

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021579.D
 Acq On : 29 Mar 2021 16:02
 Operator : JC/MD
 Sample : M1785-13 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Mar 30 03:29:08 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)

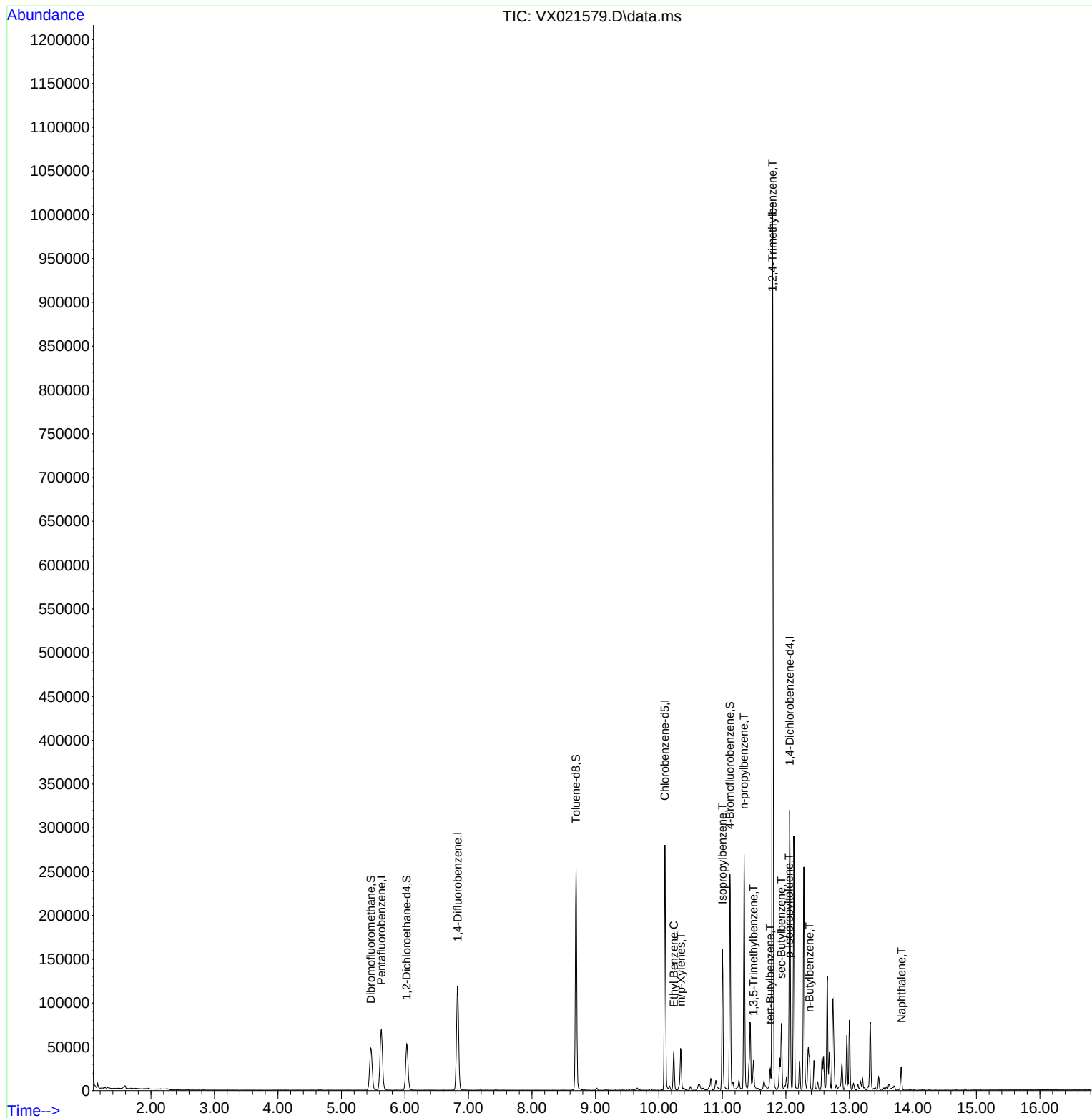
Internal Standards						
1) Pentafluorobenzene	5.629	168	59245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	110177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	57707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	51735	52.48	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.96%	
35) Dibromofluoromethane	5.464	113	39601	50.60	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.20%	
50) Toluene-d8	8.694	98	142625	51.14	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.28%	
62) 4-Bromofluorobenzene	11.118	95	64038	59.06	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 118.12%	
Target Compounds						
					Qvalue	
67) Ethyl Benzene	10.236	91	24185	5.72	ug/l	98
68) m/p-Xylenes	10.347	106	9459	6.28	ug/l	97
73) Isopropylbenzene	11.000	105	75339	18.58	ug/l	100
78) n-propylbenzene	11.342	91	154000	32.16	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	12821	3.70	ug/l	96
83) tert-Butylbenzene	11.753	119	7593	2.25	ug/l	86
84) 1,2,4-Trimethylbenzene	11.789	105	410364	117.52	ug/l	98
85) sec-Butylbenzene	11.930	105	34495	8.87	ug/l	92
86) p-Isopropyltoluene	12.048	119	5507	1.56	ug/l	87
89) n-Butylbenzene	12.371	91	16461	5.07	ug/l	# 75
95) Naphthalene	13.818	128	15789	4.20	ug/l	99

