

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021224.D
 Acq On : 16 Mar 2021 01:31
 Operator : JC/MD
 Sample : M1647-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP3-30788:89

Quant Time: Mar 16 04:42:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

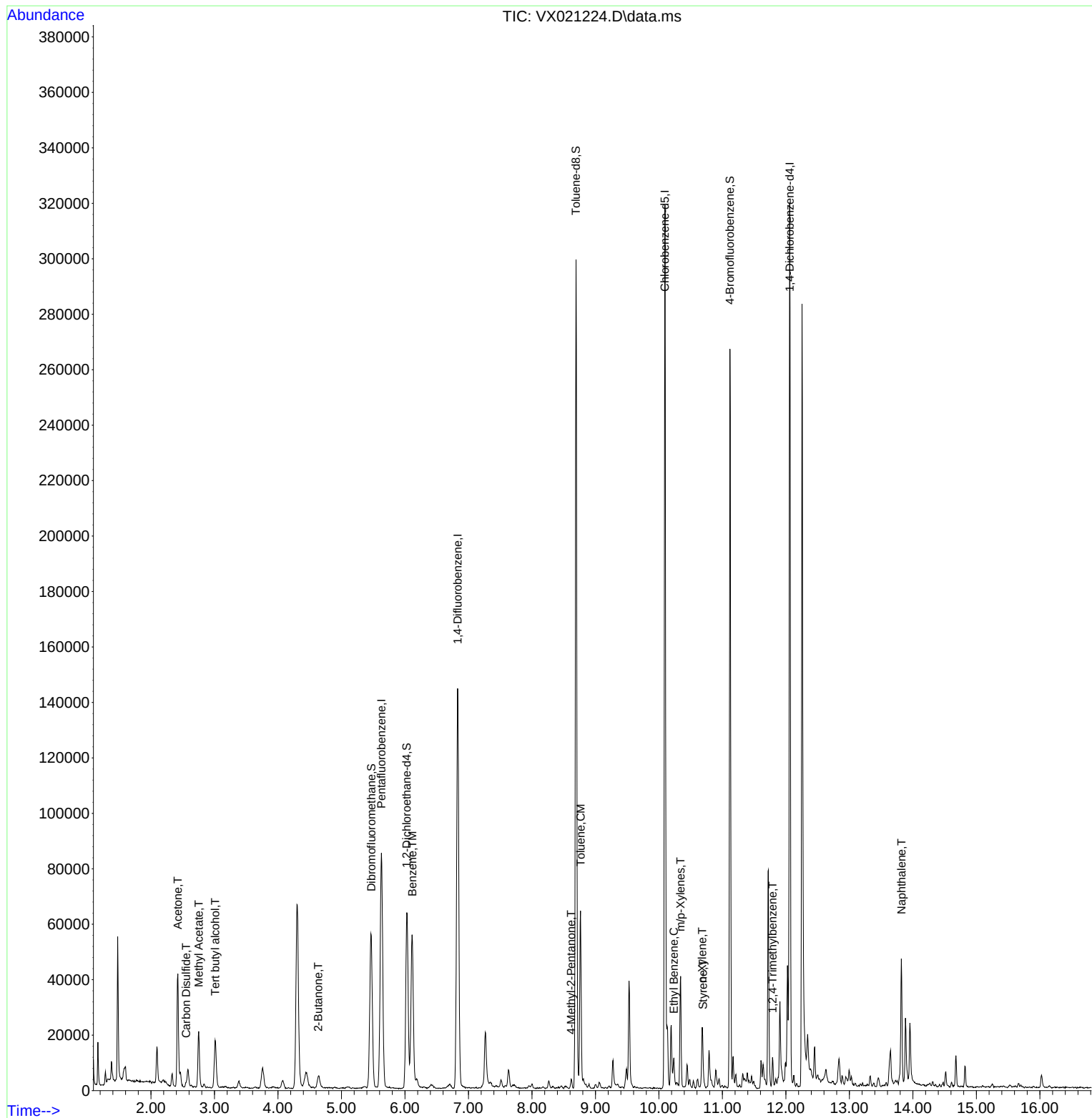
Internal Standards						
1) Pentafluorobenzene	5.629	168	72509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	134190	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	126598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	58111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	63247	51.15	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.30%
35) Dibromofluoromethane	5.470	113	45957	49.78	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.56%
50) Toluene-d8	8.694	98	168540	50.82	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.64%
62) 4-Bromofluorobenzene	11.118	95	67197	53.17	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.34%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	3.011	59	18262	84.80	ug/l	98
16) Acetone	2.423	43	43337	87.20	ug/l	89
17) Carbon Disulfide	2.552	76	1979	0.86	ug/l	96
18) Methyl Acetate	2.752	43	24116	20.04	ug/l #	88
25) 2-Butanone	4.635	43	7722	10.80	ug/l #	85
40) Benzene	6.117	78	62363	15.86	ug/l	98
51) 4-Methyl-2-Pentanone	8.618	43	1919	1.30	ug/l	87
52) Toluene	8.765	92	21976	9.27	ug/l	100
67) Ethyl Benzene	10.235	91	4859	1.00	ug/l	99
68) m/p-Xylenes	10.341	106	8587	4.92	ug/l	93
69) o-Xylene	10.683	106	3935	2.32	ug/l	99
70) Styrene	10.694	104	2364	0.82	ug/l #	71
84) 1,2,4-Trimethylbenzene	11.789	105	3487	0.91	ug/l	83
95) Naphthalene	13.818	128	18007	5.55	ug/l	99

