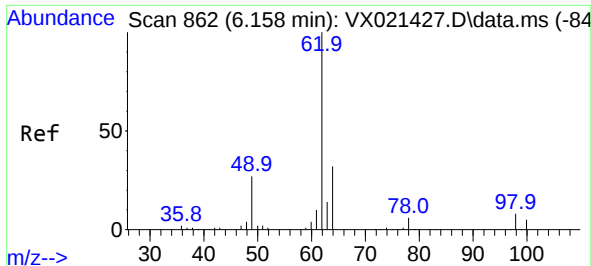
Tgt Ion:114 Resp: 110057
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.52 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021705.D
Acq: 01 Apr 2021 14:14

Tgt Ion:113 Resp: 40274
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 18.8 16.7 25.1





#42

1,2-Dichloroethane

Concen: 1.80 ug/l

RT: 6.164 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX021705.D

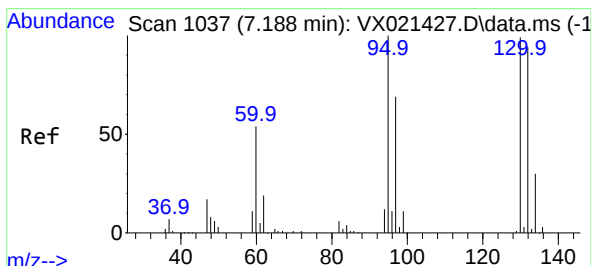
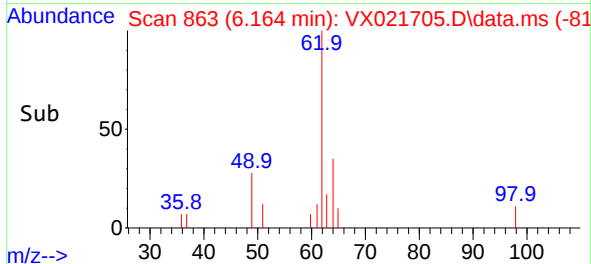
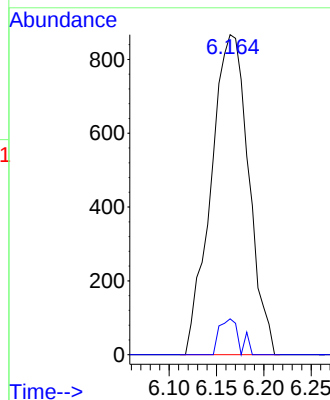
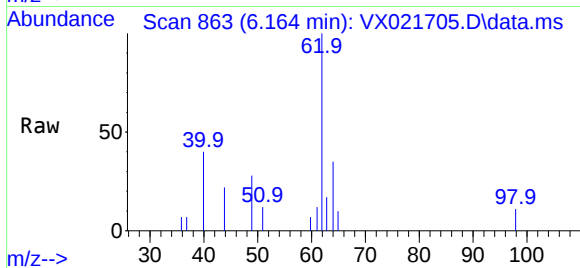
Acq: 01 Apr 2021 14:14

Tgt Ion: 62 Resp: 2395

Ion Ratio Lower Upper

62 100

98 6.0 0.0 20.2



#44

Trichloroethene

Concen: 45.24 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VX021705.D

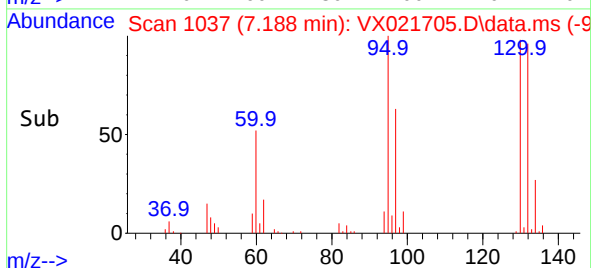
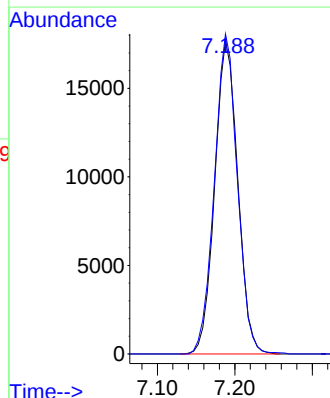
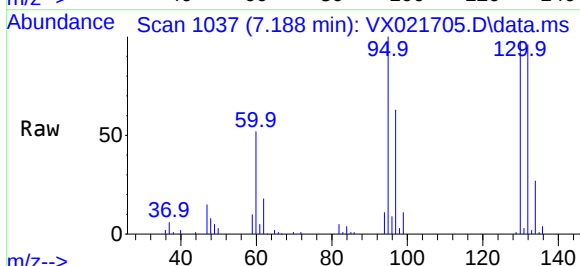
Acq: 01 Apr 2021 14:14