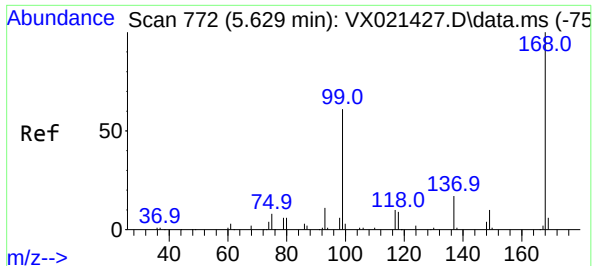
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
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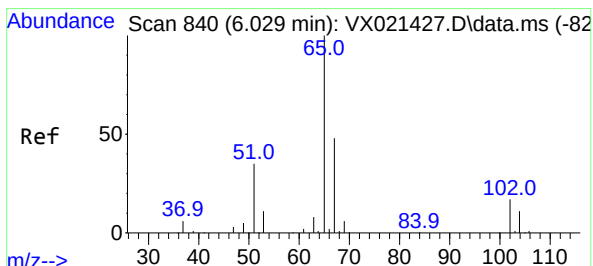
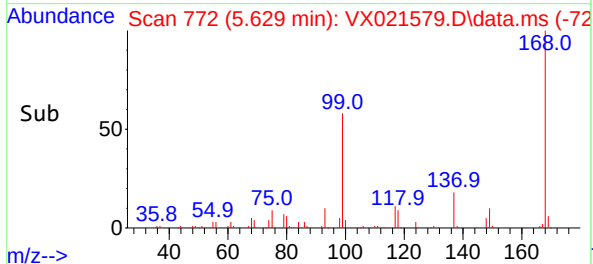
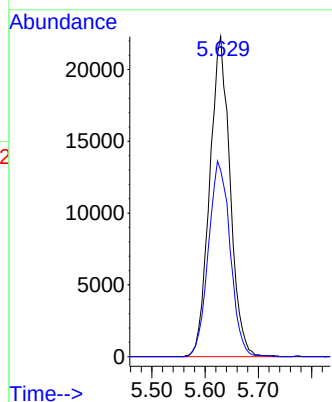
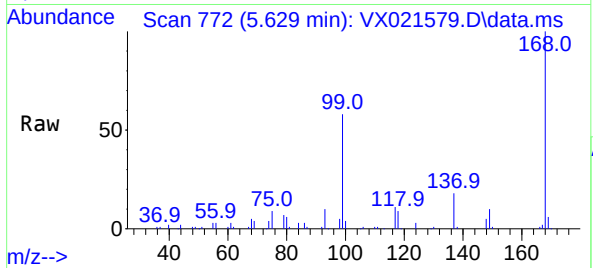




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021579.D
Acq: 29 Mar 2021 16:02

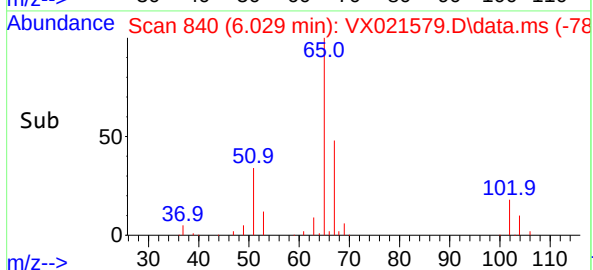
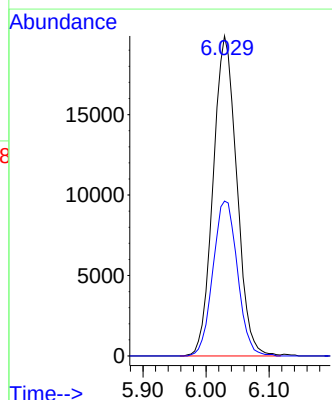
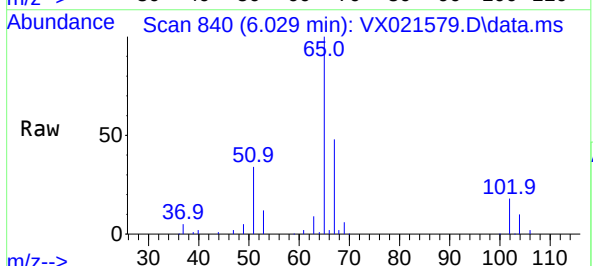
Instrument :
MSVOA_X
ClientSampled :
MW-2

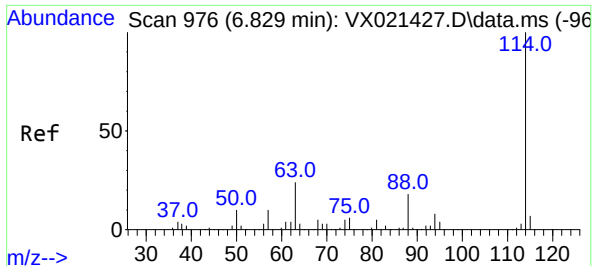
Tgt Ion:168 Resp: 59245
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 52.48 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021579.D
Acq: 29 Mar 2021 16:02

Tgt Ion: 65 Resp: 51735
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

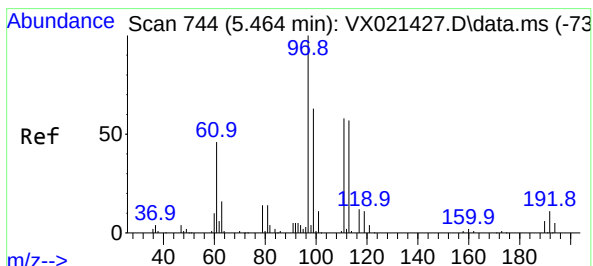
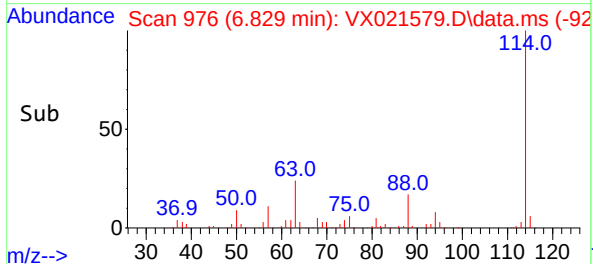
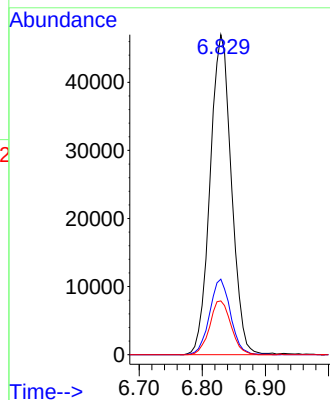
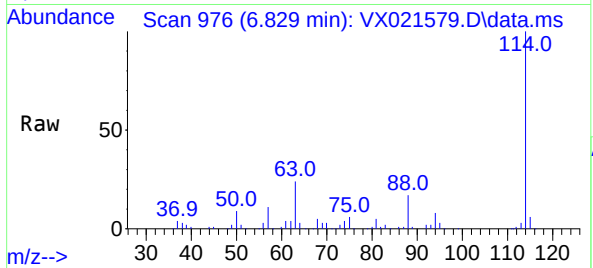