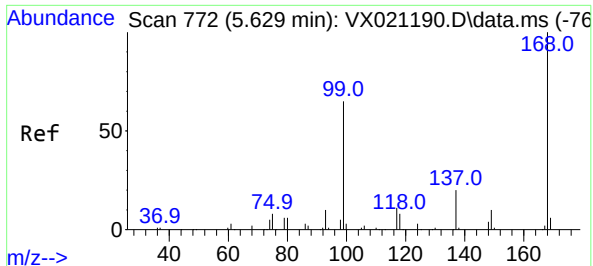
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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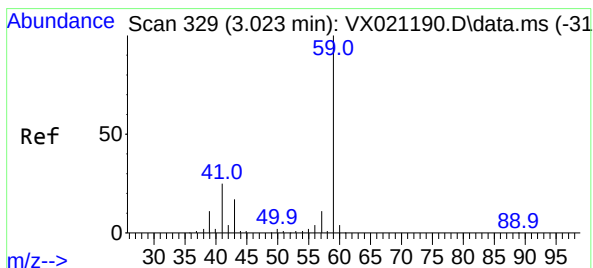
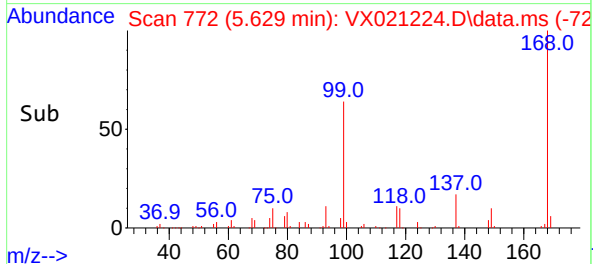
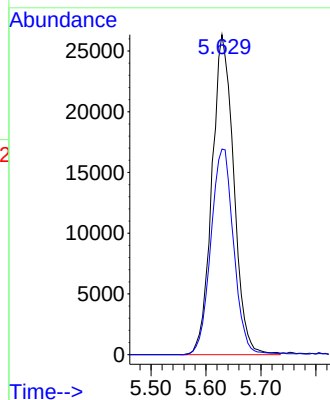
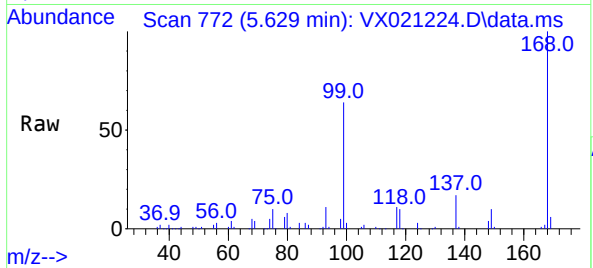




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

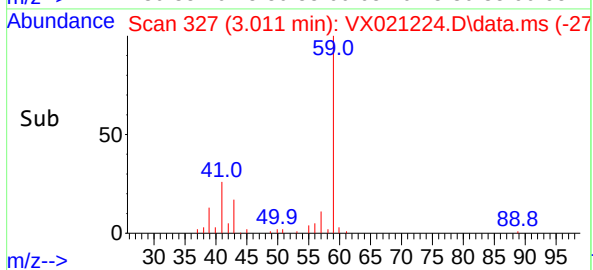
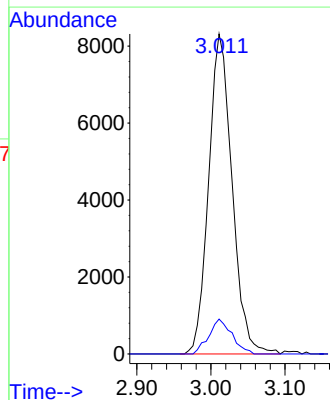
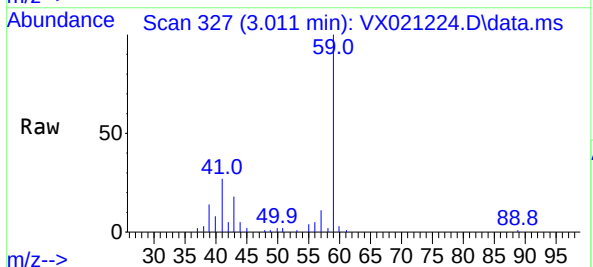
Instrument :
MSVOA_X
ClientSampleId :
COMP3-30788:89

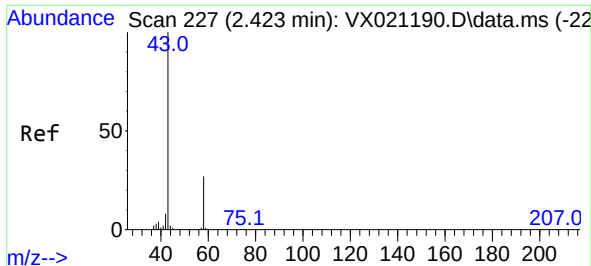
Tgt Ion:168 Resp: 72509
Ion Ratio Lower Upper
168 100
99 64.3 45.8 68.6



#11
Tert butyl alcohol
Concen: 84.80 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

Tgt Ion: 59 Resp: 18262
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8

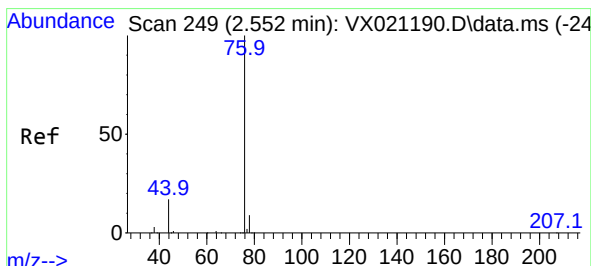
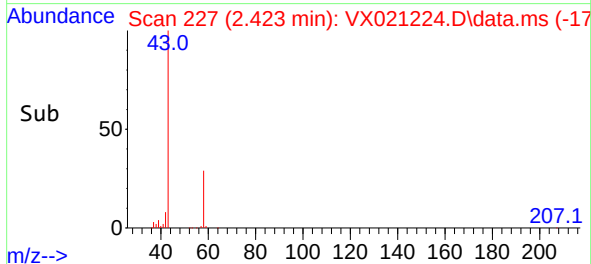
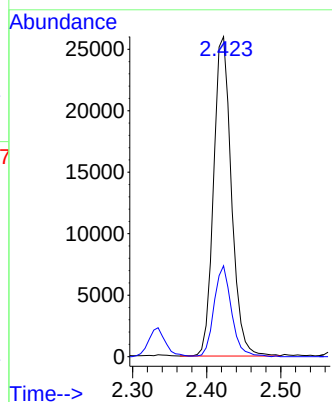
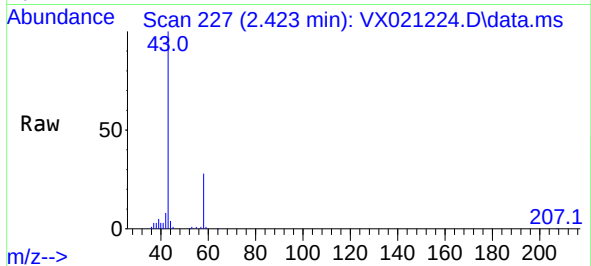




#16
Acetone
Concen: 87.20 ug/l
RT: 2.423 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

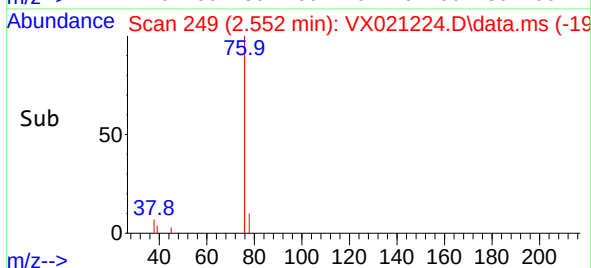
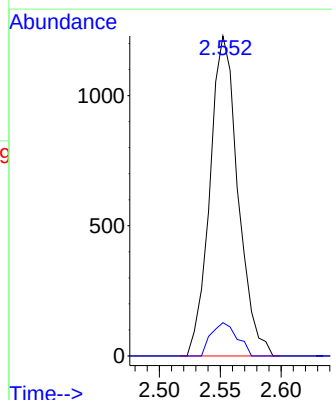
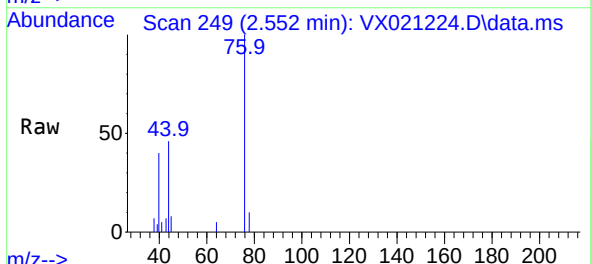
Instrument :
MSVOA_X
ClientSampleId :
COMP3-30788:89