Tgt Ion: 130 Resp: 36561

Ion Ratio Lower Upper

130 100

95 102.1 0.0 198.0

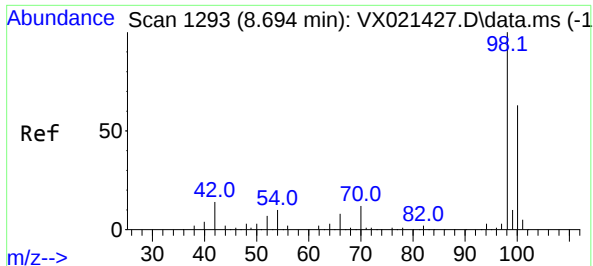


Instrument :

MSVOA_X

ClientSampleId :

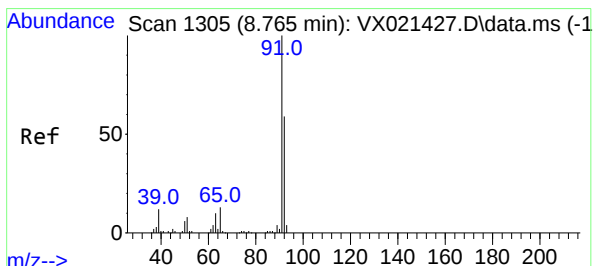
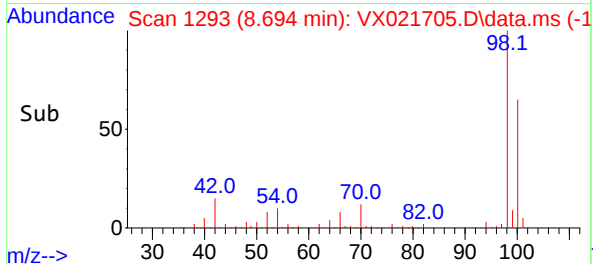
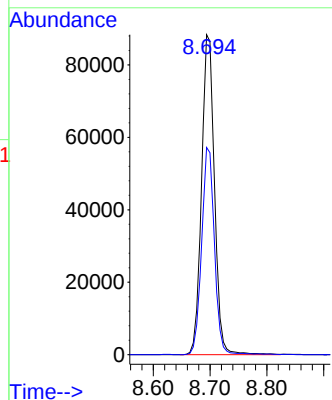
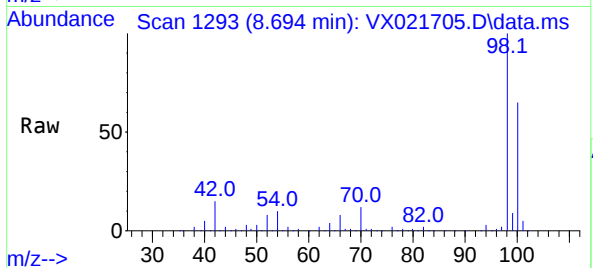
GWBR3-175-185-033121



#50
Toluene-d8
Concen: 50.03 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021705.D
Acq: 01 Apr 2021 14:14

