

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021382.D
 Acq On : 23 Mar 2021 14:02
 Operator : JC/MD
 Sample : M1723-03
 Misc : 11.36g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RO124027

Quant Time: Mar 23 15:19:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

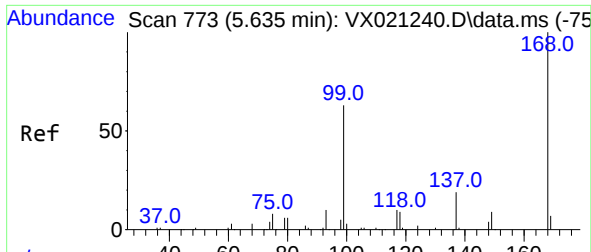
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.623	168	74853	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.829	114	124023	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.100	117	103729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	50431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	59117	48.15	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.30%		
35) Dibromofluoromethane	5.470	113	41783	49.51	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.02%		
50) Toluene-d8	8.694	98	147034	48.02	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.04%		
62) 4-Bromofluorobenzene	11.124	95	54817	46.10	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.20%		
Target Compounds					Qvalue	
16) Acetone	2.452	43	20089	44.47	ug/l	93
18) Methyl Acetate	2.764	43	50972	41.17	ug/l	90
25) 2-Butanone	4.670	43	3714	5.35	ug/l #	88
40) Benzene	6.111	78	2677	0.78	ug/l	98
43) Isopropyl Acetate	6.423	43	4589	1.93	ug/l #	85
44) Trichloroethene	7.188	130	1924	2.10	ug/l	99
48) Methyl methacrylate	7.753	41	6555	5.20	ug/l	88
51) 4-Methyl-2-Pentanone	8.629	43	61731	44.68	ug/l	87
52) Toluene	8.765	92	331164	155.51	ug/l	98
55) 1,1,2-Trichloroethane	9.200	97	1477	1.70	ug/l #	77
56) Ethyl methacrylate	9.159	69	40761	29.09	ug/l #	77
64) Tetrachloroethene	9.318	164	3331	4.30	ug/l	95
65) Chlorobenzene	10.124	112	2205	1.03	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.194	131	5948	7.52	ug/l #	54
67) Ethyl Benzene	10.235	91	496873	125.99	ug/l	100
68) m/p-Xylenes	10.341	106	516479	366.55	ug/l	93
69) o-Xylene	10.683	106	135489	98.95	ug/l	92
70) Styrene	10.694	104	64339	28.00	ug/l #	67
73) Isopropylbenzene	11.000	105	28153	7.52	ug/l	100
78) n-propylbenzene	11.341	91	55053	12.57	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	34888	11.01	ug/l	99
84) 1,2,4-Trimethylbenzene	11.789	105	72283	22.43	ug/l	93
85) sec-Butylbenzene	11.930	105	6599	1.86	ug/l	82
86) p-Isopropyltoluene	12.047	119	10680	3.28	ug/l	94
89) n-Butylbenzene	12.353	91	5638	1.90	ug/l #	39

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

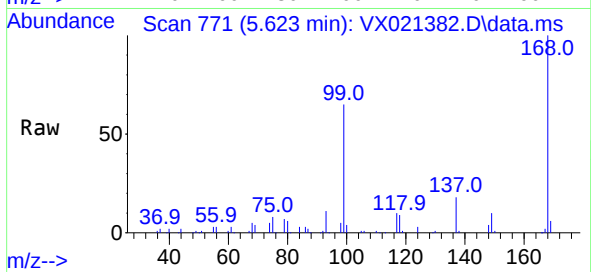
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Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration



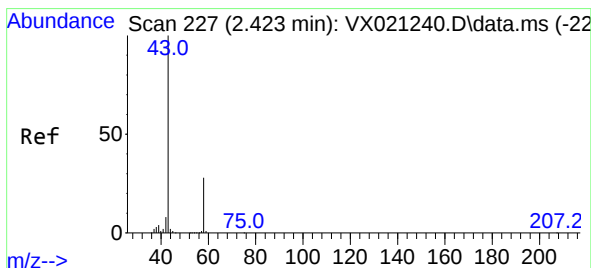
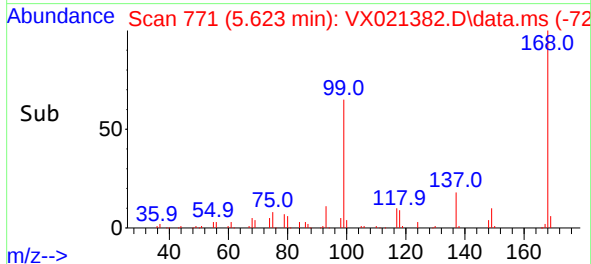
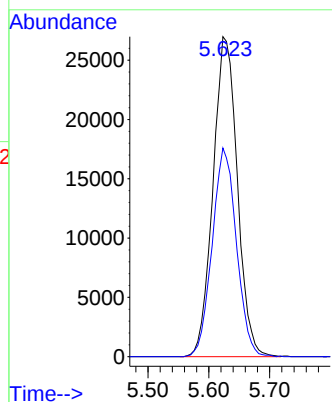


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.012 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

Instrument :
MSVOA_X
ClientSampleId :
RO124027

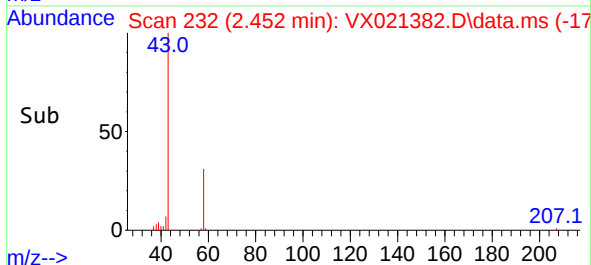
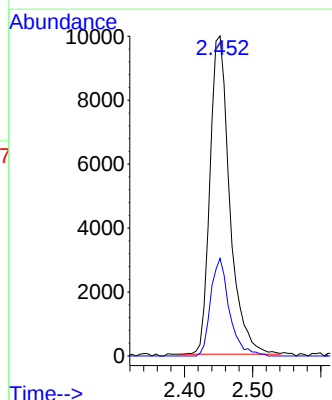
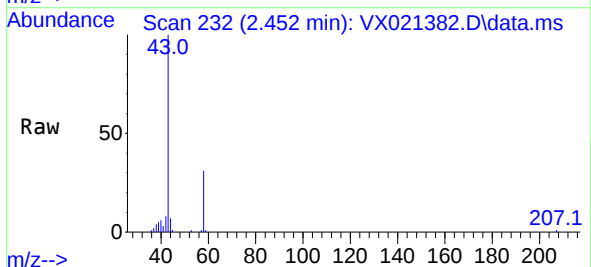


