

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021578.D
 Acq On : 29 Mar 2021 15:39
 Operator : JC/MD
 Sample : M1785-17 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FD-032321

Quant Time: Mar 30 03:28:46 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)

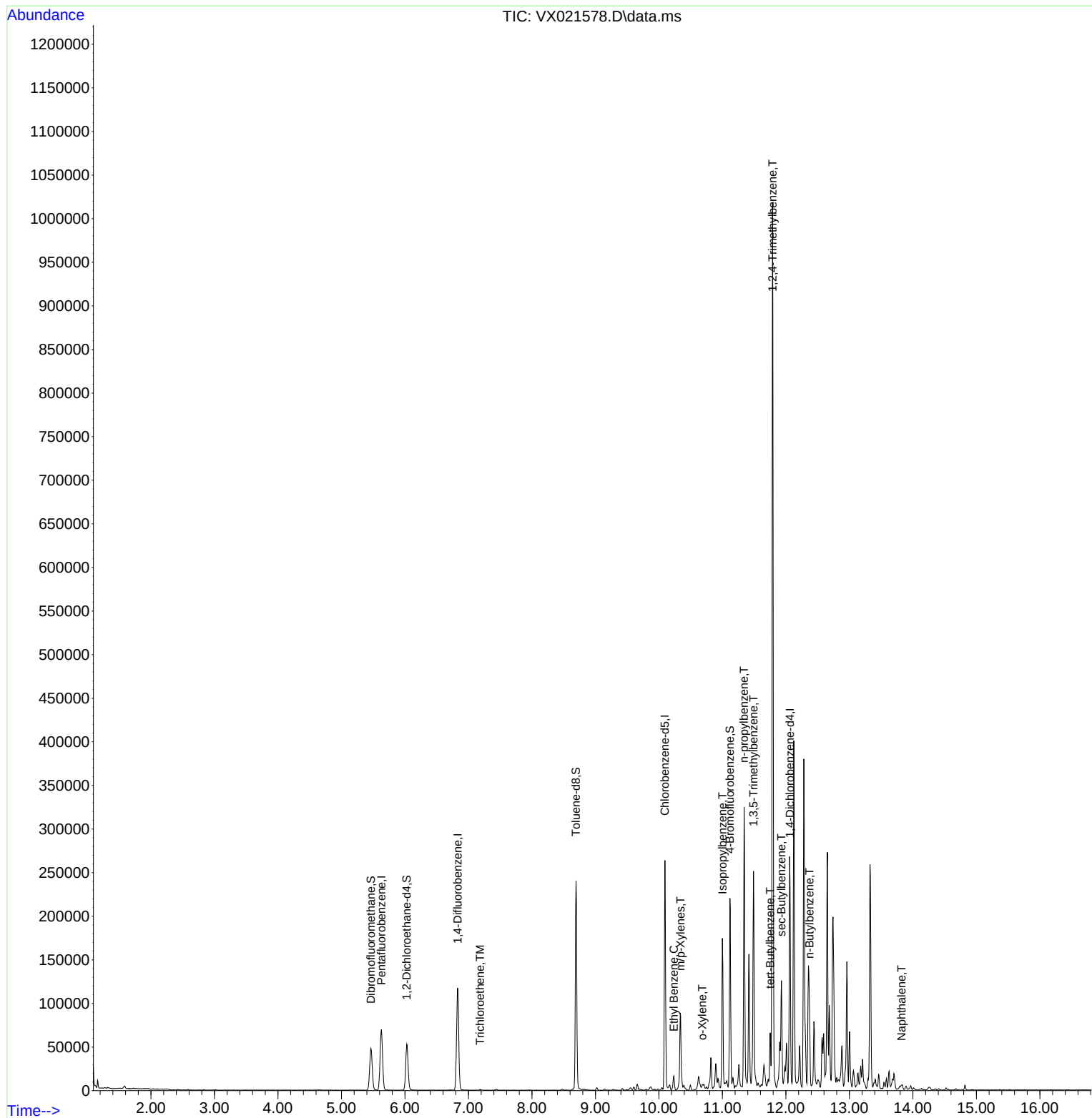
Internal Standards						
1) Pentafluorobenzene	5.629	168	60301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	109753	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	108566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	50719	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	51927	51.75	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.50%	
35) Dibromofluoromethane	5.464	113	39637	50.84	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.68%	
50) Toluene-d8	8.694	98	135892	48.92	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.84%	
62) 4-Bromofluorobenzene	11.118	95	55599	51.48	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.96%	
Target Compounds						
44) Trichloroethene	7.182	130	254	0.32	ug/l	Qvalue 71
67) Ethyl Benzene	10.235	91	7966	2.00	ug/l	98
68) m/p-Xylenes	10.341	106	17301	12.22	ug/l	90
69) o-Xylene	10.683	106	749	0.55	ug/l	77
73) Isopropylbenzene	11.000	105	82914	23.27	ug/l	98
78) n-propylbenzene	11.342	91	187261	44.50	ug/l	97
80) 1,3,5-Trimethylbenzene	11.489	105	97557	32.04	ug/l	98
83) tert-Butylbenzene	11.753	119	11658	3.93	ug/l	85
84) 1,2,4-Trimethylbenzene	11.789	105	414531	135.07	ug/l	99
85) sec-Butylbenzene	11.930	105	53076	15.52	ug/l	81
89) n-Butylbenzene	12.371	91	39762	13.94	ug/l	# 70
95) Naphthalene	13.818	128	2414	0.73	ug/l	# 92