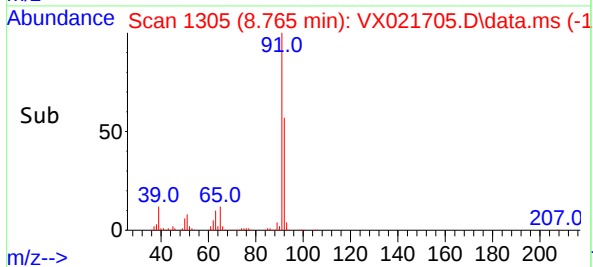
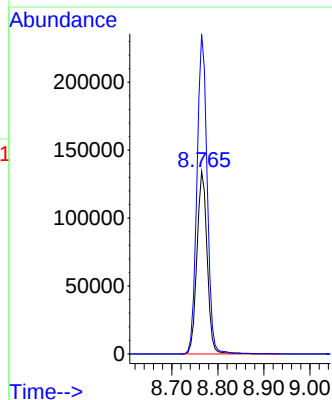
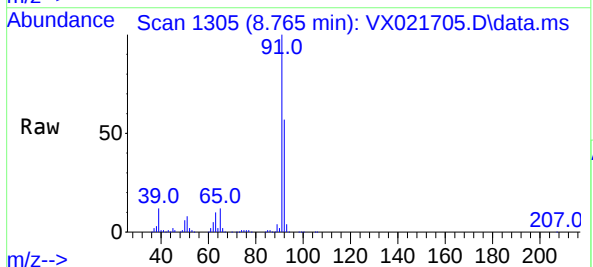
Instrument :
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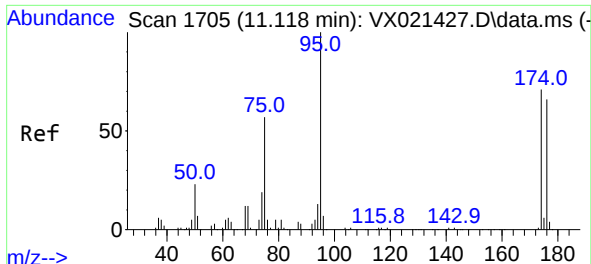
Tgt Ion: 98 Resp: 139374
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#52
Toluene
Concen: 109.09 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021705.D
Acq: 01 Apr 2021 14:14

Tgt Ion: 92 Resp: 206327
Ion Ratio Lower Upper
92 100
91 175.8 137.1 205.7

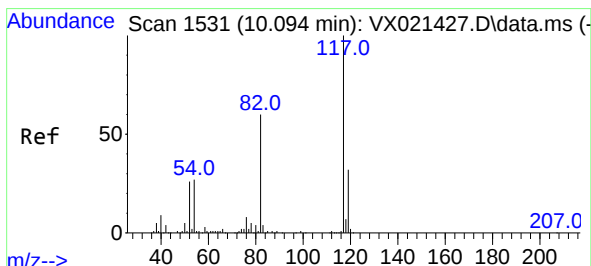
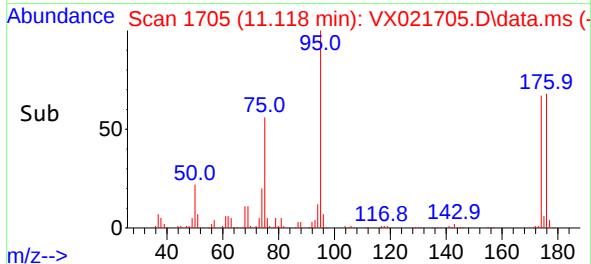
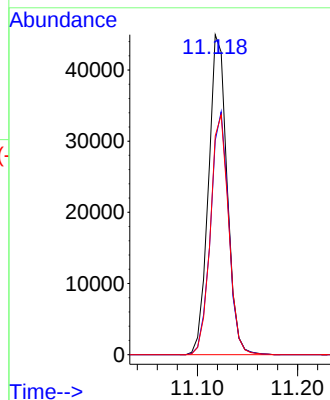
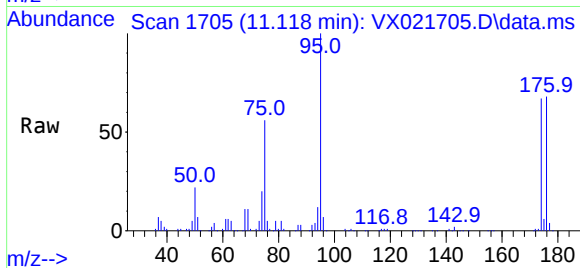