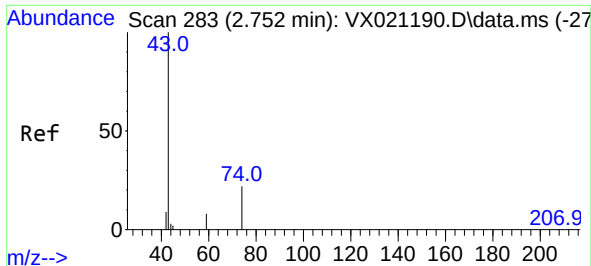
Tgt Ion: 43 Resp: 43337
Ion Ratio Lower Upper
43 100
58 28.5 27.8 41.8



#17
Carbon Disulfide
Concen: 0.86 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

Tgt Ion: 76 Resp: 1979
Ion Ratio Lower Upper
76 100
78 10.4 7.2 10.8

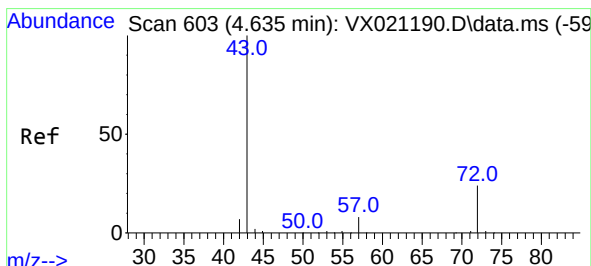
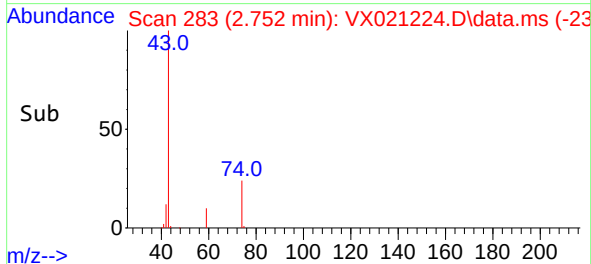
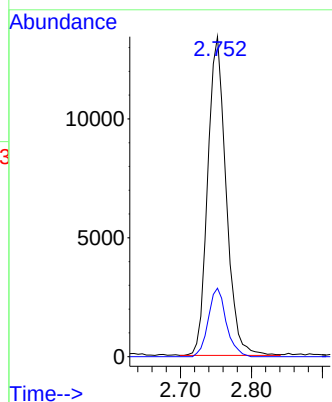
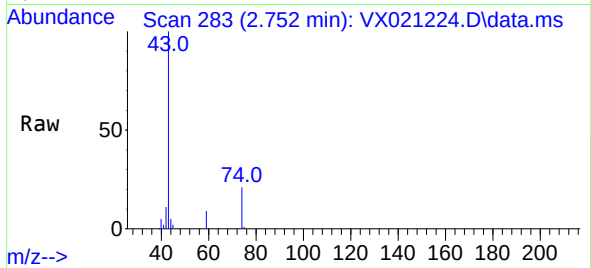




#18
Methyl Acetate
Concen: 20.04 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

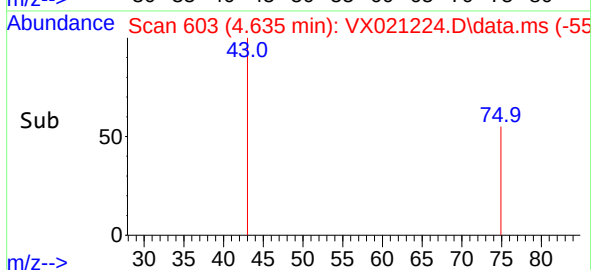
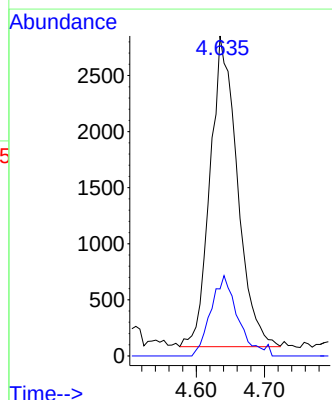
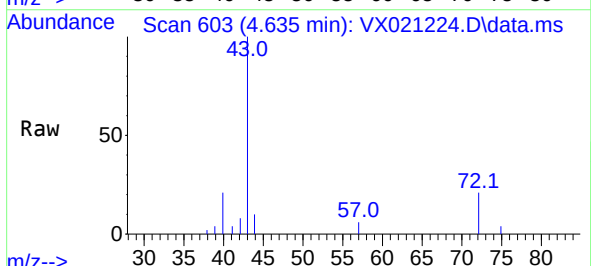
Instrument :
MSVOA_X
ClientSampleId :
COMP3-30788:89

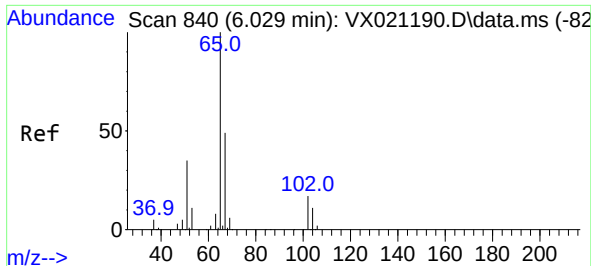
Tgt Ion: 43 Resp: 24116
Ion Ratio Lower Upper
43 100
74 21.0 21.9 32.9#



#25
2-Butanone
Concen: 10.80 ug/l
RT: 4.635 min Scan# 603
Delta R.T. 0.000 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