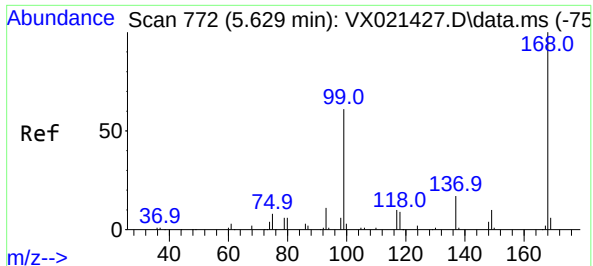
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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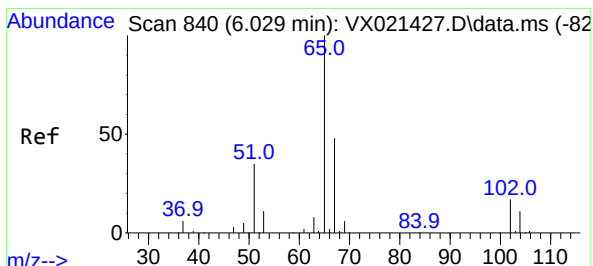
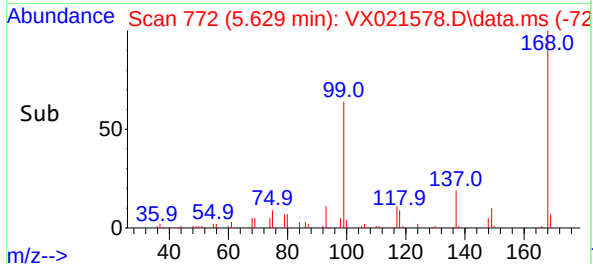
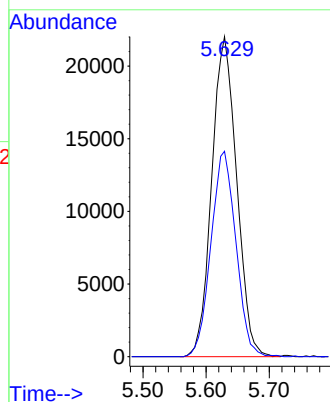
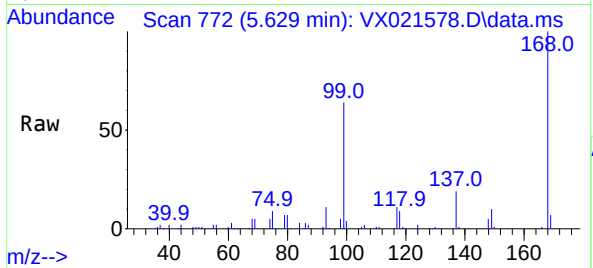




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021578.D
Acq: 29 Mar 2021 15:39

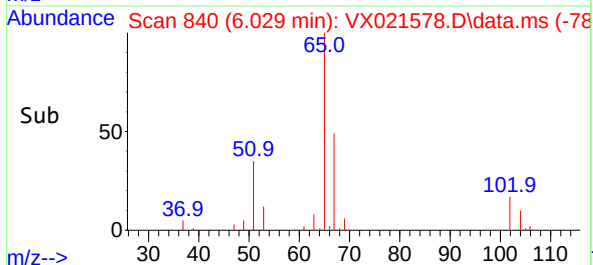
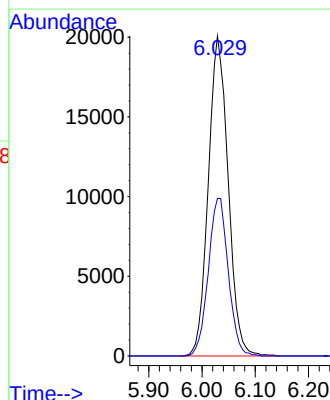
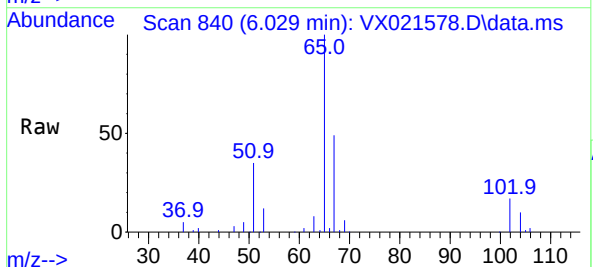
Instrument :
MSVOA_X
ClientSampleId :
FD-032321

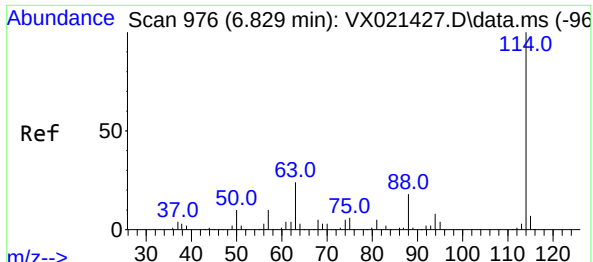
Tgt Ion:168 Resp: 60301
Ion Ratio Lower Upper
168 100
99 64.2 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 51.75 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021578.D
Acq: 29 Mar 2021 15:39

Tgt Ion: 65 Resp: 51927
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.4



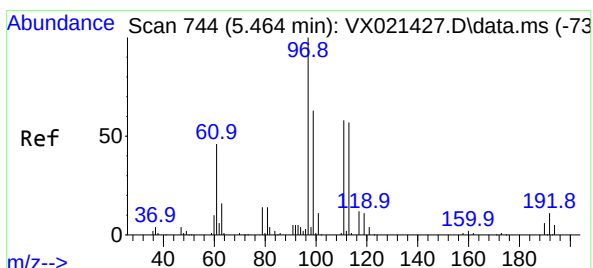
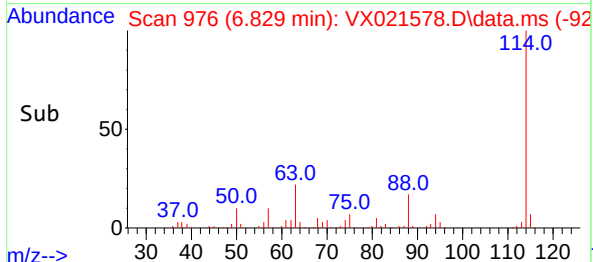
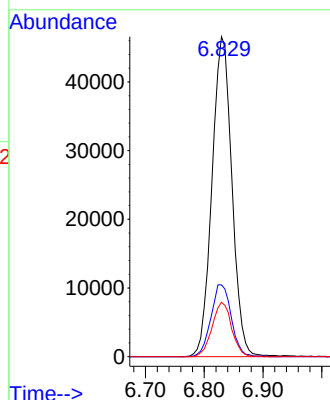
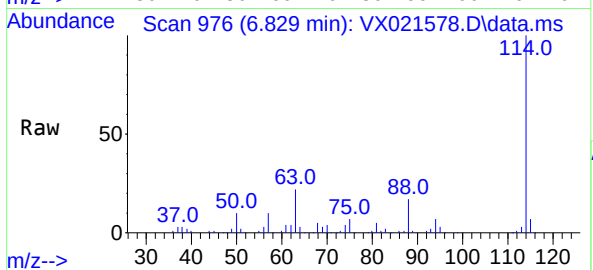


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021578.D
Acq: 29 Mar 2021 15:39