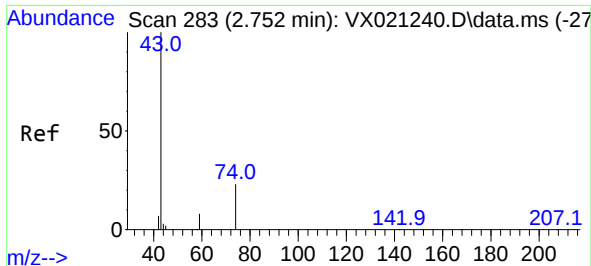
Tgt Ion:168 Resp: 74853
Ion Ratio Lower Upper
168 100
99 65.2 45.8 68.6



#16
Acetone
Concen: 44.47 ug/l
RT: 2.452 min Scan# 232
Delta R.T. 0.029 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

Tgt Ion: 43 Resp: 20089
Ion Ratio Lower Upper
43 100
58 30.7 27.8 41.8

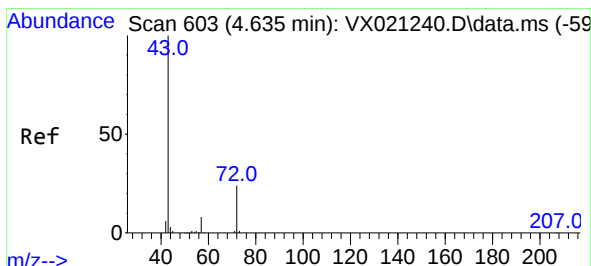
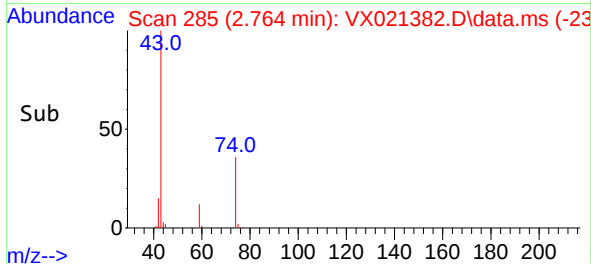
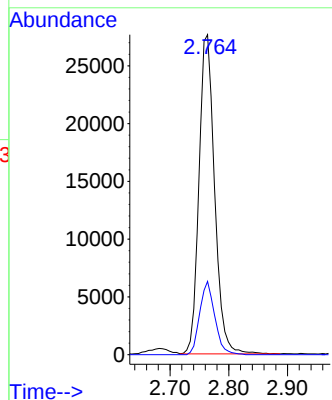
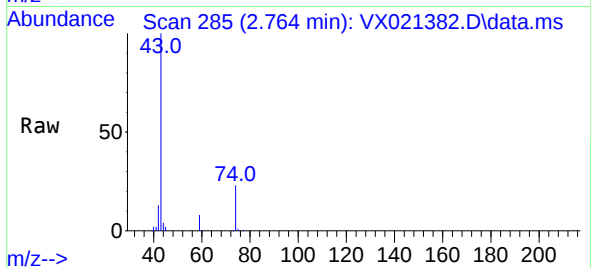




#18
Methyl Acetate
Concen: 41.17 ug/l
RT: 2.764 min Scan# 285
Delta R.T. 0.012 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

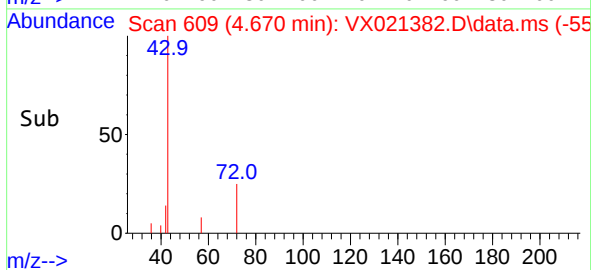
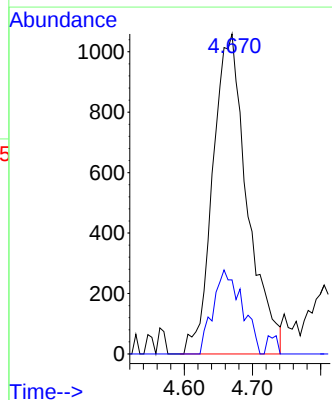
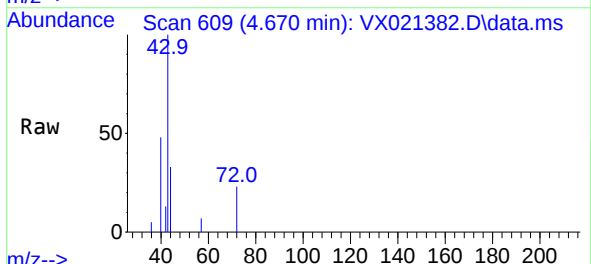
Instrument :
MSVOA_X
ClientSampleId :
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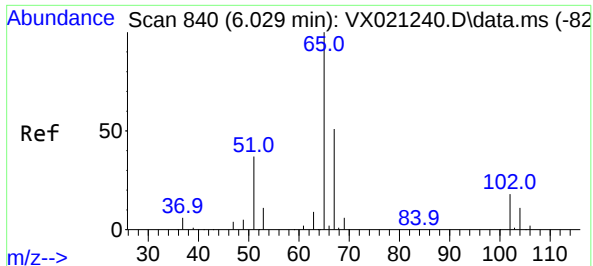
Tgt Ion: 43 Resp: 50972
Ion Ratio Lower Upper
43 100
74 22.1 21.9 32.9