Tgt Ion: 43 Resp: 7722
Ion Ratio Lower Upper
43 100
72 21.5 23.7 35.5#

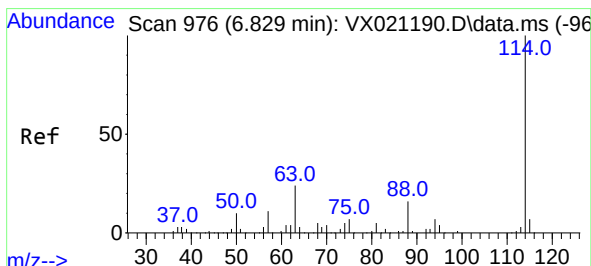
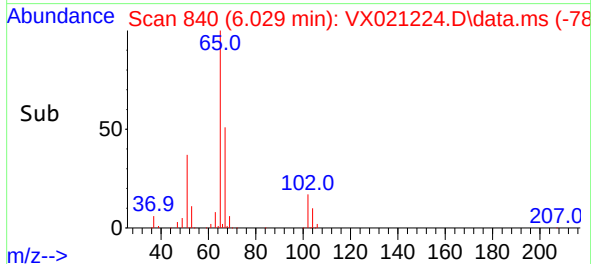
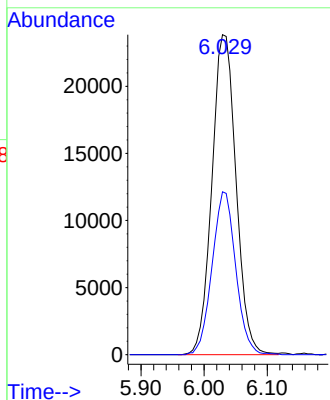
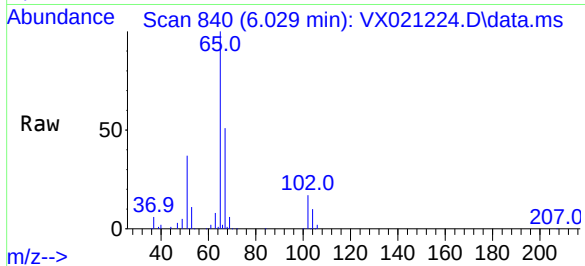




#33
1,2-Dichloroethane-d4
Concen: 51.15 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

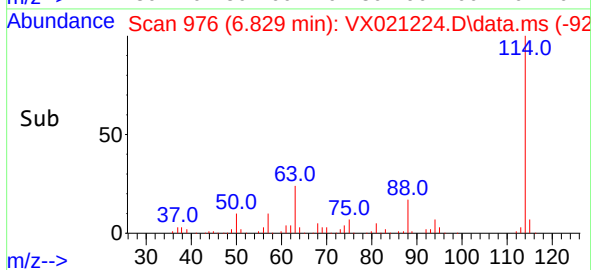
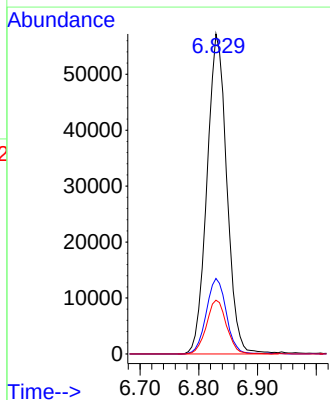
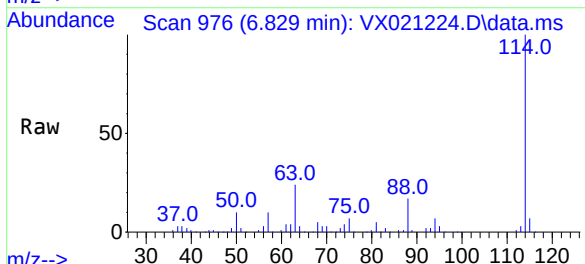
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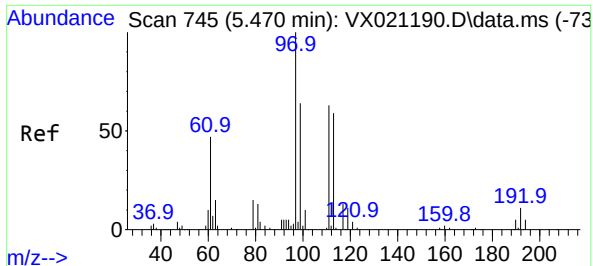
Tgt Ion: 65 Resp: 63247
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

Tgt Ion:114 Resp: 134190
Ion Ratio Lower Upper
114 100
63 23.6 0.0 40.8
88 16.8 0.0 32.8

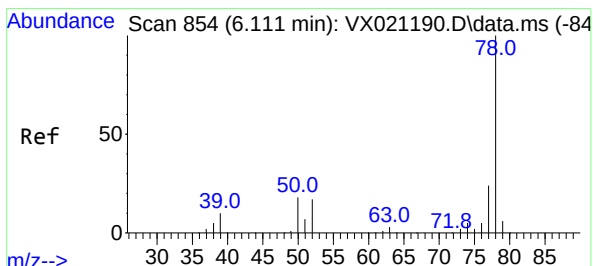
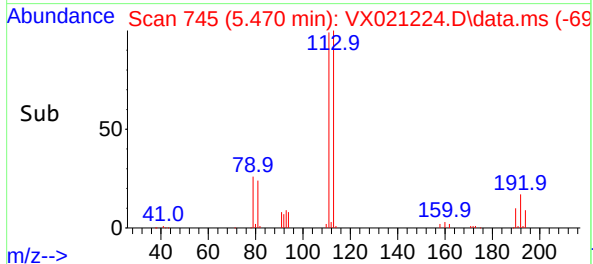
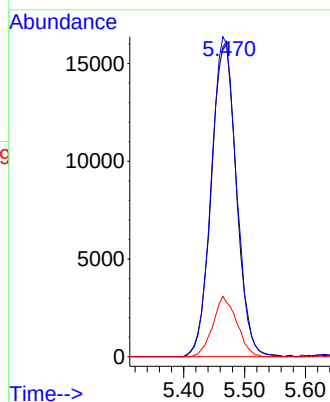
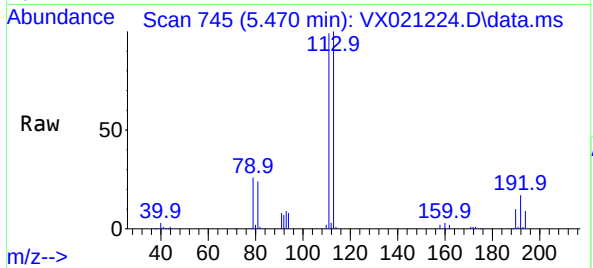




#35
Dibromofluoromethane
Concen: 49.78 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