Instrument :
MSVOA_X
ClientSampleId :
FD-032321

Tgt Ion:114 Resp: 109753

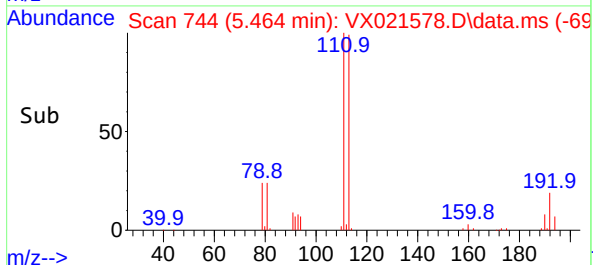
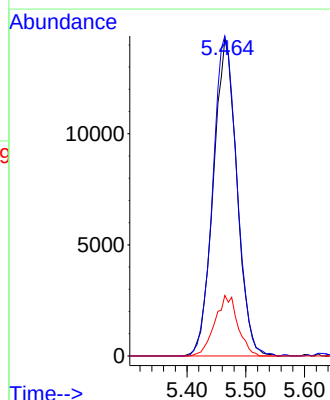
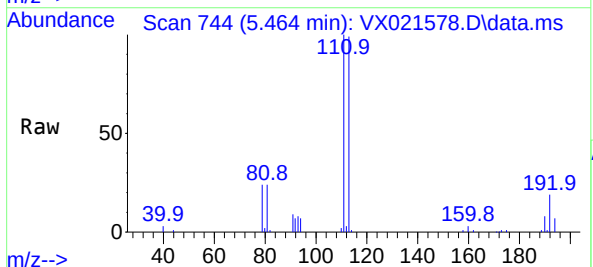
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	40.8
88	17.0	0.0	32.8

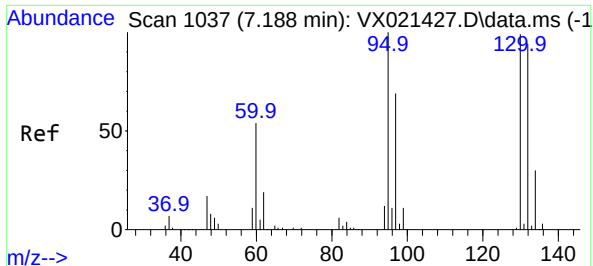


#35
Dibromofluoromethane
Concen: 50.84 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021578.D
Acq: 29 Mar 2021 15:39

Tgt Ion:113 Resp: 39637

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	18.6	16.7	25.1

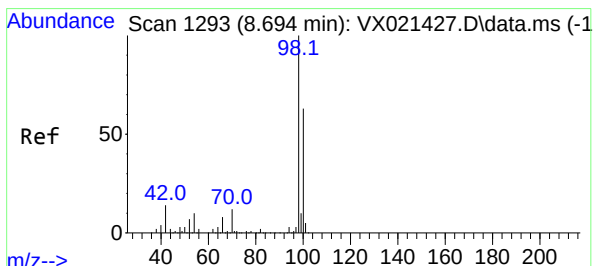
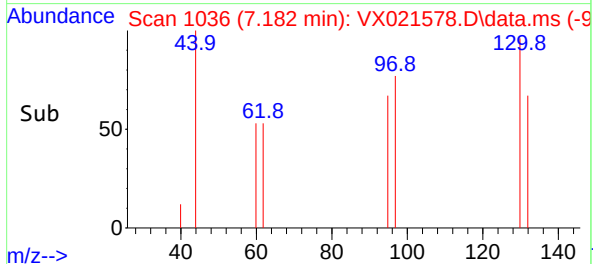
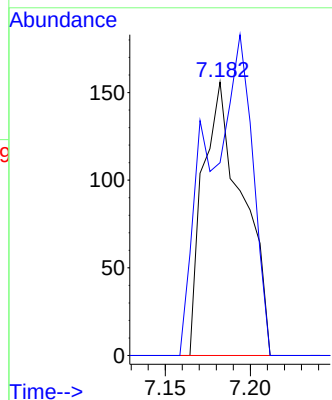
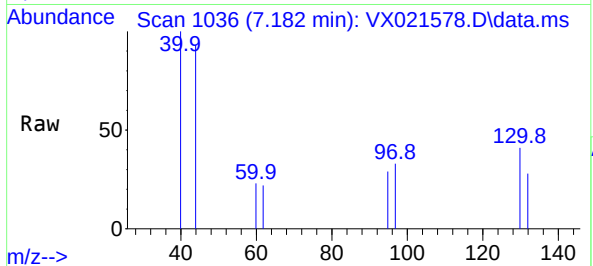




#44
Trichloroethene
Concen: 0.32 ug/l
RT: 7.182 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VX021578.D
Acq: 29 Mar 2021 15:39

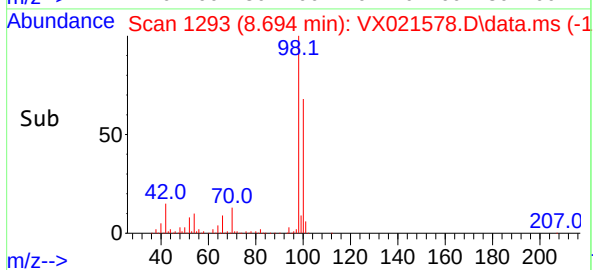
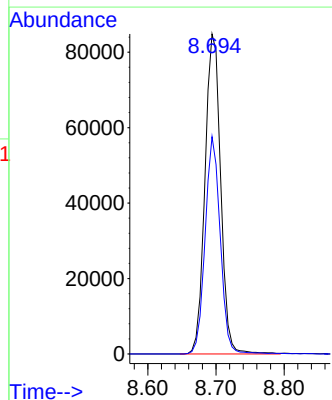
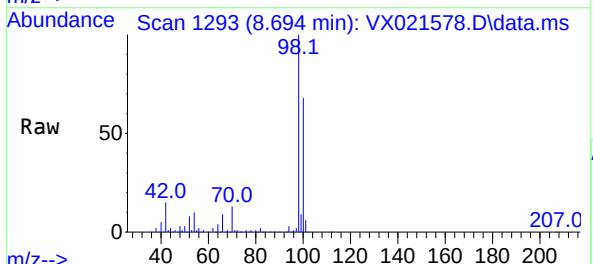
Instrument :
MSVOA_X
ClientSampled :
FD-032321