#25
2-Butanone
Concen: 5.35 ug/l
RT: 4.670 min Scan# 609
Delta R.T. 0.035 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

Tgt Ion: 43 Resp: 3714
Ion Ratio Lower Upper
43 100
72 23.1 23.7 35.5#



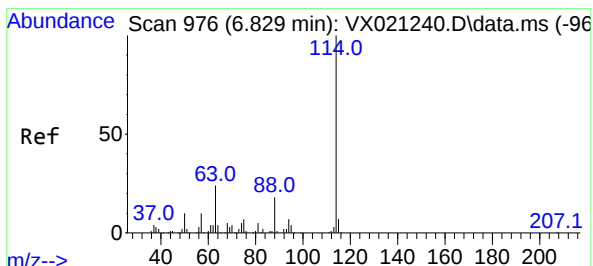
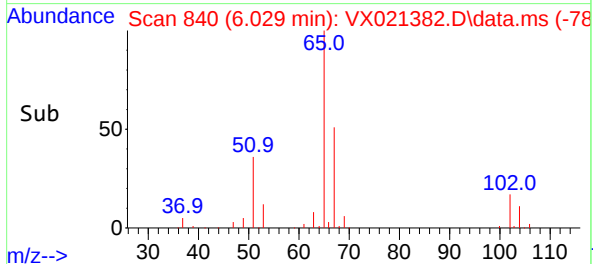
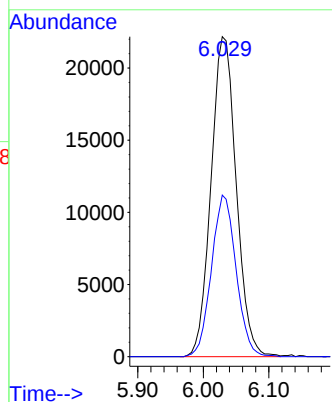
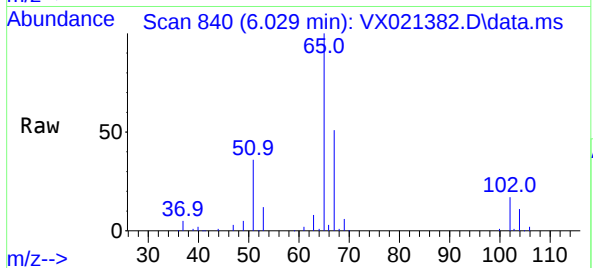


#33

1,2-Dichloroethane-d4
Concen: 48.15 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

Instrument :
MSVOA_X
ClientSampleId :
RO124027

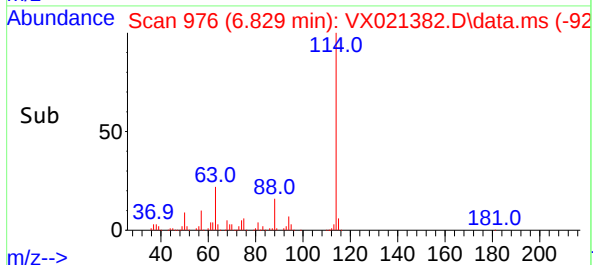
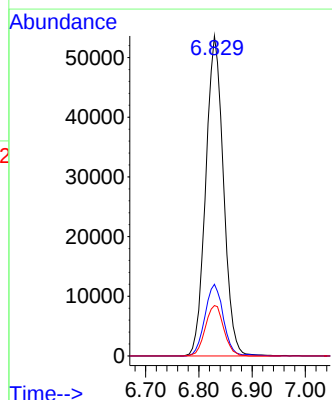
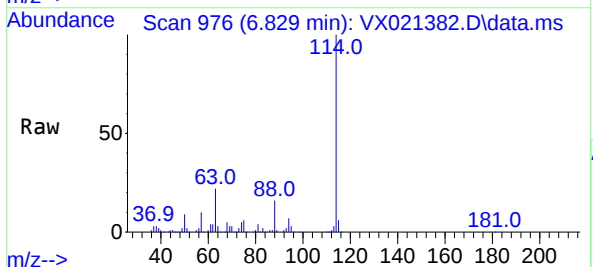
Tgt Ion: 65 Resp: 59117
Ion Ratio Lower Upper
65 100
67 49.4 0.0 105.4

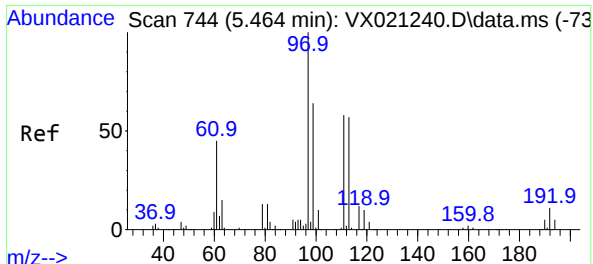


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

Tgt Ion: 114 Resp: 124023
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 15.7 0.0 32.8

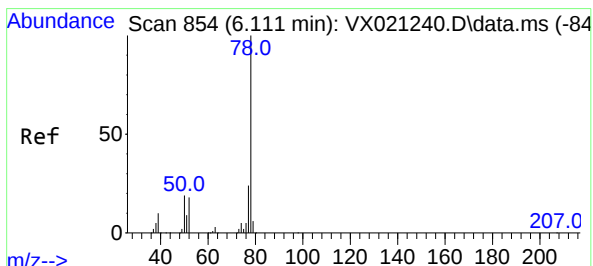
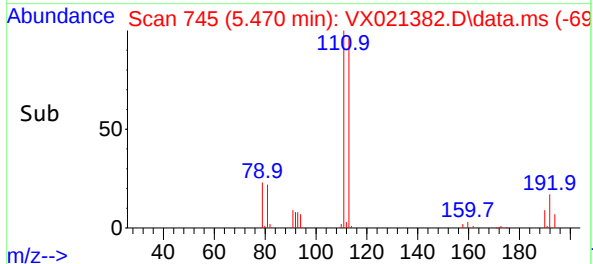
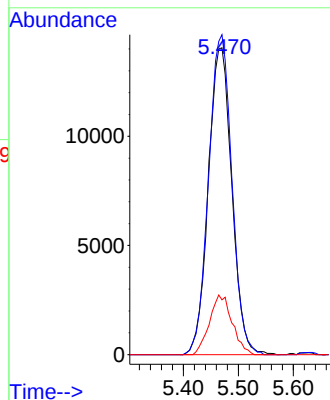
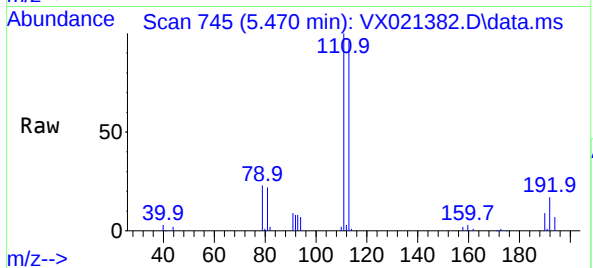