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021579.D
Acq: 29 Mar 2021 16:02

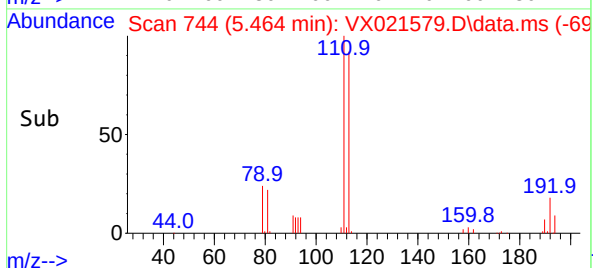
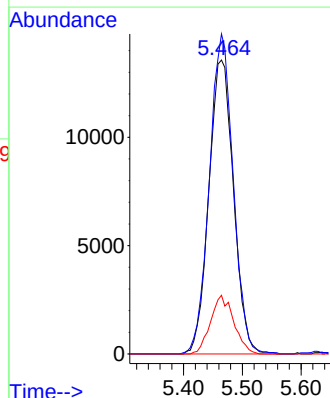
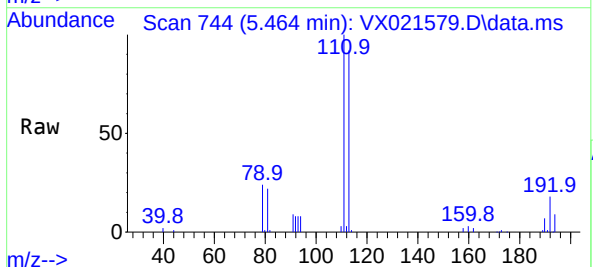
Instrument :
MSVOA_X
ClientSampleId :
MW-2

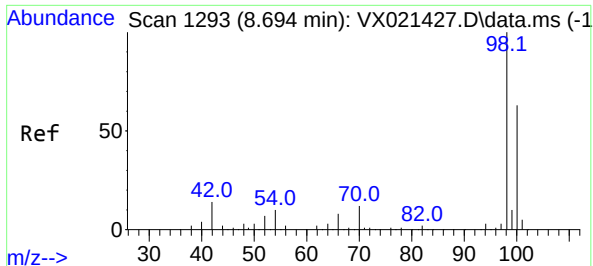
Tgt Ion:114 Resp: 110177
Ion Ratio Lower Upper
114 100
63 23.6 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.60 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021579.D
Acq: 29 Mar 2021 16:02

Tgt Ion:113 Resp: 39601
Ion Ratio Lower Upper
113 100
111 105.1 81.9 122.9
192 18.8 16.7 25.1

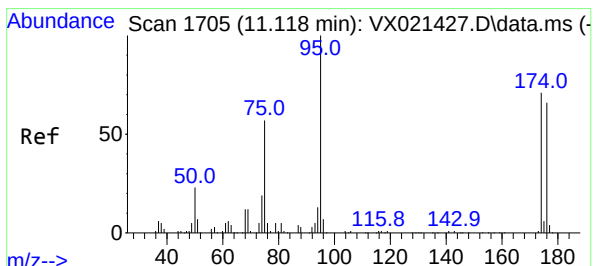
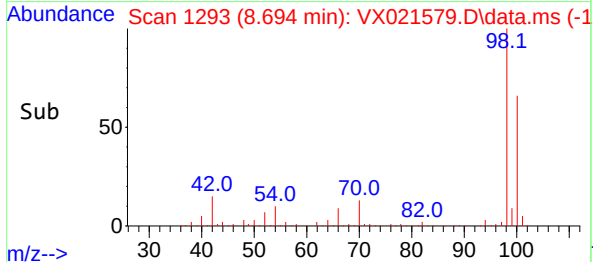
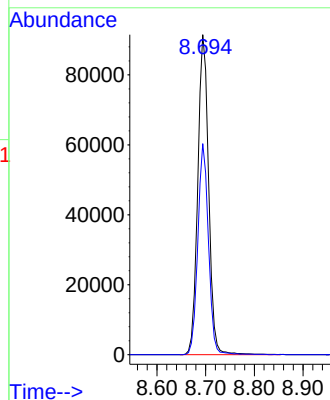
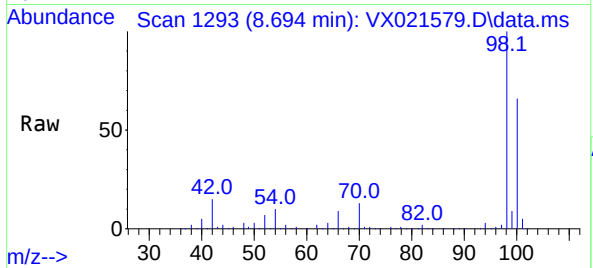




#50
Toluene-d8
Concen: 51.14 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021579.D
Acq: 29 Mar 2021 16:02

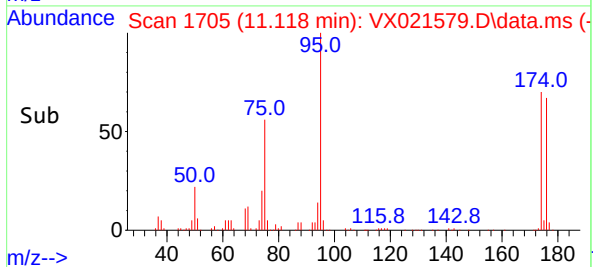
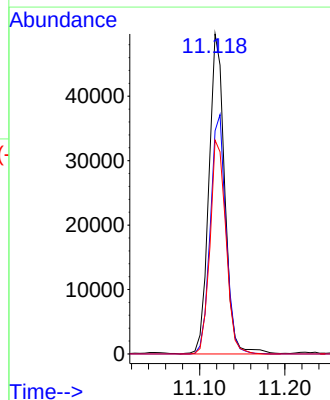
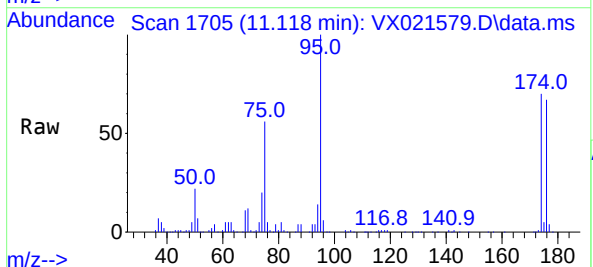
Instrument :
MSVOA_X
ClientSampled :
MW-2