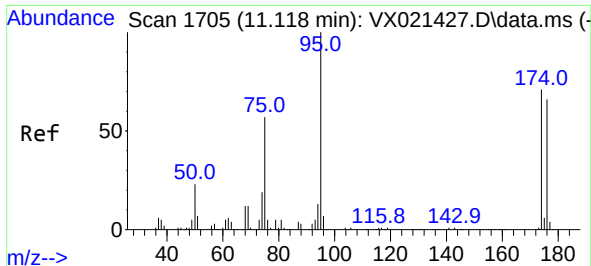
Tgt Ion:130 Resp: 254
Ion Ratio Lower Upper
130 100
95 70.5 0.0 198.0



#50
Toluene-d8
Concen: 48.92 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021578.D
Acq: 29 Mar 2021 15:39

Tgt Ion: 98 Resp: 135892
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

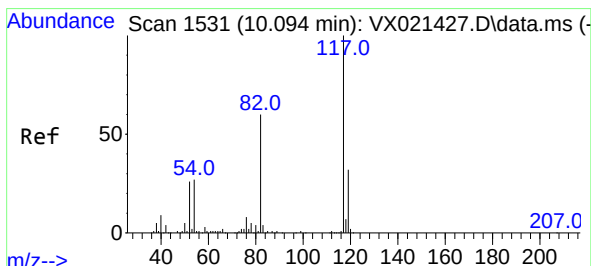
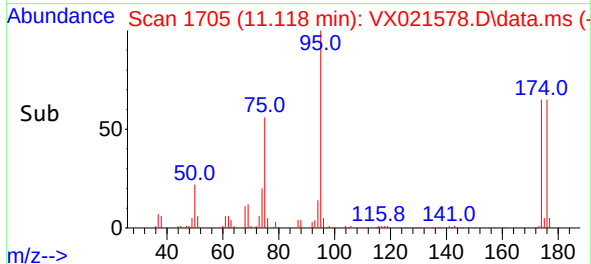
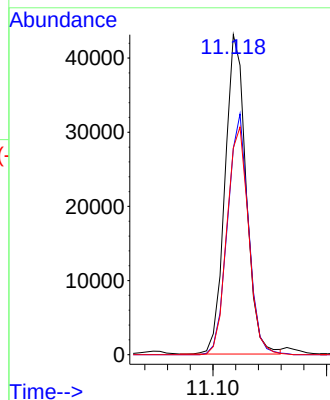
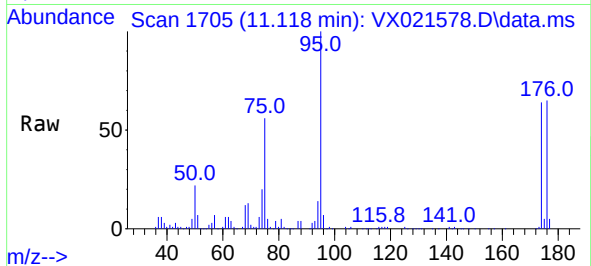




#62
4-Bromofluorobenzene
Concen: 51.48 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021578.D
Acq: 29 Mar 2021 15:39

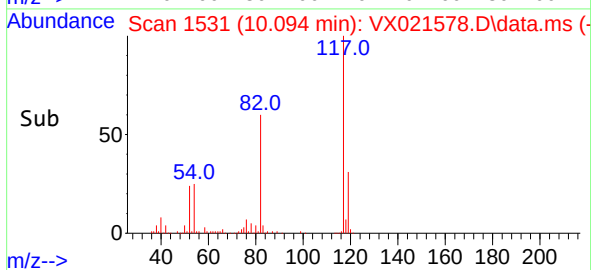
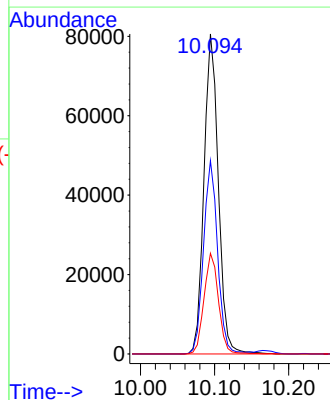
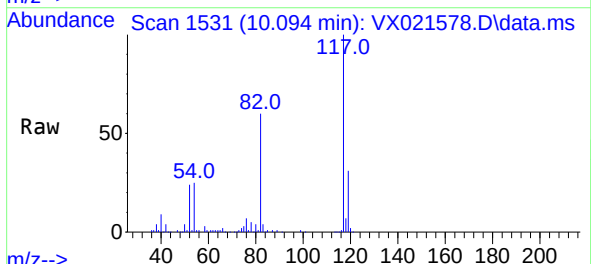
Instrument :
MSVOA_X
ClientSampleId :
FD-032321

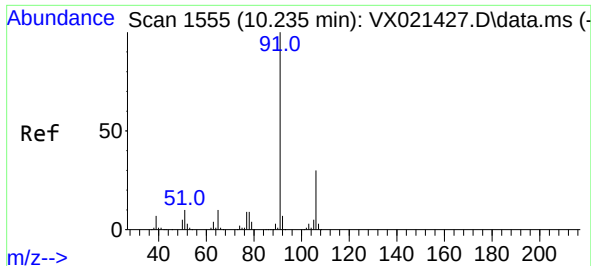
Tgt Ion: 95 Resp: 55599
Ion Ratio Lower Upper
95 100
174 74.5 0.0 154.6
176 72.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021578.D
Acq: 29 Mar 2021 15:39

Tgt Ion: 117 Resp: 108566
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 31.4 26.6 39.8