#35
Dibromofluoromethane
Concen: 49.51 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

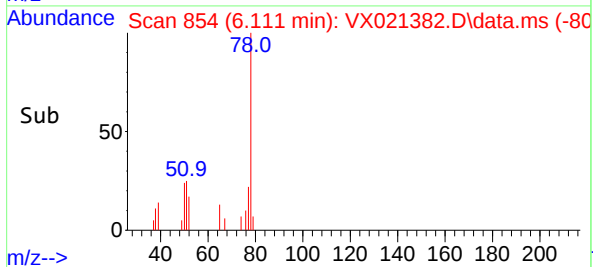
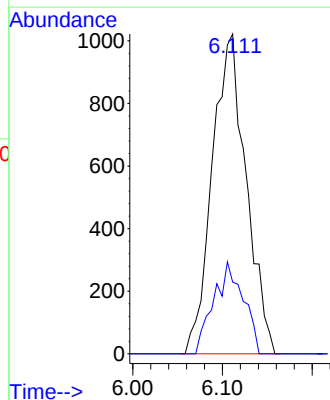
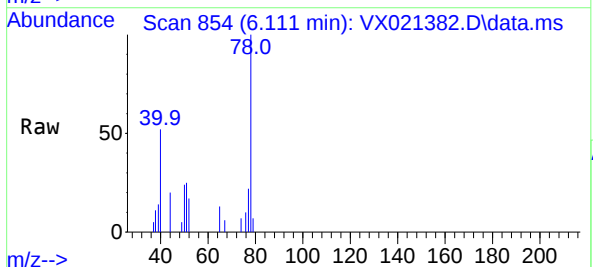
Instrument :
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ClientSampleId :
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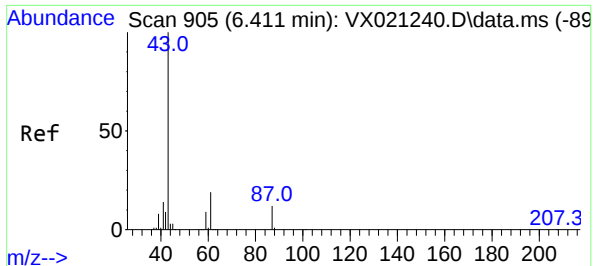
Tgt Ion:113 Resp: 41783
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 18.8 16.7 25.1



#40
Benzene
Concen: 0.78 ug/l
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

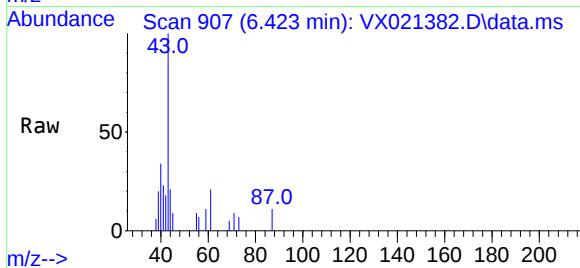
Tgt Ion: 78 Resp: 2677
Ion Ratio Lower Upper
78 100
77 22.4 18.9 28.3



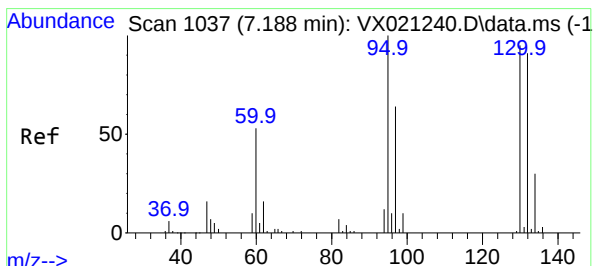
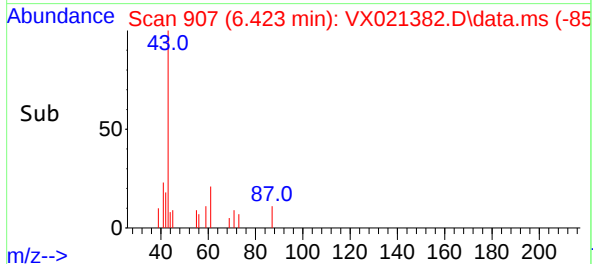
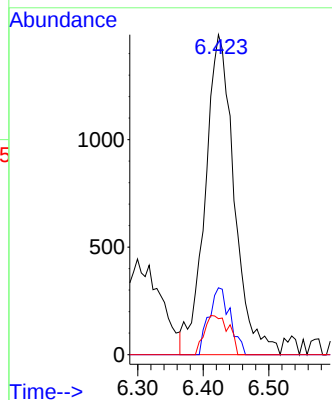


#43
Isopropyl Acetate
Concen: 1.93 ug/l
RT: 6.423 min Scan# 907
Delta R.T. 0.012 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