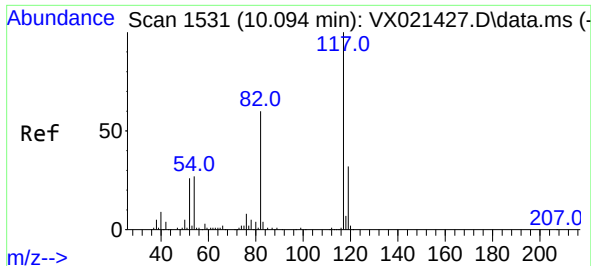
Tgt Ion: 98 Resp: 142625
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 59.06 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021579.D
Acq: 29 Mar 2021 16:02

Tgt Ion: 95 Resp: 64038
Ion Ratio Lower Upper
95 100
174 73.7 0.0 154.6
176 67.0 0.0 155.8

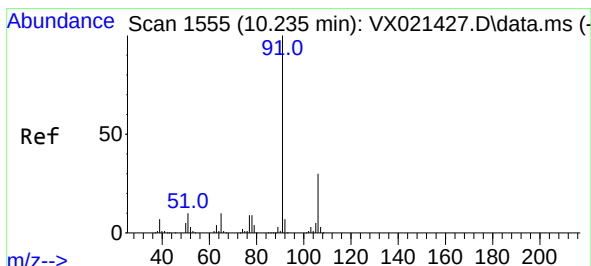
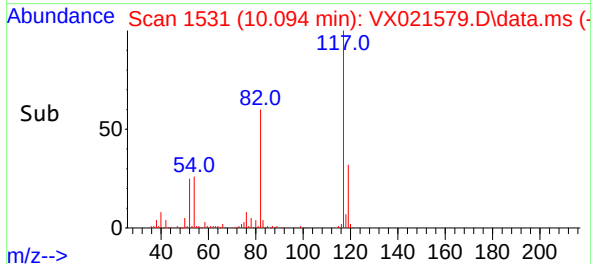
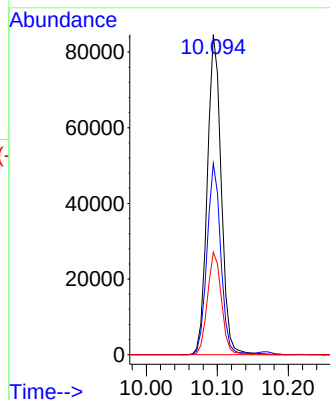
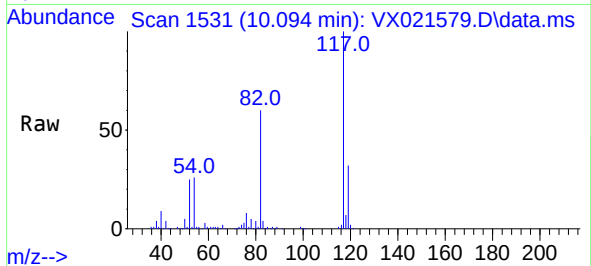




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021579.D
Acq: 29 Mar 2021 16:02

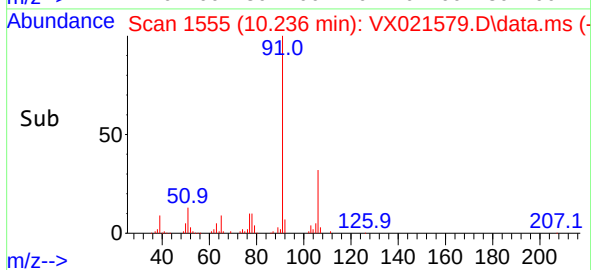
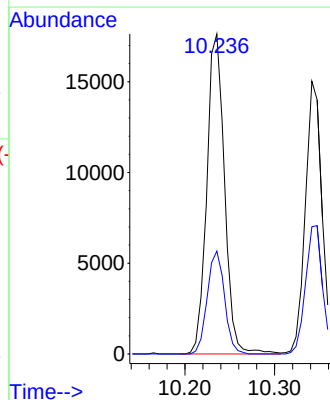
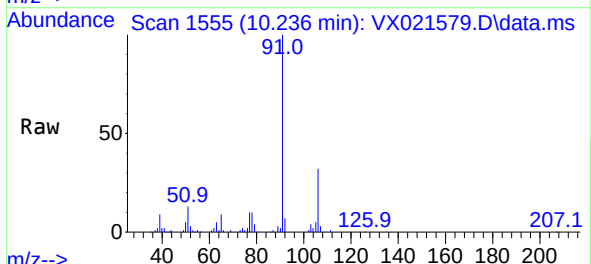
Instrument :
MSVOA_X
ClientSampled :
MW-2

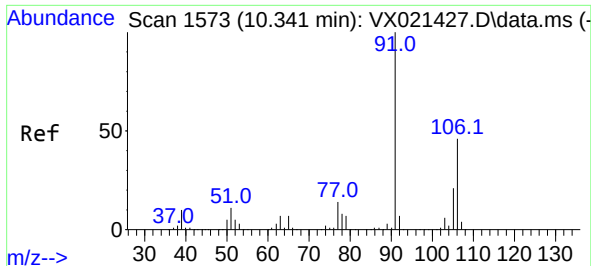
Tgt Ion:	117	Resp:	115434
Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.4	71.2
119	32.0	26.6	39.8



#67
Ethyl Benzene
Concen: 5.72 ug/l
RT: 10.236 min Scan# 1555
Delta R.T. 0.001 min
Lab File: VX021579.D
Acq: 29 Mar 2021 16:02