#62
4-Bromofluorobenzene
Concen: 53.54 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021705.D
Acq: 01 Apr 2021 14:14

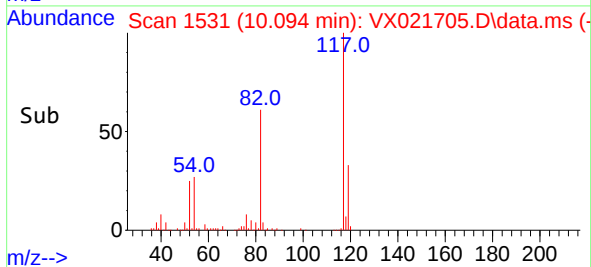
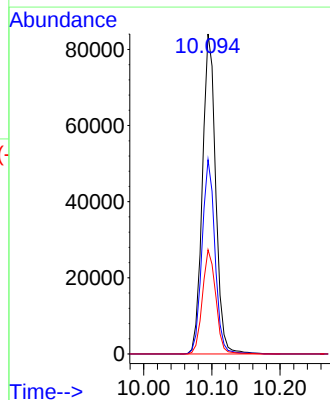
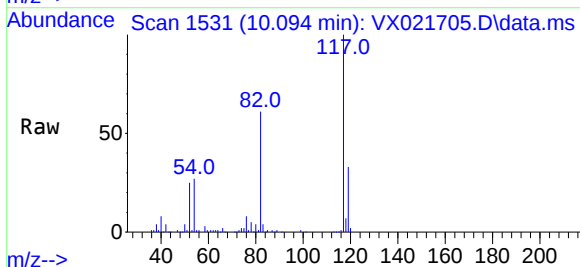
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-175-185-033121

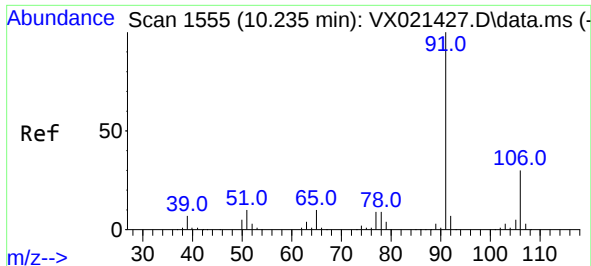
Tgt Ion: 95 Resp: 57989
Ion Ratio Lower Upper
95 100
174 73.8 0.0 154.6
176 73.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021705.D
Acq: 01 Apr 2021 14:14

Tgt Ion: 117 Resp: 113734
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 32.5 26.6 39.8

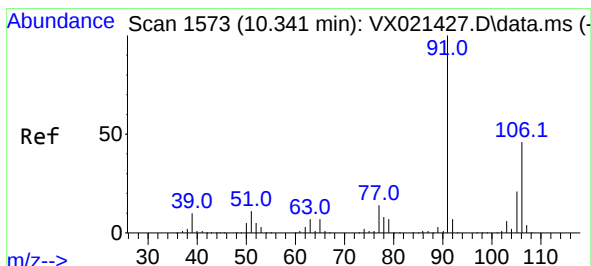
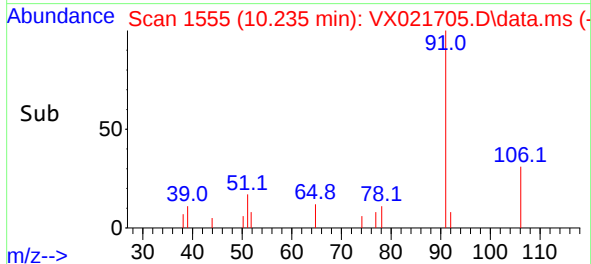
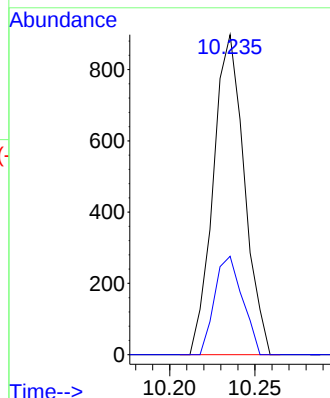
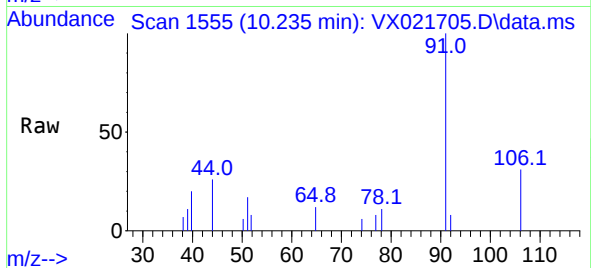