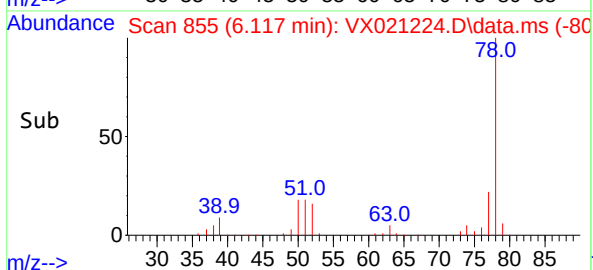
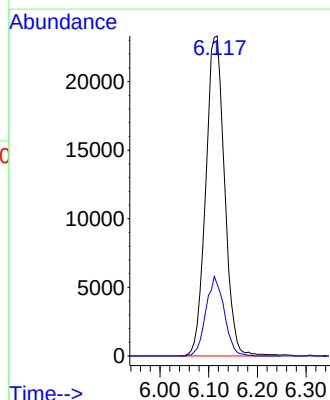
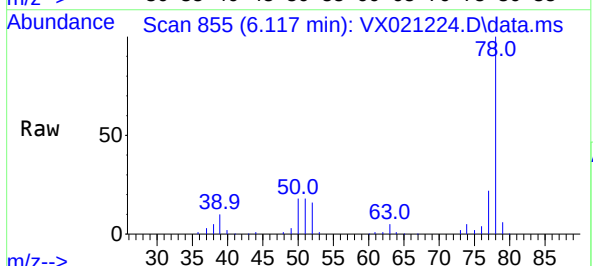
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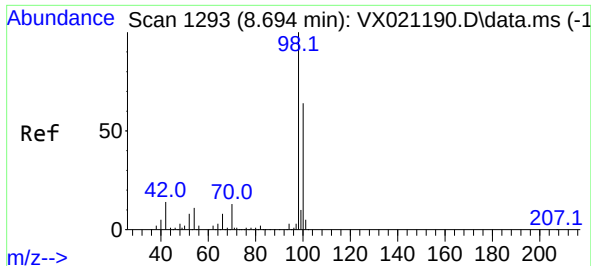
Tgt Ion:	113	Resp:	45957
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	18.3	16.7	25.1



#40
Benzene
Concen: 15.86 ug/l
RT: 6.117 min Scan# 855
Delta R.T. 0.006 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

Tgt Ion:	78	Resp:	62363
Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.9	28.3

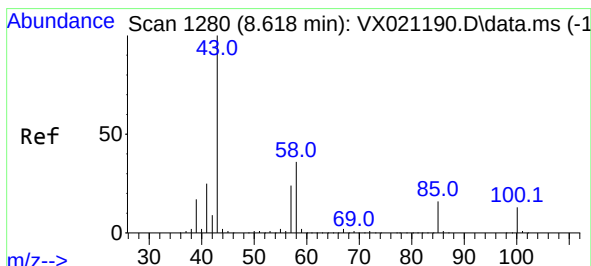
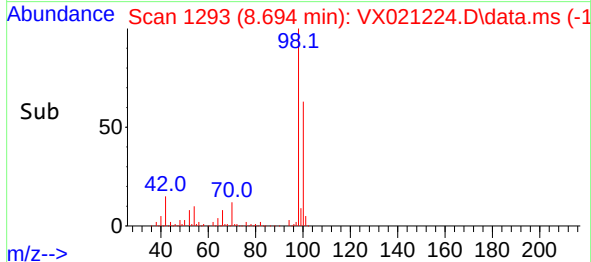
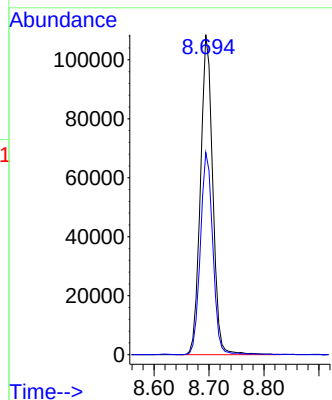
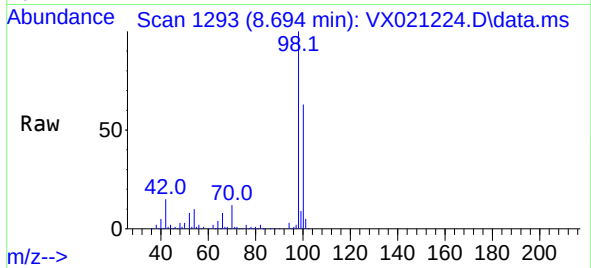




#50
Toluene-d8
Concen: 50.82 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

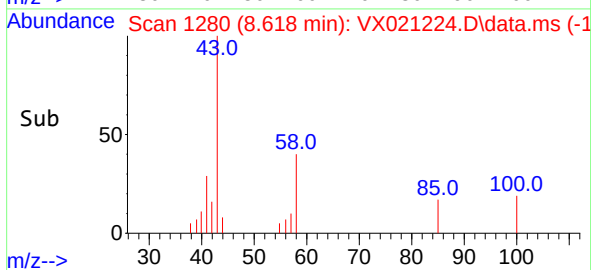
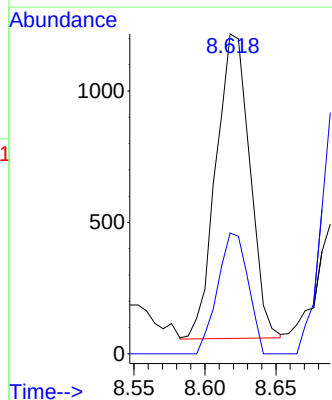
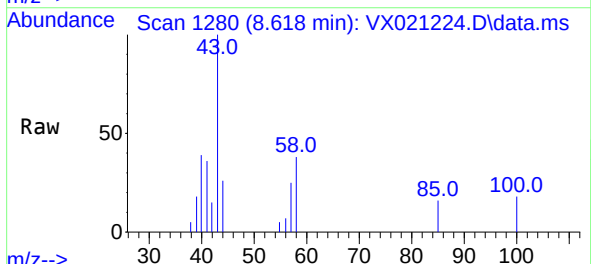
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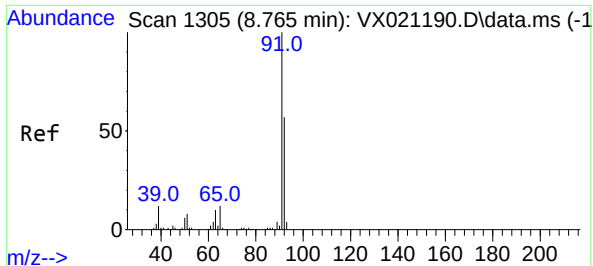
Tgt Ion: 98 Resp: 168540
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.30 ug/l
RT: 8.618 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