Tgt Ion:	91	Resp:	24185
Ion	Ratio	Lower	Upper
91	100		
106	32.2	24.6	37.0

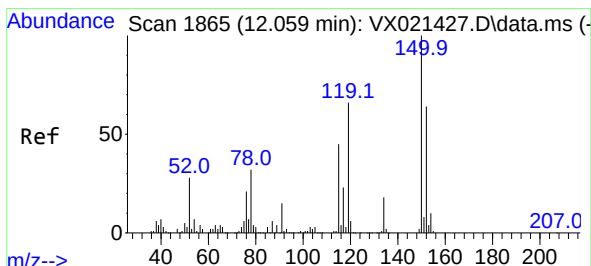
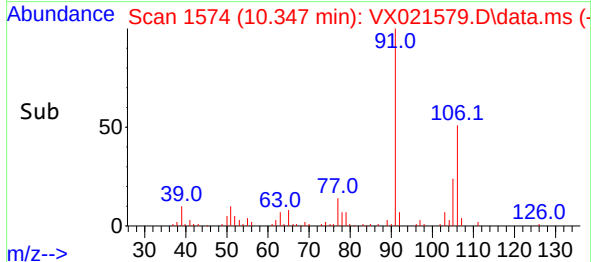
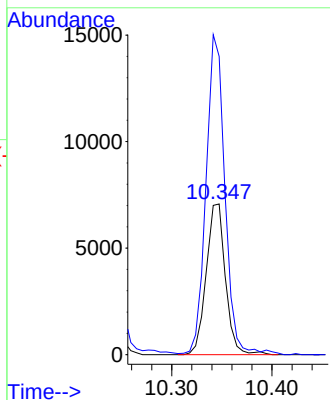
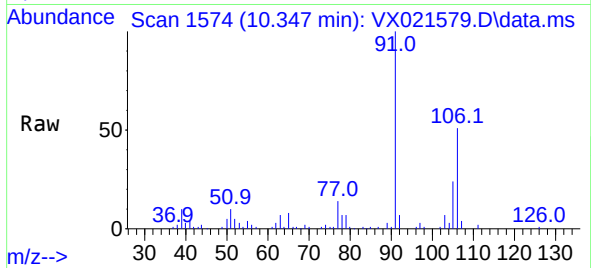




#68
m/p-Xylenes
Concen: 6.28 ug/l
RT: 10.347 min Scan# 1574
Delta R.T. 0.006 min
Lab File: VX021579.D
Acq: 29 Mar 2021 16:02

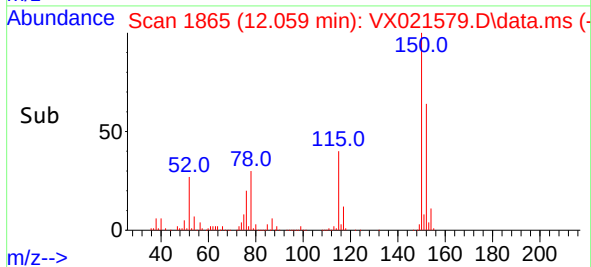
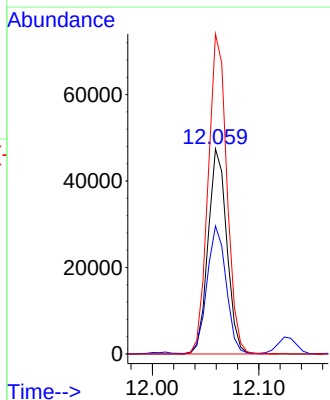
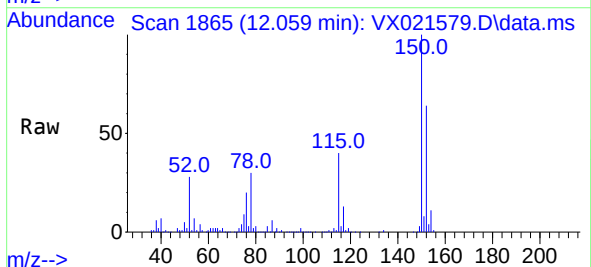
Instrument :
MSVOA_X
ClientSampled :
MW-2

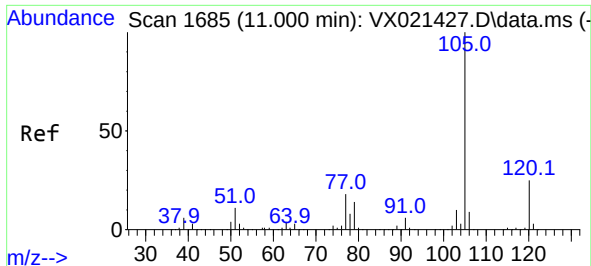
Tgt Ion:106 Resp: 9459
Ion Ratio Lower Upper
106 100
91 208.6 162.8 244.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021579.D
Acq: 29 Mar 2021 16:02

Tgt Ion:152 Resp: 57707
Ion Ratio Lower Upper
152 100
115 63.7 41.1 123.3
150 156.3 0.0 349.0

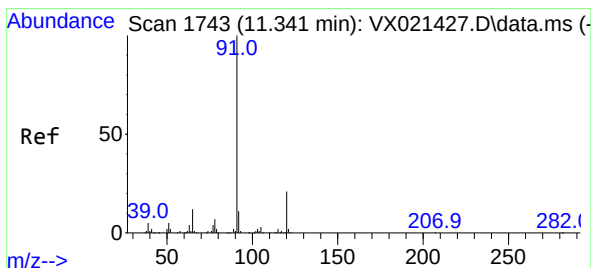
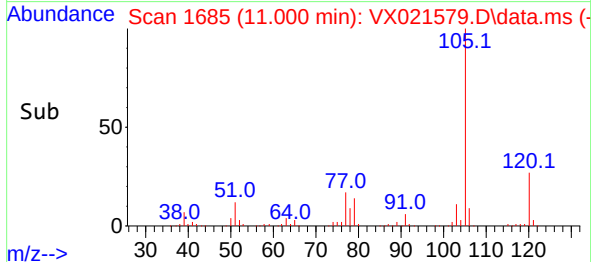
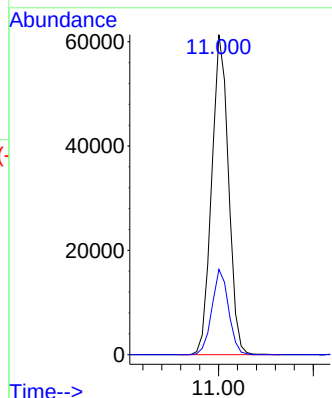
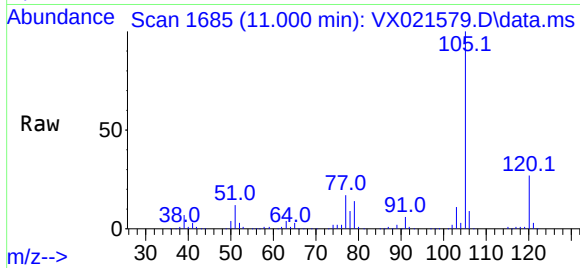