#67
Ethyl Benzene
Concen: 0.27 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021705.D
Acq: 01 Apr 2021 14:14

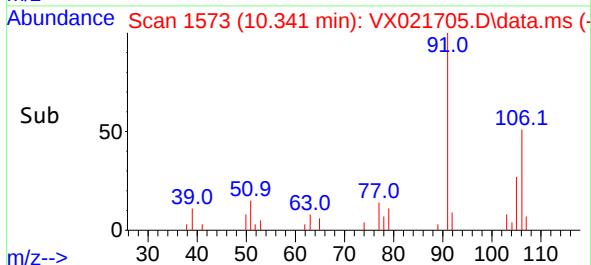
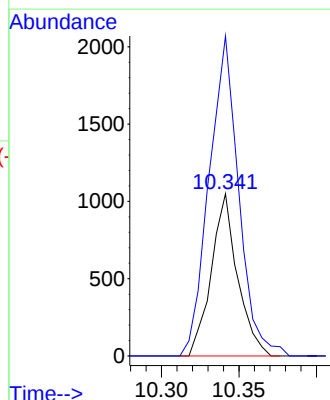
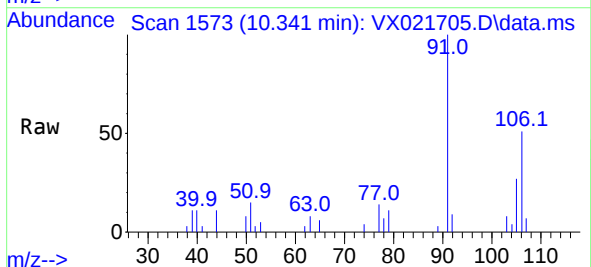
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-175-185-033121

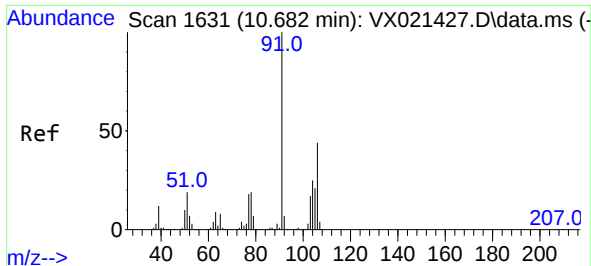
Tgt Ion: 91 Resp: 1138
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0



#68
m/p-Xylenes
Concen: 0.83 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021705.D
Acq: 01 Apr 2021 14:14