Tgt Ion: 43 Resp: 1919
Ion Ratio Lower Upper
43 100
58 35.6 35.4 53.0

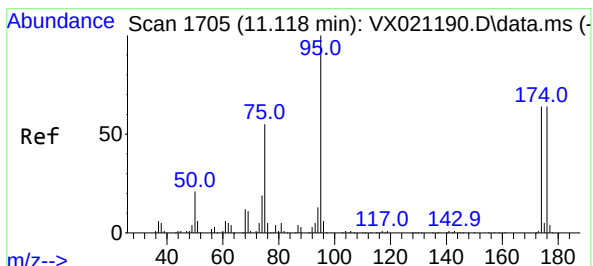
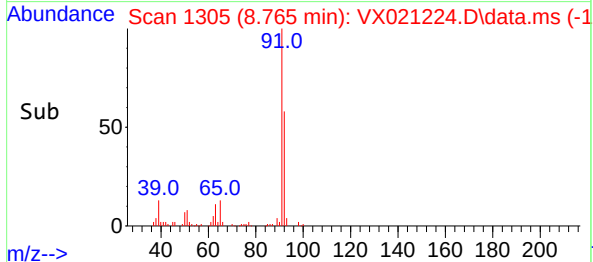
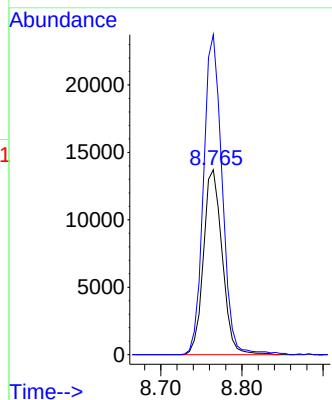
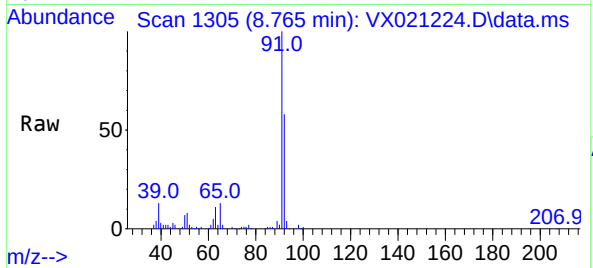




#52
Toluene
Concen: 9.27 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

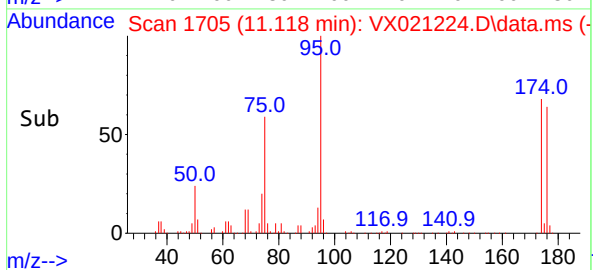
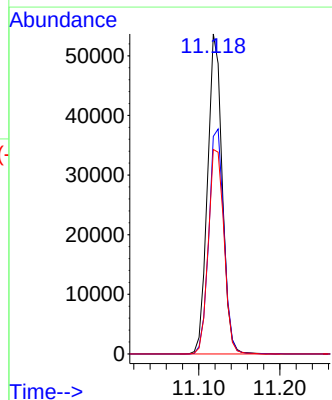
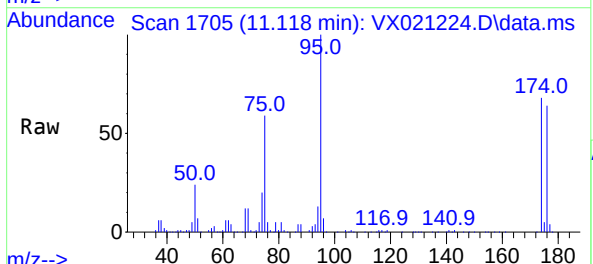
Instrument :
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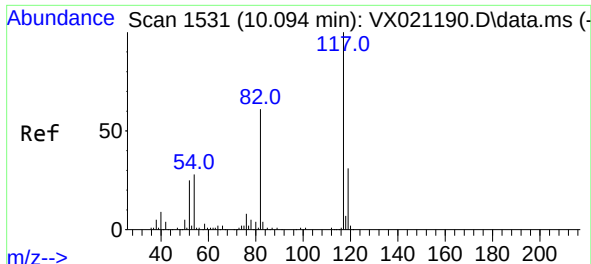
Tgt Ion: 92 Resp: 21976
Ion Ratio Lower Upper
92 100
91 171.9 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 53.17 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

Tgt Ion: 95 Resp: 67197
Ion Ratio Lower Upper
95 100
174 72.3 0.0 154.6
176 68.1 0.0 155.8

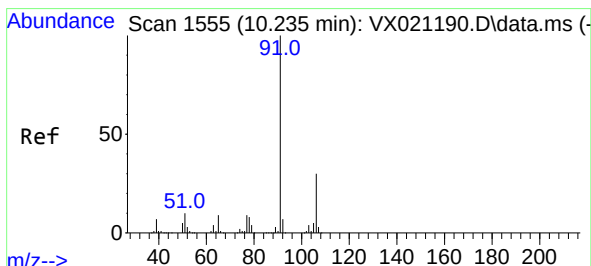
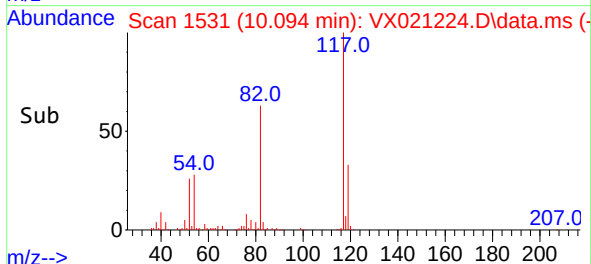
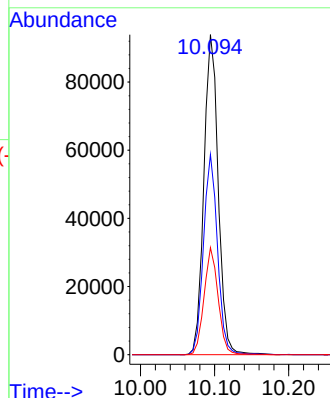
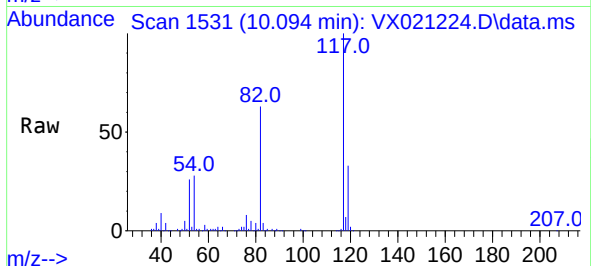