#73
Isopropylbenzene
Concen: 18.58 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021579.D
Acq: 29 Mar 2021 16:02

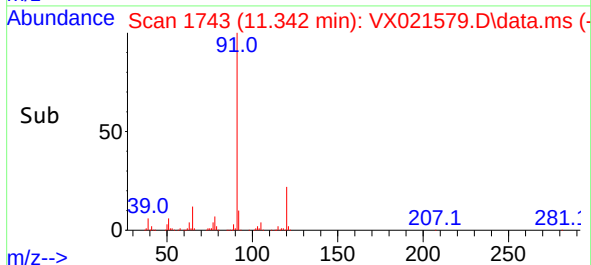
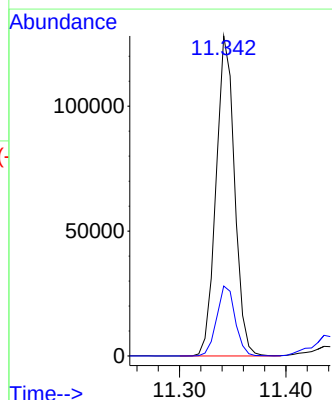
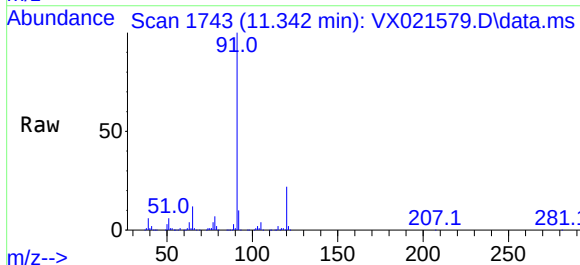
Instrument :
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ClientSampled :
MW-2

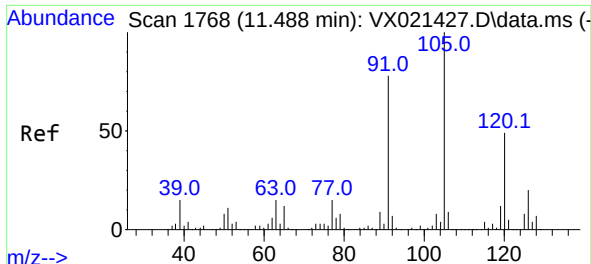
Tgt Ion:105 Resp: 75339
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#78
n-propylbenzene
Concen: 32.16 ug/l
RT: 11.342 min Scan# 1743
Delta R.T. 0.001 min
Lab File: VX021579.D
Acq: 29 Mar 2021 16:02

Tgt Ion: 91 Resp: 154000
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.5

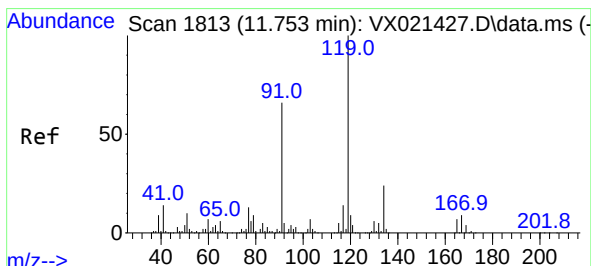
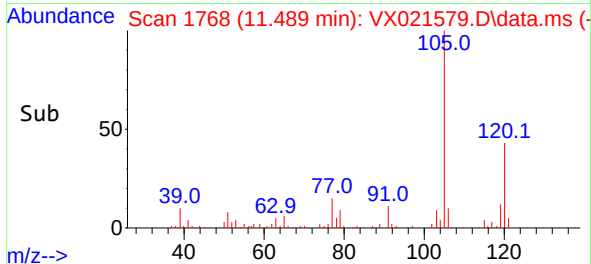
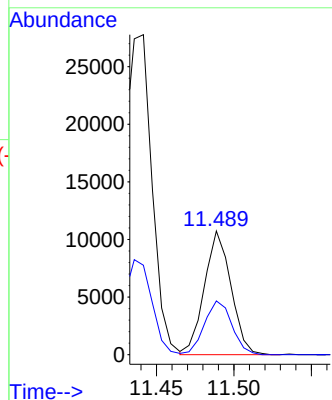
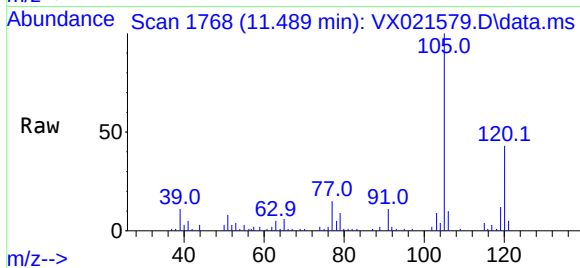




#80
1,3,5-Trimethylbenzene
Concen: 3.70 ug/l
RT: 11.489 min Scan# 1768
Delta R.T. 0.001 min
Lab File: VX021579.D
Acq: 29 Mar 2021 16:02