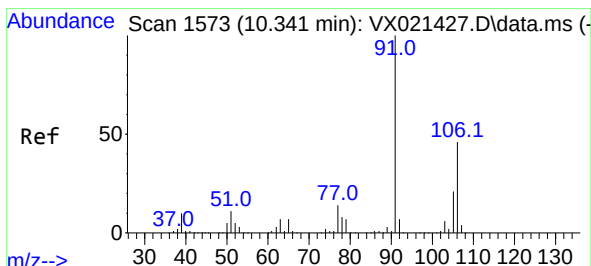
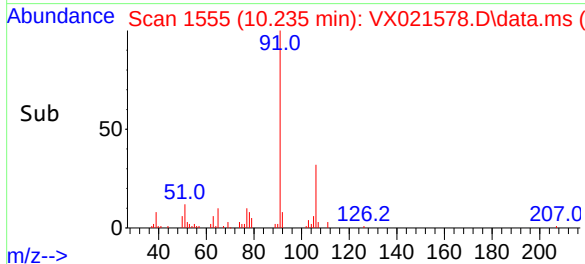
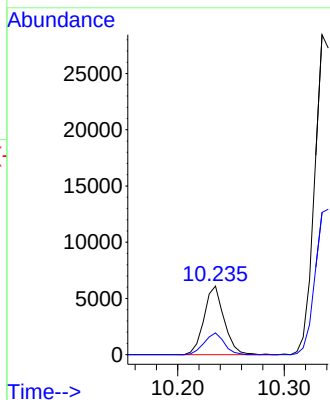
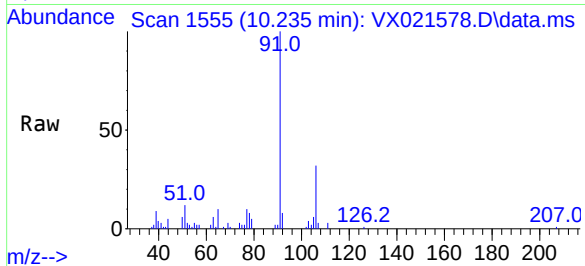




#67
Ethyl Benzene
Concen: 2.00 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021578.D
Acq: 29 Mar 2021 15:39

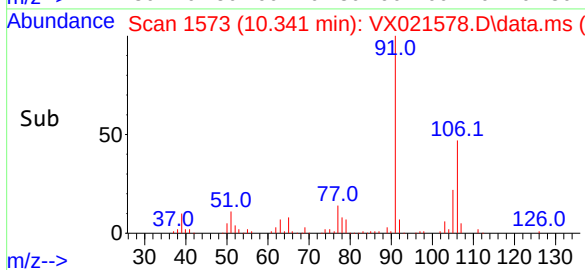
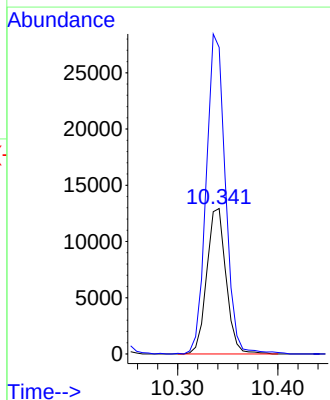
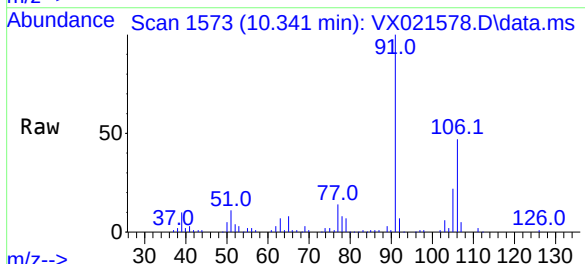
Instrument :
MSVOA_X
ClientSampled :
FD-032321

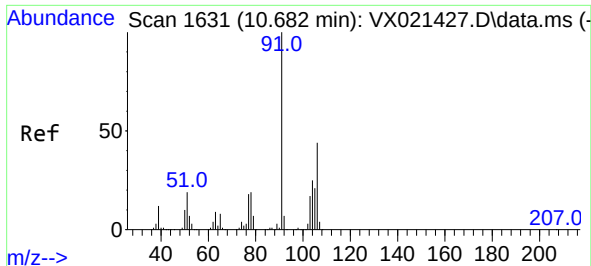
Tgt Ion: 91 Resp: 7966
Ion Ratio Lower Upper
91 100
106 31.7 24.6 37.0



#68
m/p-Xylenes
Concen: 12.22 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021578.D
Acq: 29 Mar 2021 15:39

Tgt Ion: 106 Resp: 17301
Ion Ratio Lower Upper
106 100
91 218.5 162.8 244.2

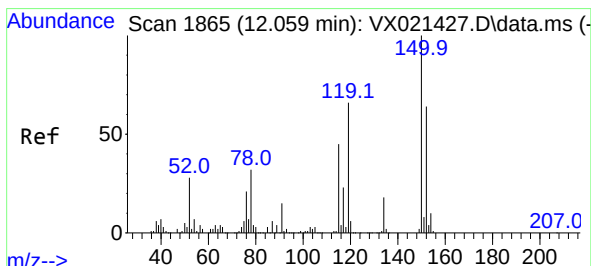
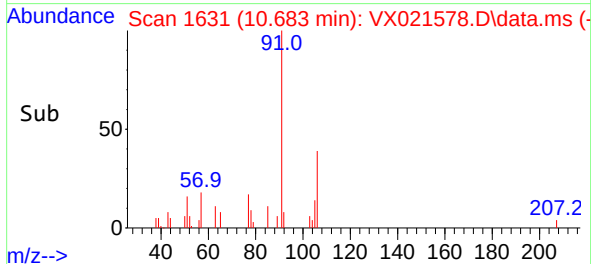
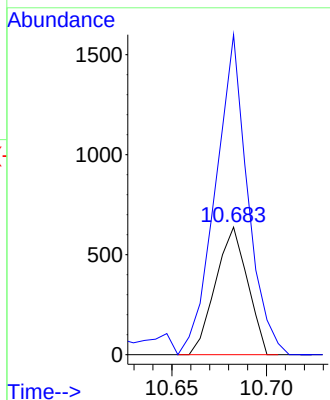
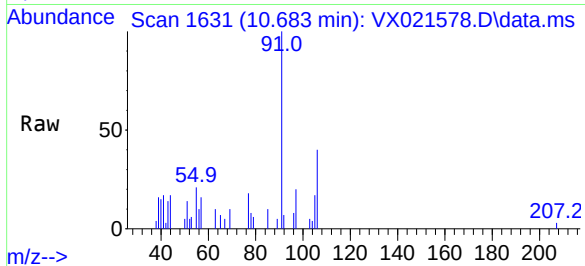




#69
o-Xylene
Concen: 0.55 ug/l
RT: 10.683 min Scan# 1631
Delta R.T. 0.001 min
Lab File: VX021578.D
Acq: 29 Mar 2021 15:39