Tgt Ion: 106 Resp: 1236
Ion Ratio Lower Upper
106 100
91 222.4 162.8 244.2

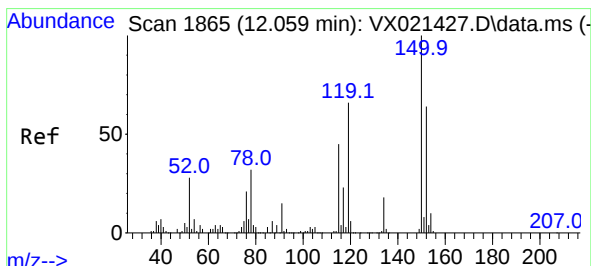
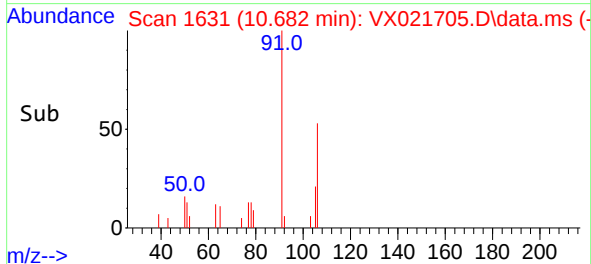
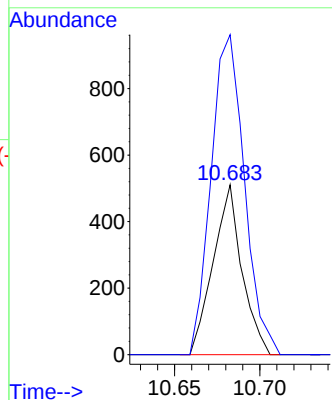
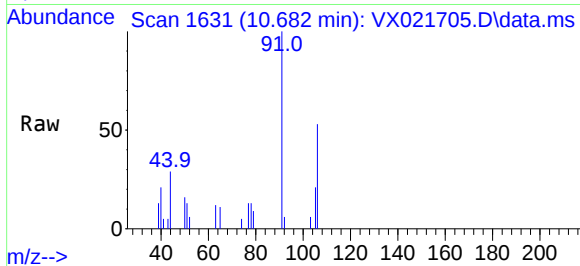




#69
o-Xylene
Concen: 0.42 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021705.D
Acq: 01 Apr 2021 14:14

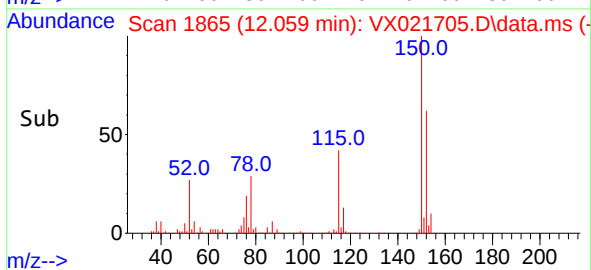
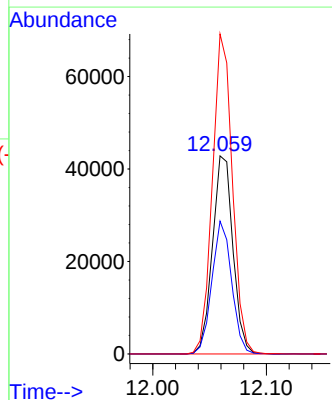
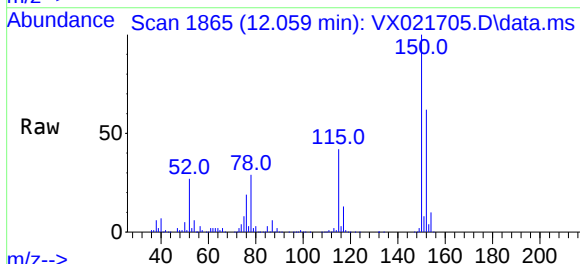
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-175-185-033121

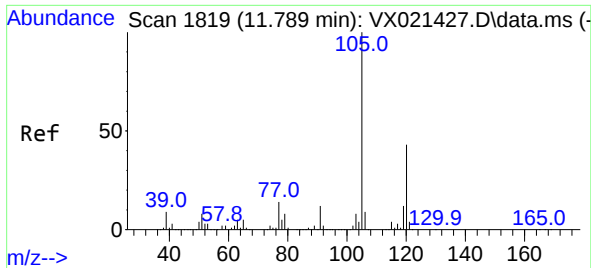
Tgt Ion:106 Resp: 599
Ion Ratio Lower Upper
106 100
91 218.5 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021705.D
Acq: 01 Apr 2021 14:14

Tgt Ion:152 Resp: 53643
Ion Ratio Lower Upper
152 100
115 64.6 41.1 123.3
150 157.3 0.0 349.0





#84
 1,2,4-Trimethylbenzene
 Concen: 0.27 ug/l
 RT: 11.789 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: VX021705.D
 Acq: 01 Apr 2021 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3-175-185-033121

Tgt Ion:105 Resp: 887
 Ion Ratio Lower Upper
 105 100
 120 34.0 22.4 67.3