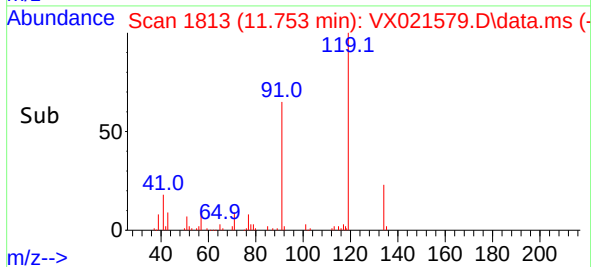
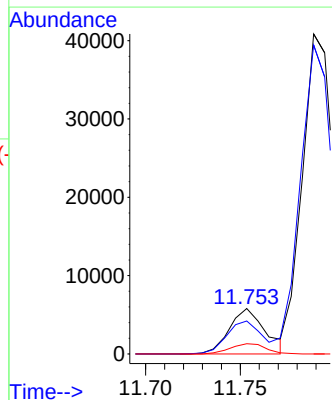
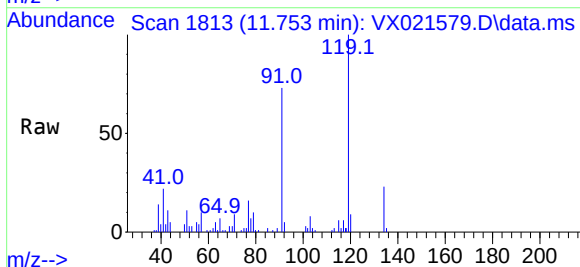
Instrument :
MSVOA_X
ClientSampled :
MW-2

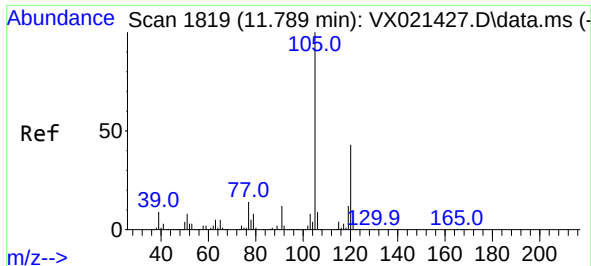
Tgt Ion:105 Resp: 12821
Ion Ratio Lower Upper
105 100
120 44.8 23.8 71.5



#83
tert-Butylbenzene
Concen: 2.25 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VX021579.D
Acq: 29 Mar 2021 16:02

Tgt Ion:119 Resp: 7593
Ion Ratio Lower Upper
119 100
91 70.3 27.9 83.7
134 22.4 11.3 33.9

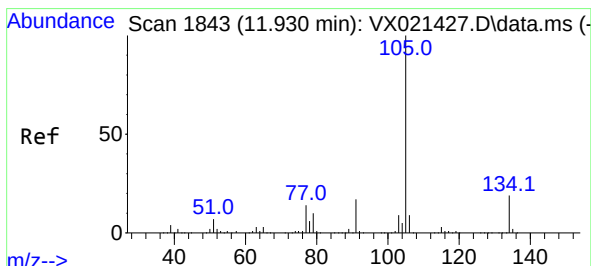
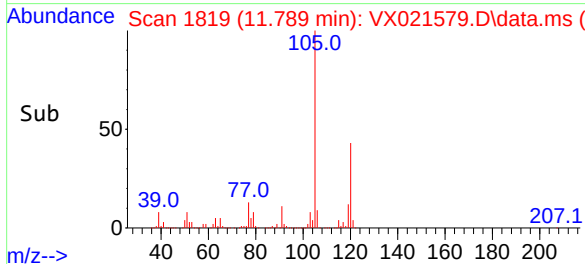
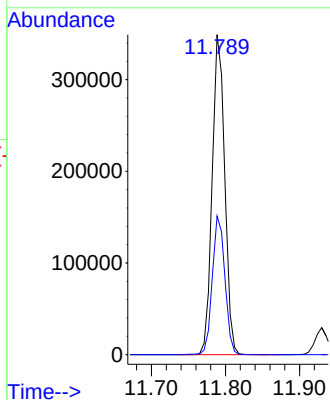
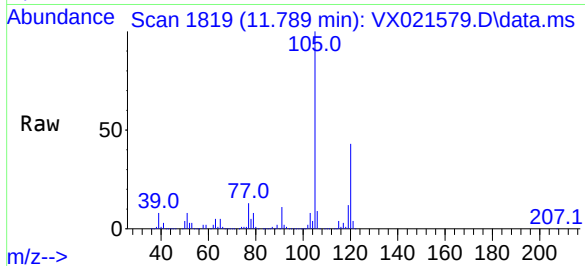




#84
1,2,4-Trimethylbenzene
Concen: 117.52 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021579.D
Acq: 29 Mar 2021 16:02

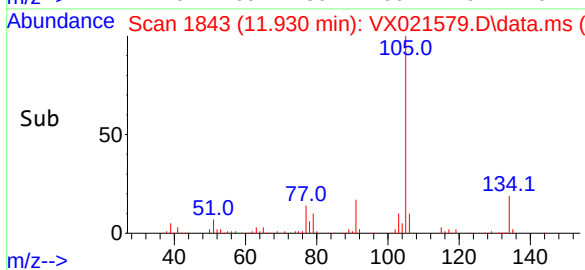
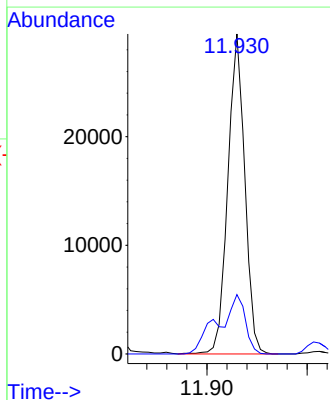
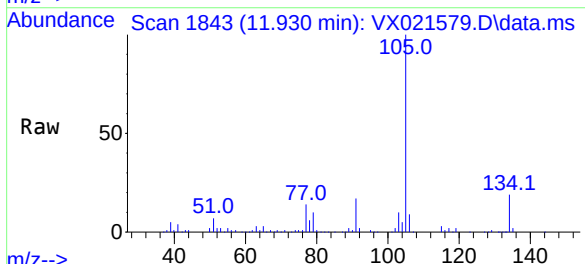
Instrument :
MSVOA_X
ClientSampleId :
MW-2