Instrument :
MSVOA_X
ClientSampled :
RO124027

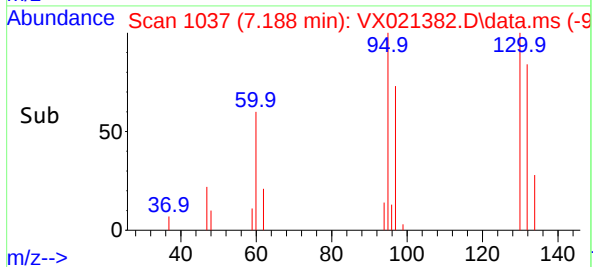
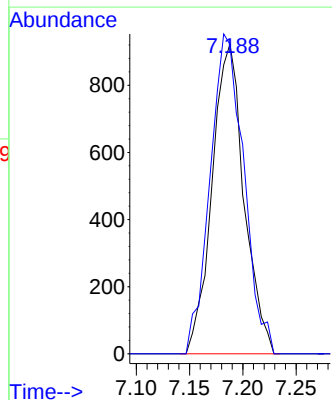
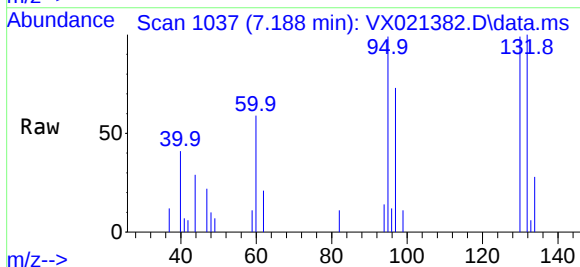


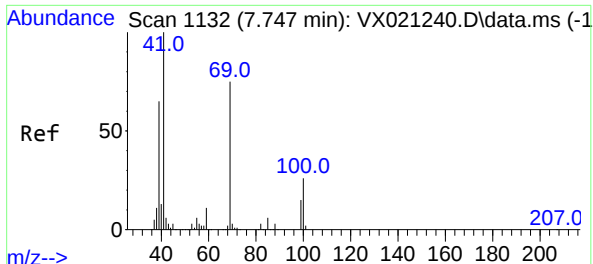
Tgt Ion: 43 Resp: 4589
Ion Ratio Lower Upper
43 100
61 15.3 18.2 27.4#
87 10.2 12.5 18.7#



#44
Trichloroethene
Concen: 2.10 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

Tgt Ion:130 Resp: 1924
Ion Ratio Lower Upper
130 100
95 99.9 0.0 198.0

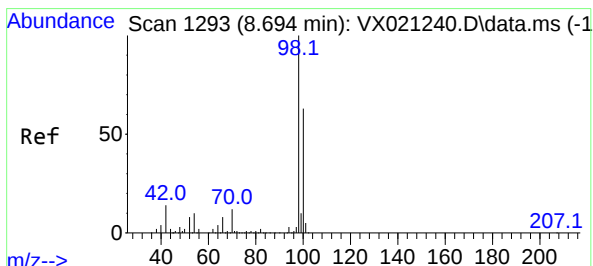
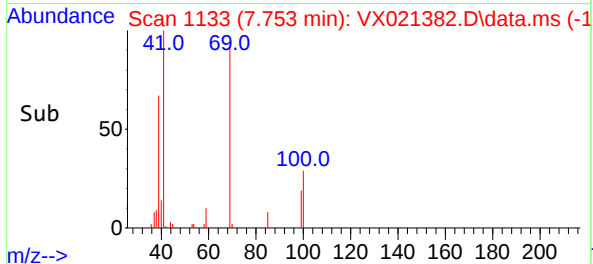
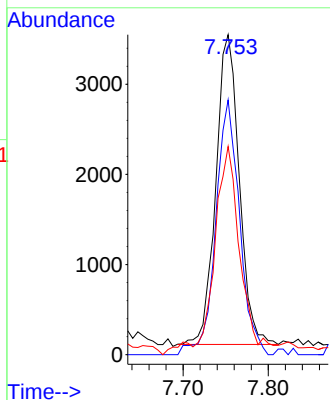
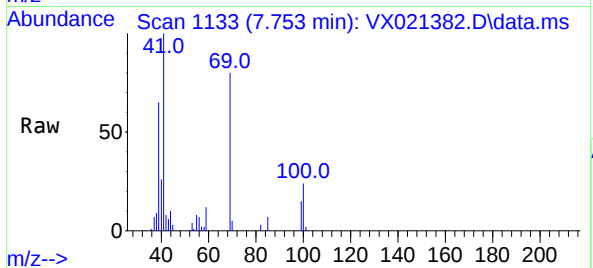




#48
Methyl methacrylate
Concen: 5.20 ug/l
RT: 7.753 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

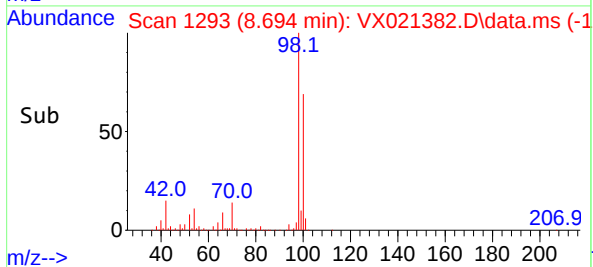
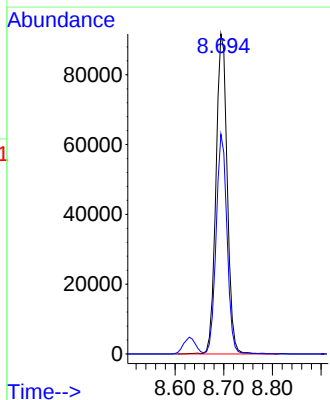
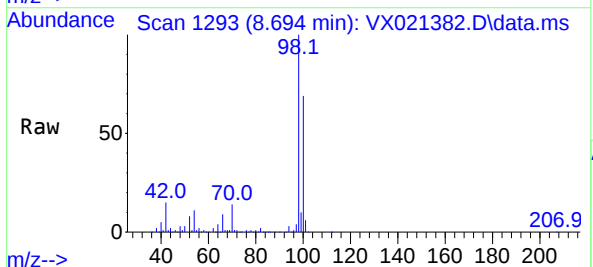
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ClientSampleId :
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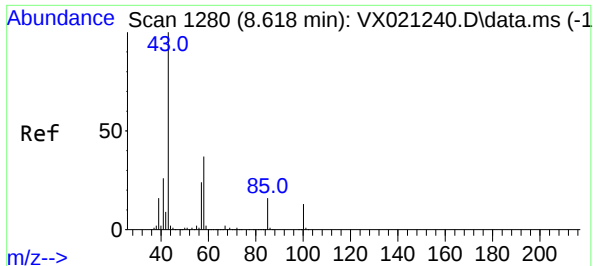
Tgt Ion: 41 Resp: 6555
Ion Ratio Lower Upper
41 100
69 83.9 76.0 114.0
39 64.3 44.6 67.0