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

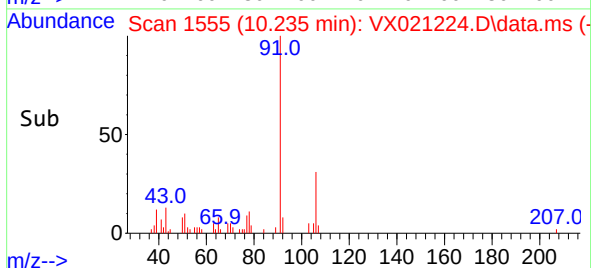
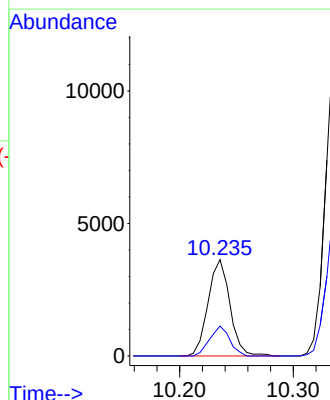
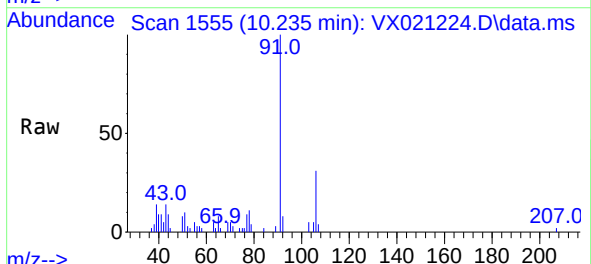
Instrument :
MSVOA_X
ClientSampleId :
COMP3-30788:89

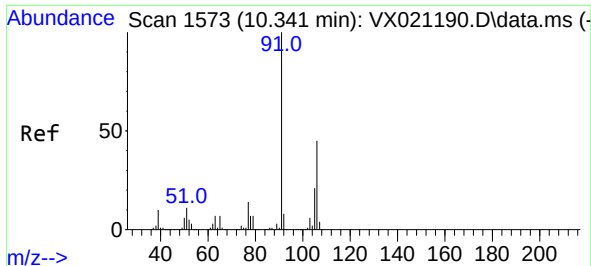
Tgt Ion:117 Resp: 126598
Ion Ratio Lower Upper
117 100
82 62.6 47.4 71.2
119 33.4 26.6 39.8



#67
Ethyl Benzene
Concen: 1.00 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

Tgt Ion: 91 Resp: 4859
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0

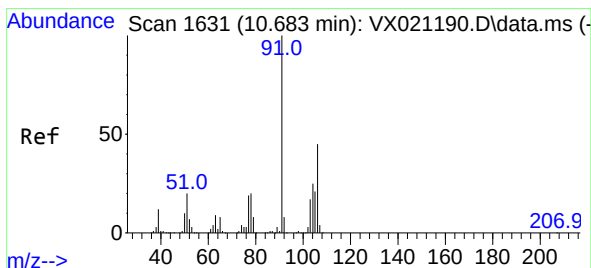
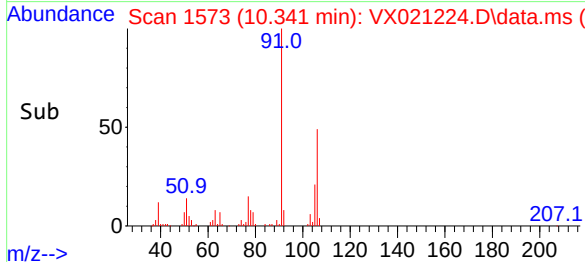
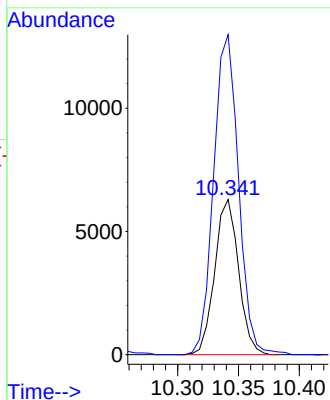
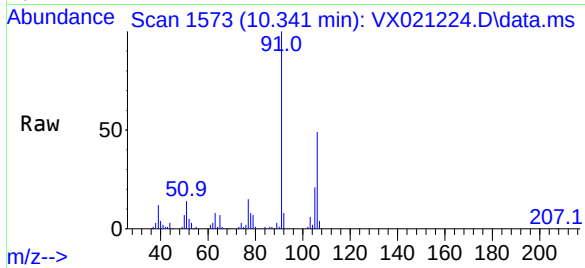




#68
m/p-Xylenes
Concen: 4.92 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

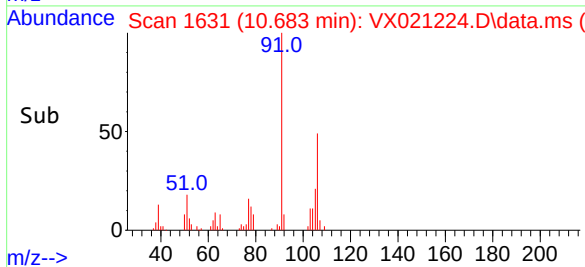
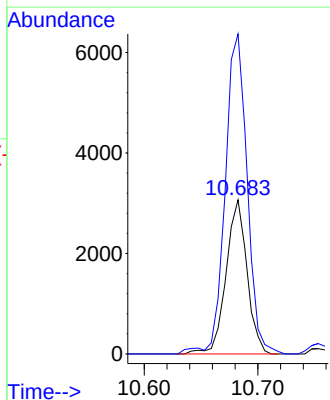
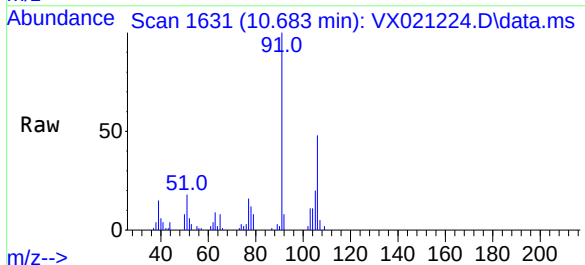
Instrument :
MSVOA_X
ClientSampleId :
COMP3-30788:89

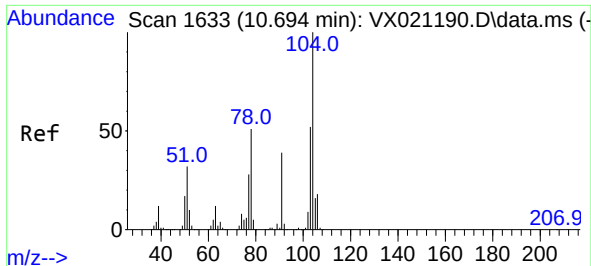
Tgt Ion:106 Resp: 8587
Ion Ratio Lower Upper
106 100
91 215.0 162.8 244.2



#69
o-Xylene
Concen: 2.32 ug/l
RT: 10.683 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