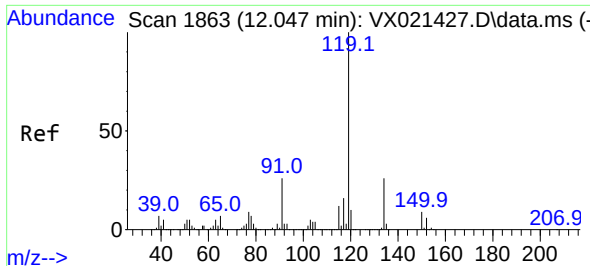
Tgt Ion:105 Resp: 410364
Ion Ratio Lower Upper
105 100
120 43.5 22.4 67.3



#85
sec-Butylbenzene
Concen: 8.87 ug/l
RT: 11.930 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX021579.D
Acq: 29 Mar 2021 16:02

Tgt Ion:105 Resp: 34495
Ion Ratio Lower Upper
105 100
134 16.4 10.0 29.8

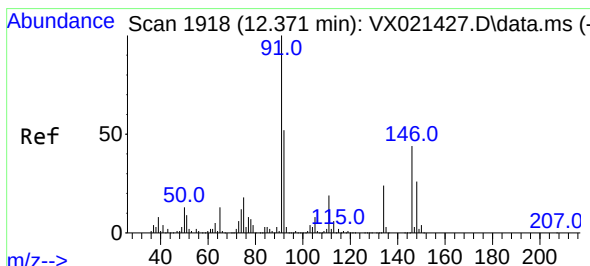
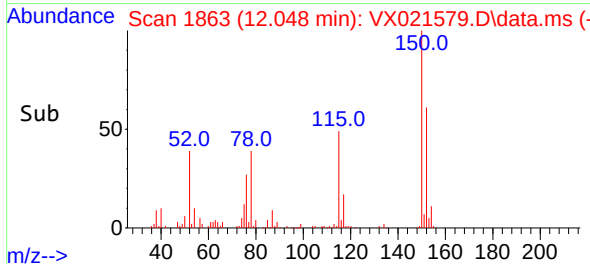
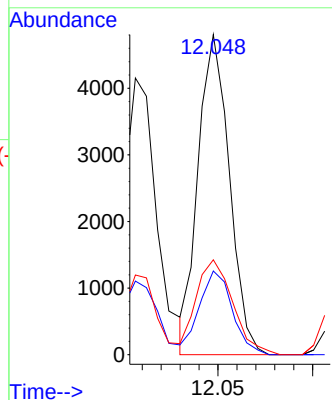
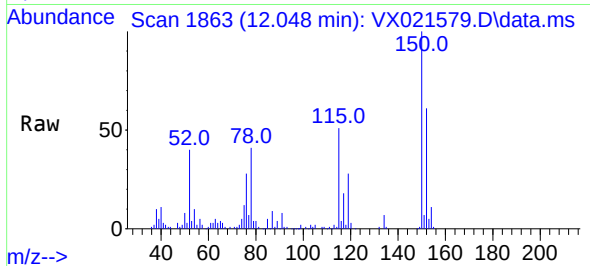




#86
p-Isopropyltoluene
Concen: 1.56 ug/l
RT: 12.048 min Scan# 1863
Delta R.T. 0.001 min
Lab File: VX021579.D
Acq: 29 Mar 2021 16:02

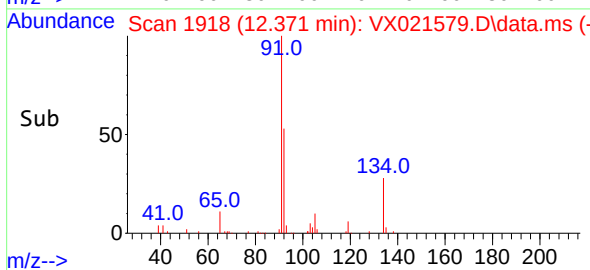
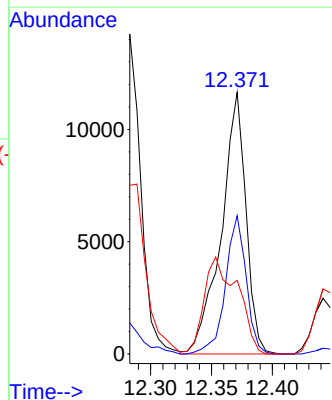
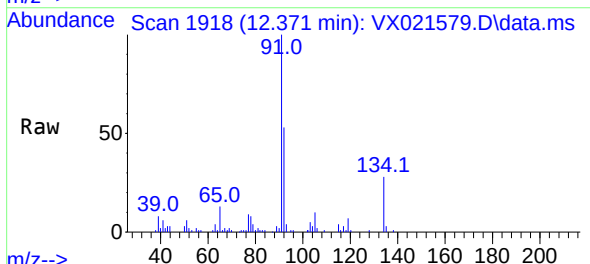
Instrument :
MSVOA_X
ClientSampled :
MW-2

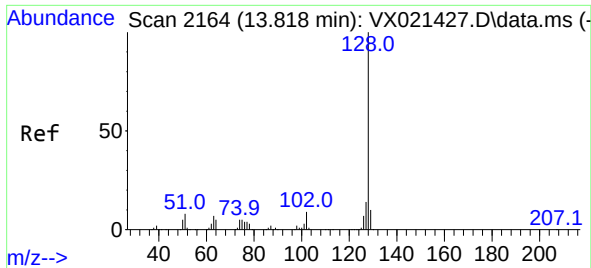
Tgt Ion:	119	Resp:	5507
Ion	Ratio	Lower	Upper
119	100		
134	27.6	12.9	38.7
91	34.8	11.7	35.0



#89
n-Butylbenzene
Concen: 5.07 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. 0.000 min
Lab File: VX021579.D
Acq: 29 Mar 2021 16:02

Tgt Ion:	91	Resp:	16461
Ion	Ratio	Lower	Upper
91	100		
92	44.3	27.4	82.0
134	50.0	13.2	39.5#





#95
Naphthalene
Concen: 4.20 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021579.D
Acq: 29 Mar 2021 16:02

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.9	8.8	13.2