#50
Toluene-d8
Concen: 48.02 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

Tgt Ion: 98 Resp: 147034
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9

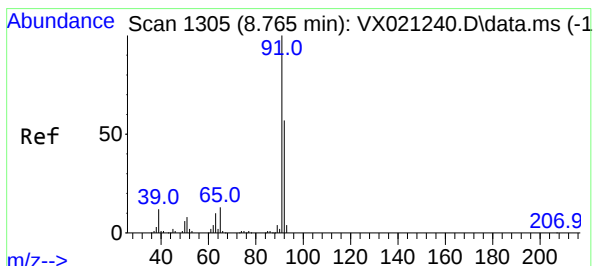
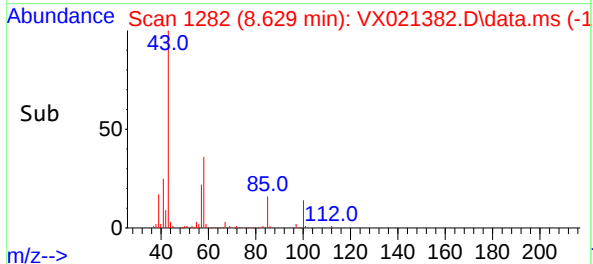
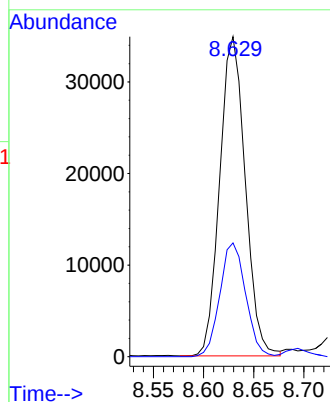
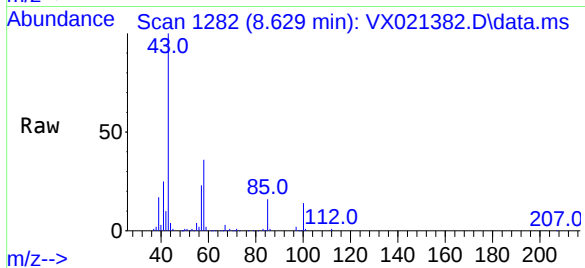




#51
4-Methyl-2-Pentanone
Concen: 44.68 ug/l
RT: 8.629 min Scan# 1282
Delta R.T. 0.011 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

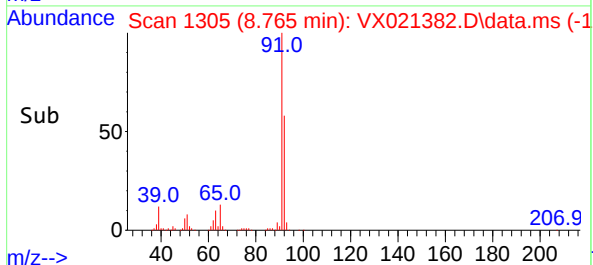
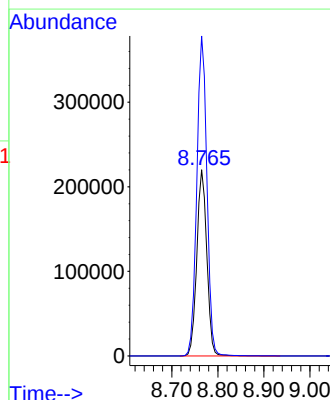
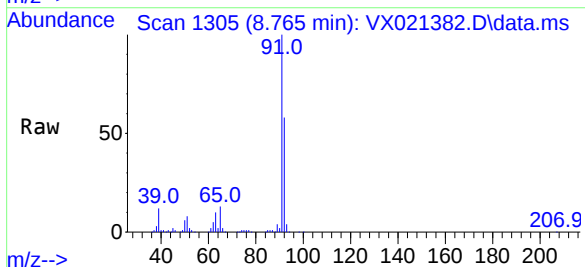
Instrument :
MSVOA_X
ClientSampleId :
RO124027

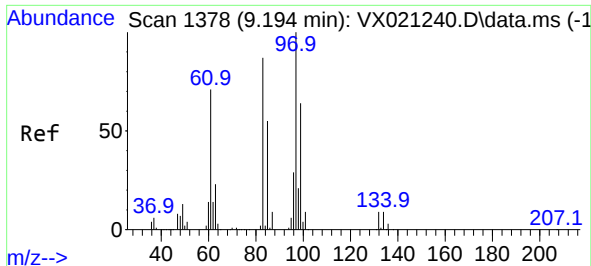
Tgt Ion: 43 Resp: 61731
Ion Ratio Lower Upper
43 100
58 36.0 35.4 53.0



#52
Toluene
Concen: 155.51 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

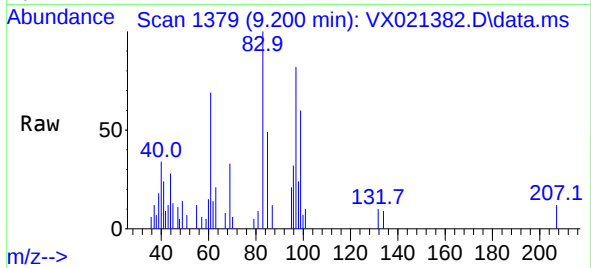
Tgt Ion: 92 Resp: 331164
Ion Ratio Lower Upper
92 100
91 173.9 137.1 205.7