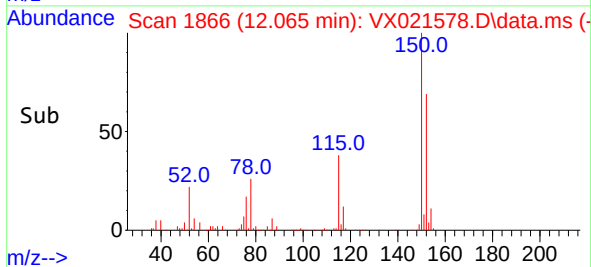
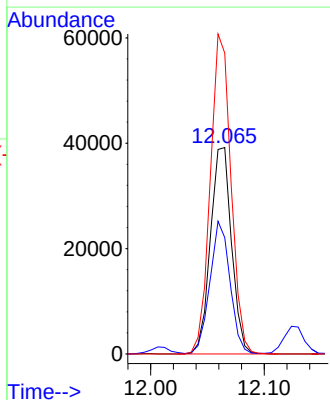
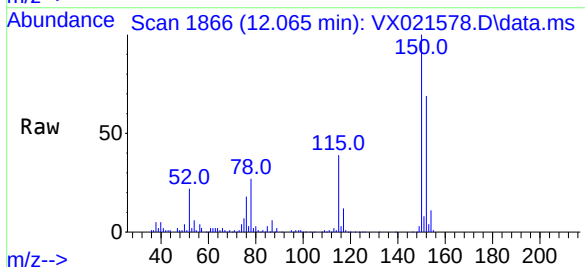
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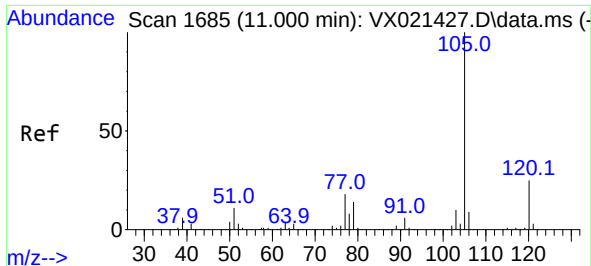
Tgt Ion:106 Resp: 749
Ion Ratio Lower Upper
106 100
91 252.7 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021578.D
Acq: 29 Mar 2021 15:39

Tgt Ion:152 Resp: 50719
Ion Ratio Lower Upper
152 100
115 60.9 41.1 123.3
150 151.4 0.0 349.0

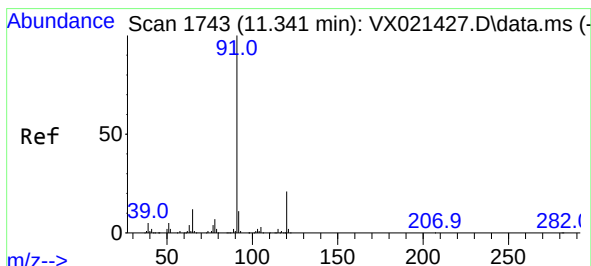
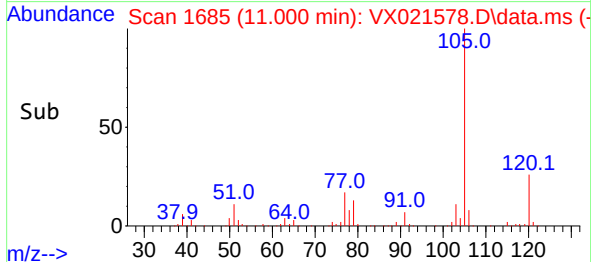
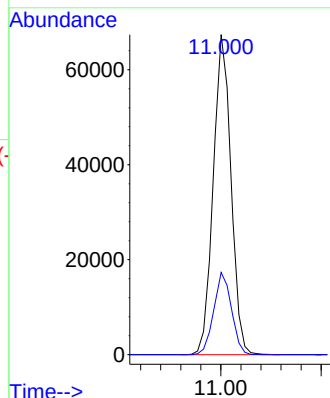
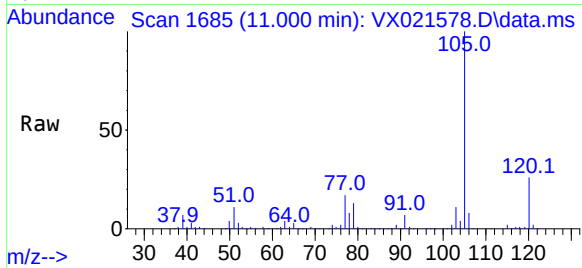




#73
Isopropylbenzene
Concen: 23.27 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021578.D
Acq: 29 Mar 2021 15:39

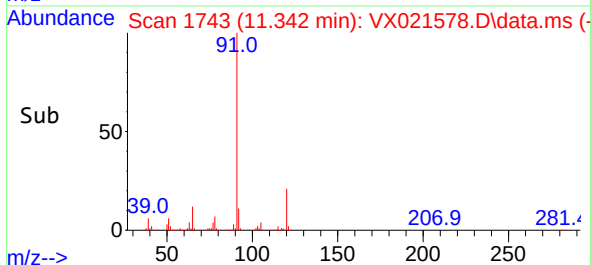
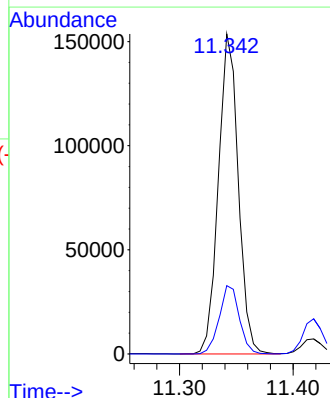
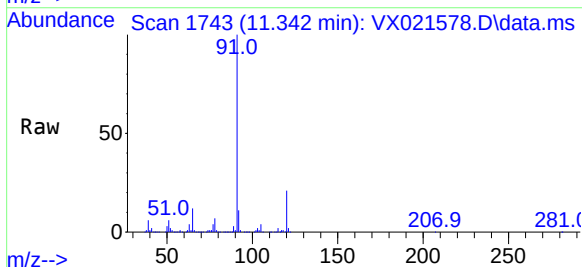
Instrument :
MSVOA_X
ClientSampled :
FD-032321

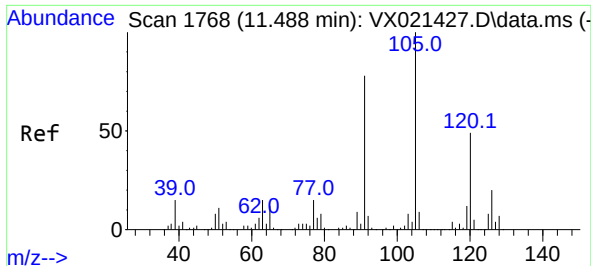
Tgt Ion:105 Resp: 82914
Ion Ratio Lower Upper
105 100
120 25.6 13.2 39.6