Tgt Ion:106 Resp: 3935
Ion Ratio Lower Upper
106 100
91 217.6 108.1 324.2

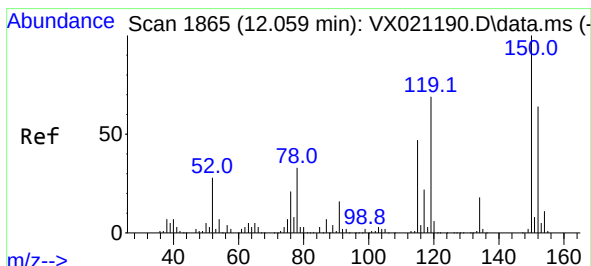
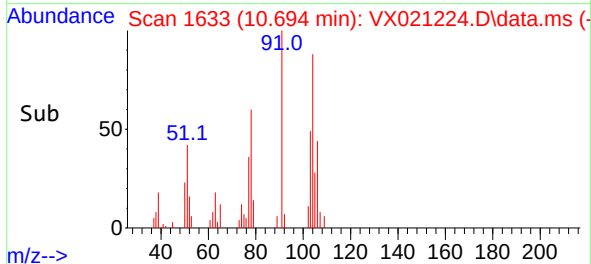
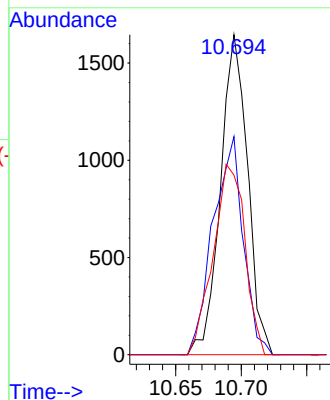
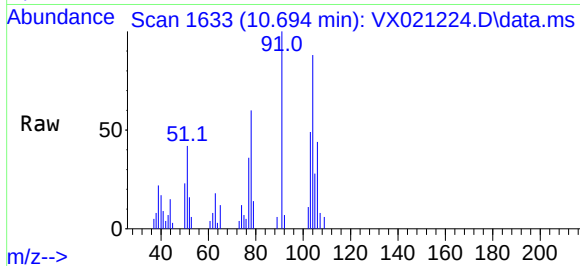




#70
Styrene
Concen: 0.82 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

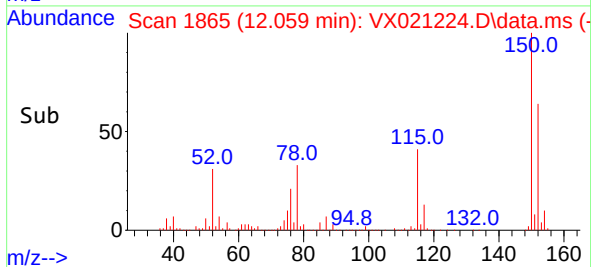
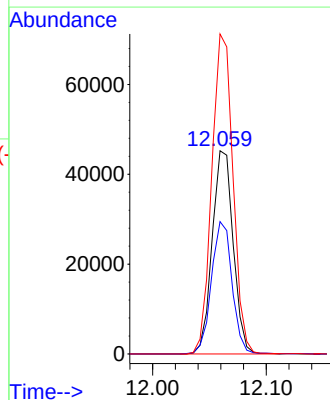
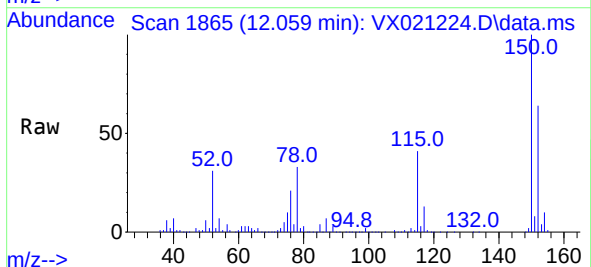
Instrument :
MSVOA_X
ClientSampleId :
COMP3-30788:89

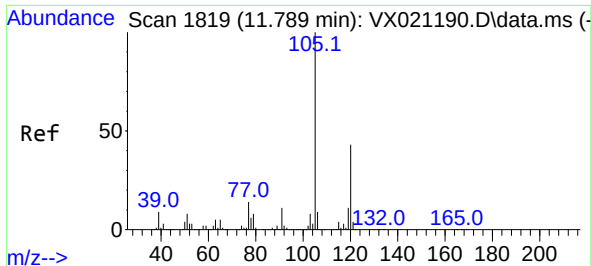
Tgt Ion:	104	Resp:	2364
Ion Ratio	Lower	Upper	
104	100		
78	75.6	40.0	60.0#
103	69.6	43.4	65.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

Tgt Ion:	152	Resp:	58111
Ion Ratio	Lower	Upper	
152	100		
115	64.2	41.1	123.3
150	158.8	0.0	349.0

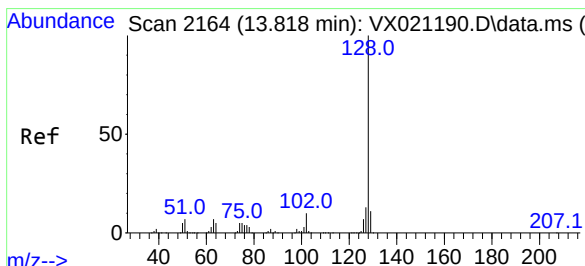
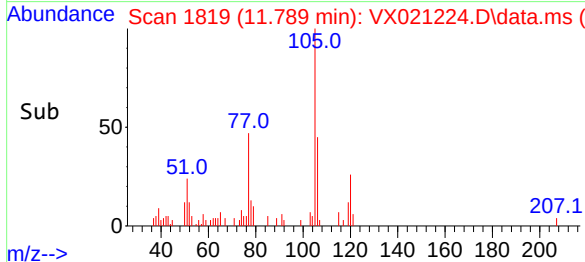
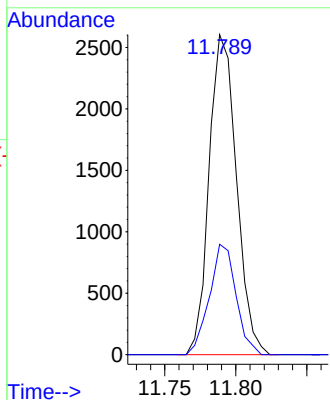
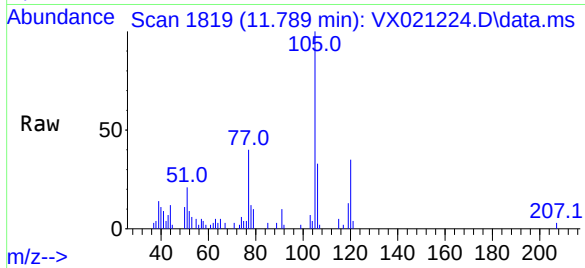




#84
1,2,4-Trimethylbenzene
Concen: 0.91 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

Instrument :
MSVOA_X
ClientSampleId :
COMP3-30788:89

Tgt Ion:105 Resp: 3487
Ion Ratio Lower Upper
105 100
120 33.5 22.4 67.3



#95
Naphthalene
Concen: 5.55 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021224.D
Acq: 16 Mar 2021 01:31

Tgt Ion:128 Resp: 18007
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.7 8.8 13.2