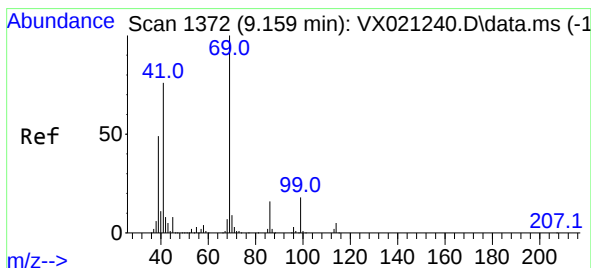
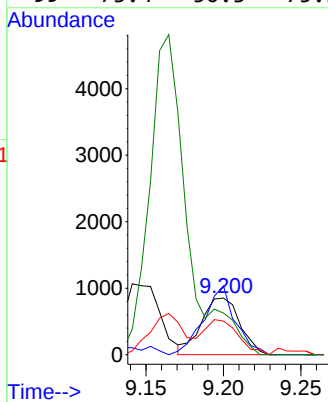
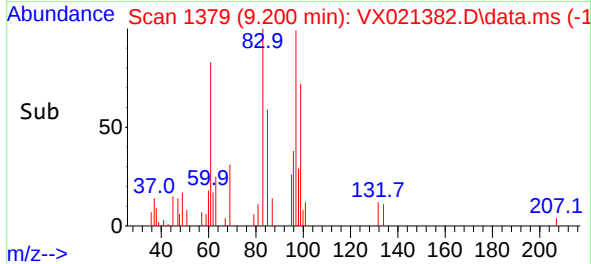
#55
1,1,2-Trichloroethane
Concen: 1.70 ug/l
RT: 9.200 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

Instrument :
MSVOA_X
ClientSampled :
RO124027

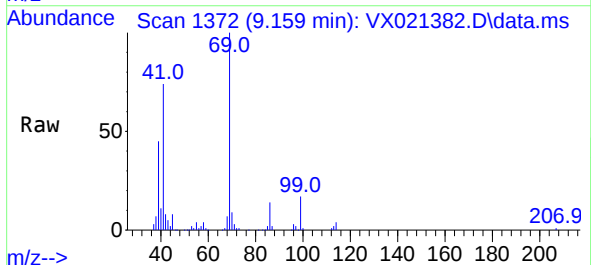


Tgt Ion: 97 Resp: 1477

Ion	Ratio	Lower	Upper
97	100		
83	121.7	69.3	103.9#
85	47.8	44.3	66.5
99	73.4	50.3	75.5

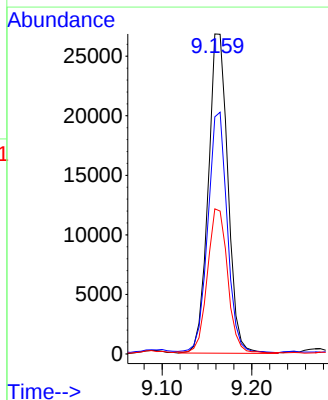
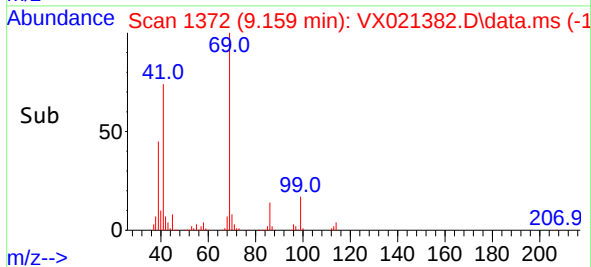


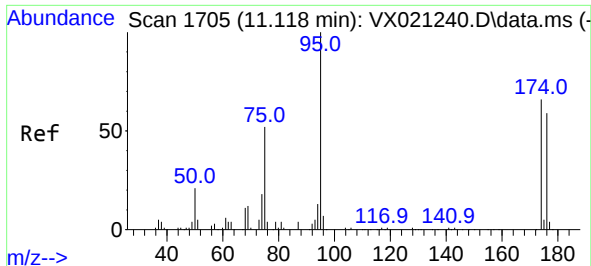
#56
Ethyl methacrylate
Concen: 29.09 ug/l
RT: 9.159 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02



Tgt Ion: 69 Resp: 40761

Ion	Ratio	Lower	Upper
69	100		
41	74.3	46.8	70.2#
39	46.1	24.7	37.1#

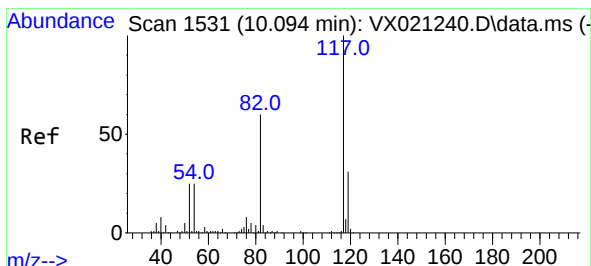
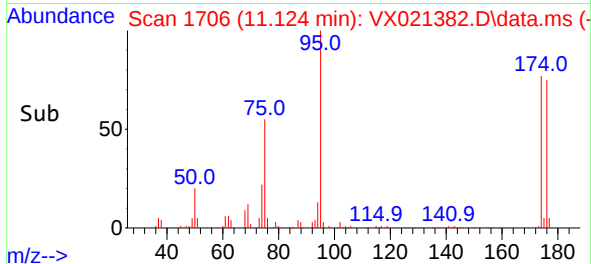
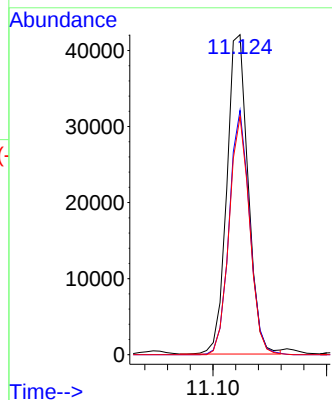
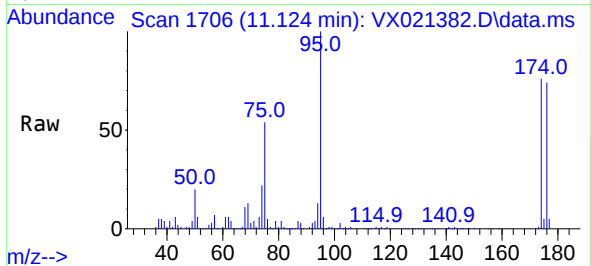