#78
n-propylbenzene
Concen: 44.50 ug/l
RT: 11.342 min Scan# 1743
Delta R.T. 0.001 min
Lab File: VX021578.D
Acq: 29 Mar 2021 15:39

Tgt Ion: 91 Resp: 187261
Ion Ratio Lower Upper
91 100
120 21.6 11.5 34.5

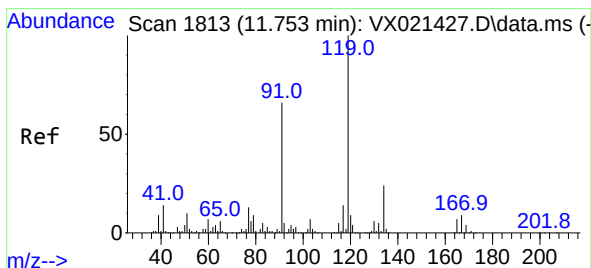
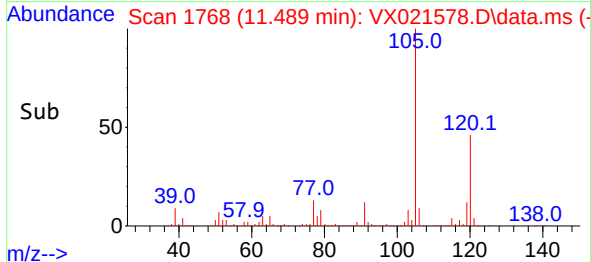
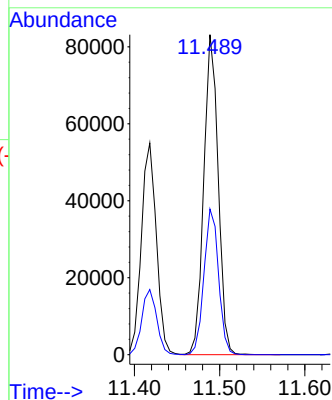
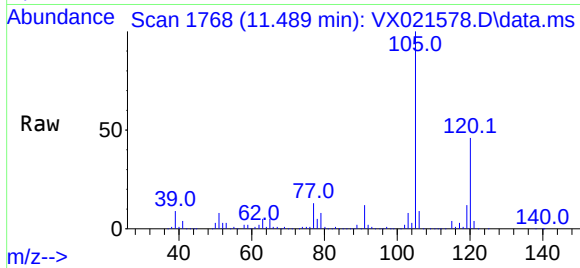




#80
1,3,5-Trimethylbenzene
Concen: 32.04 ug/l
RT: 11.489 min Scan# 1768
Delta R.T. 0.001 min
Lab File: VX021578.D
Acq: 29 Mar 2021 15:39

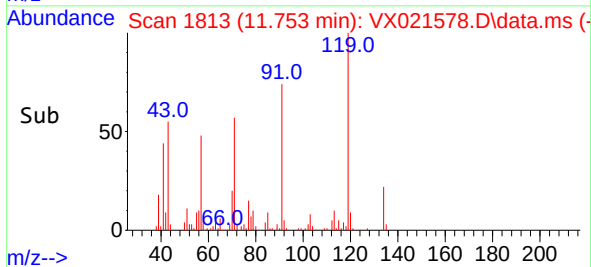
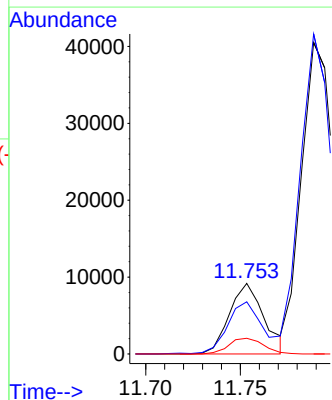
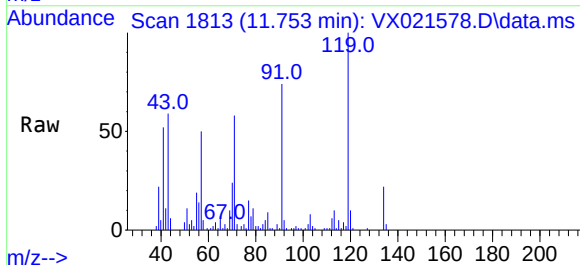
Instrument :
MSVOA_X
ClientSampled :
FD-032321

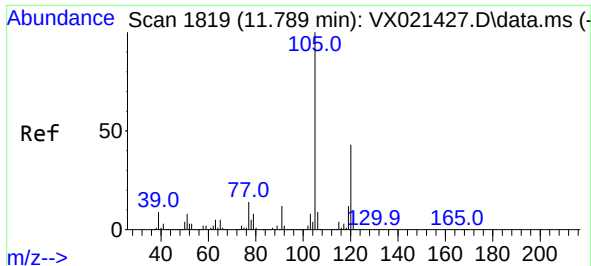
Tgt Ion:105 Resp: 97557
Ion Ratio Lower Upper
105 100
120 46.2 23.8 71.5



#83
tert-Butylbenzene
Concen: 3.93 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VX021578.D
Acq: 29 Mar 2021 15:39

Tgt Ion:119 Resp: 11658
Ion Ratio Lower Upper
119 100
91 71.3 27.9 83.7
134 22.4 11.3 33.9

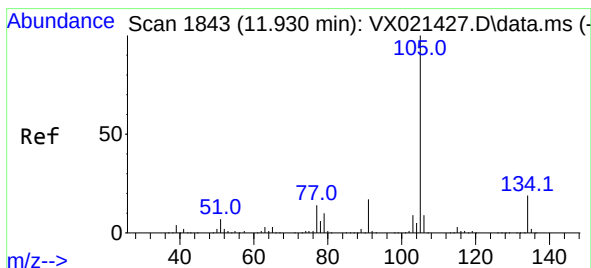
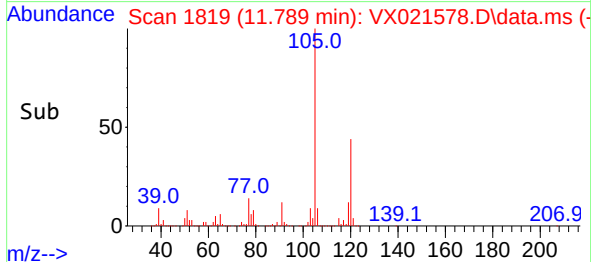
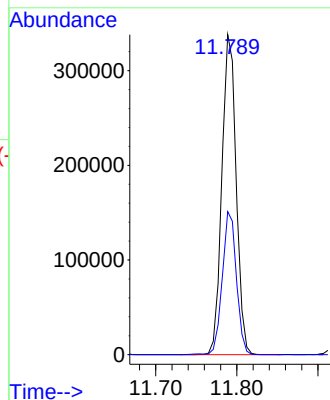
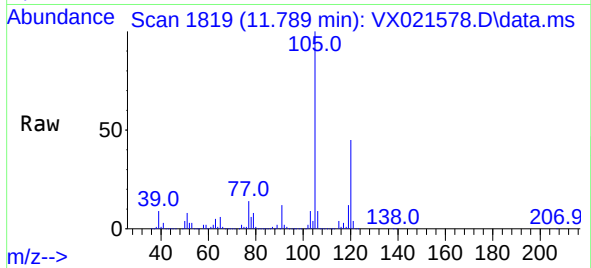




#84
1,2,4-Trimethylbenzene
Concen: 135.07 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021578.D
Acq: 29 Mar 2021 15:39

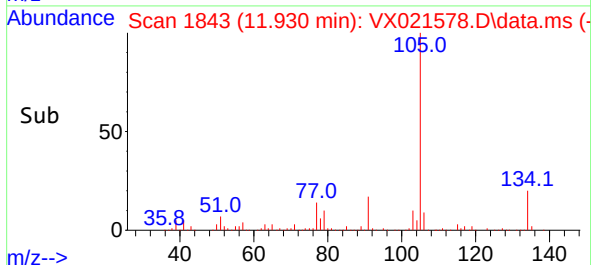
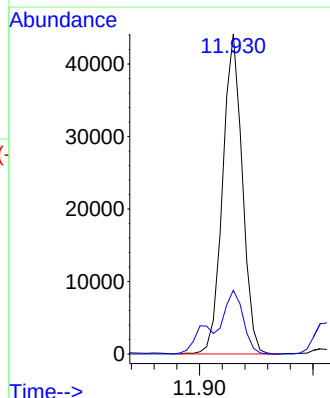
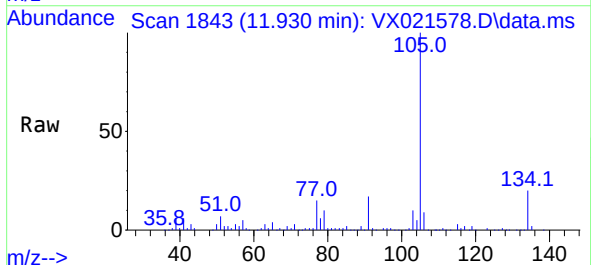
Instrument :
MSVOA_X
ClientSampleId :
FD-032321

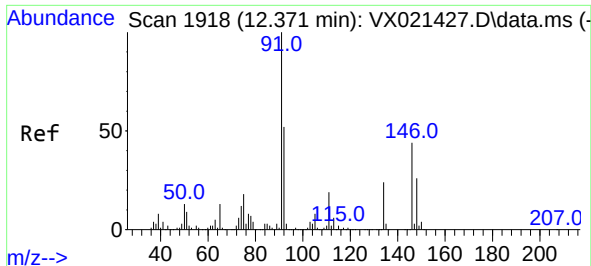
Tgt Ion:105 Resp: 414531
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.3



#85
sec-Butylbenzene
Concen: 15.52 ug/l
RT: 11.930 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX021578.D
Acq: 29 Mar 2021 15:39

Tgt Ion:105 Resp: 53076
Ion Ratio Lower Upper
105 100
134 28.5 10.0 29.8

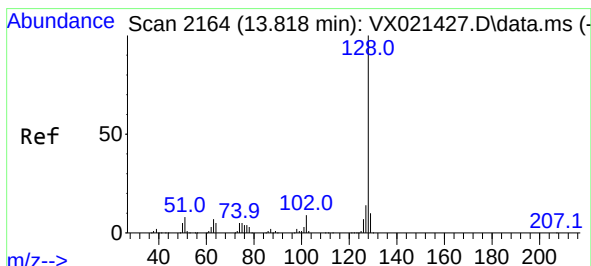
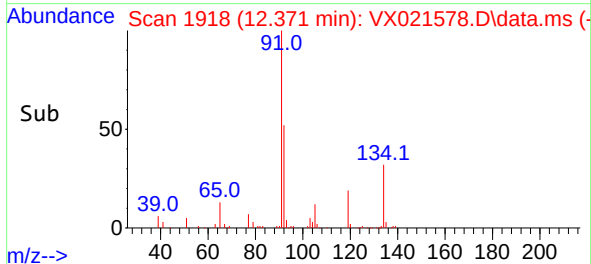
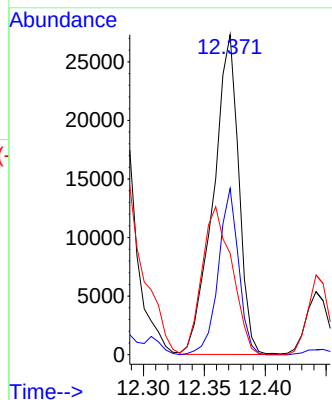
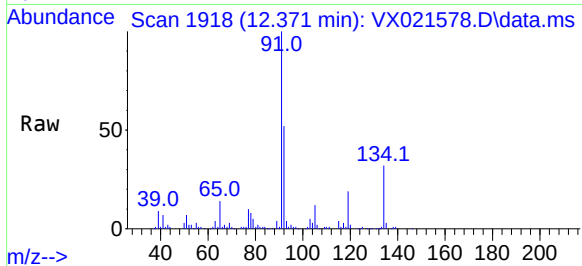




#89
n-Butylbenzene
Concen: 13.94 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. 0.000 min
Lab File: VX021578.D
Acq: 29 Mar 2021 15:39

Instrument :
MSVOA_X
ClientSampled :
FD-032321

Tgt Ion: 91 Resp: 39762
Ion Ratio Lower Upper
91 100
92 41.4 27.4 82.0
134 54.4 13.2 39.5#



#95
Naphthalene
Concen: 0.73 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021578.D
Acq: 29 Mar 2021 15:39

Tgt Ion:128 Resp: 2414
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 17.0 8.8 13.2#