#62
4-Bromofluorobenzene
Concen: 46.10 ug/l
RT: 11.124 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

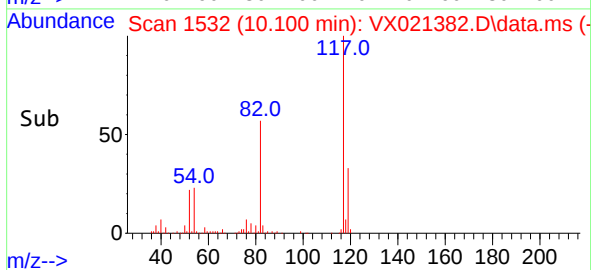
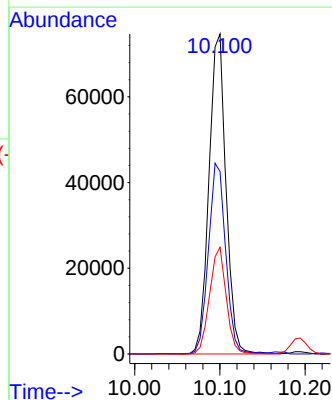
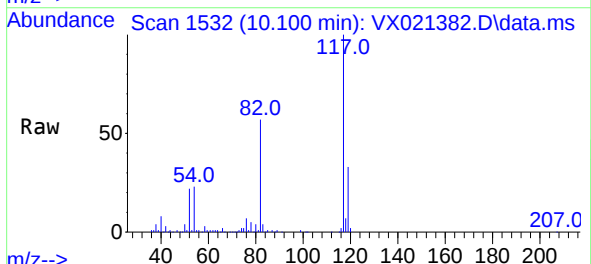
Instrument :
MSVOA_X
ClientSampled :
RO124027

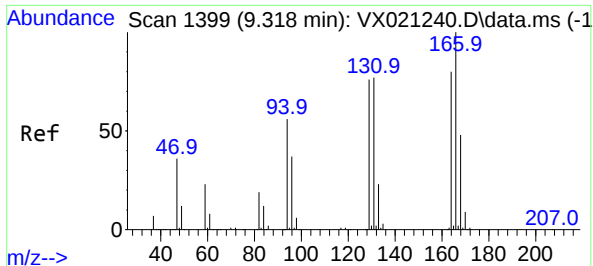
Tgt Ion: 95 Resp: 54817
Ion Ratio Lower Upper
95 100
174 73.1 0.0 154.6
176 71.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.100 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

Tgt Ion: 117 Resp: 103729
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 33.3 26.6 39.8



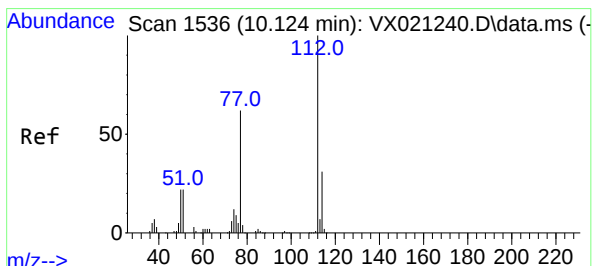
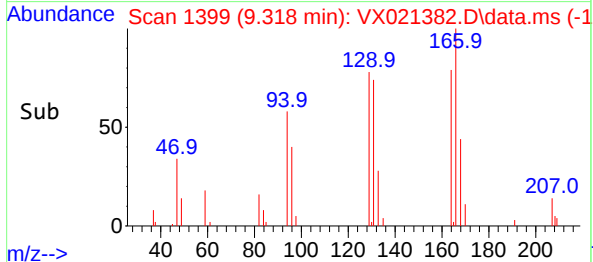
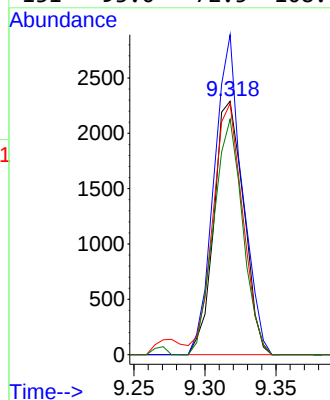
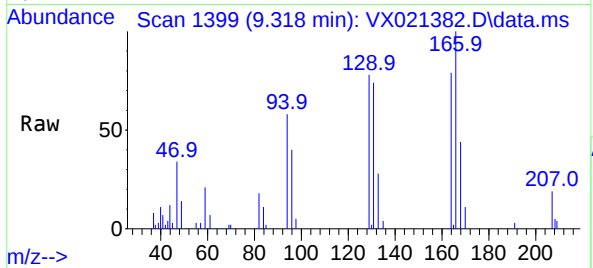


#64
Tetrachloroethene
Concen: 4.30 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

Instrument :
MSVOA_X
ClientSampleId :
RO124027

Tgt Ion:164 Resp: 3331

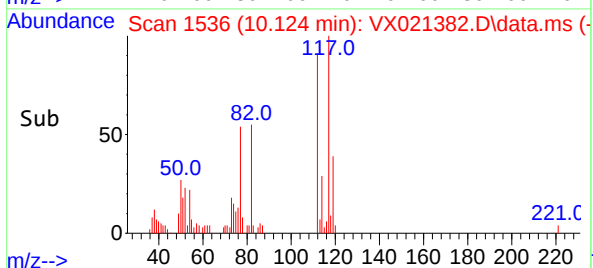
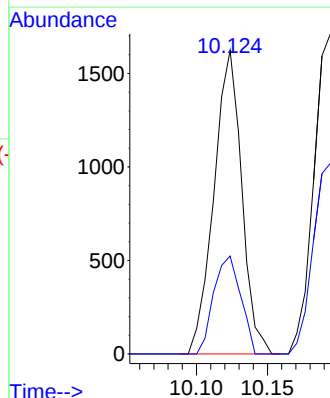
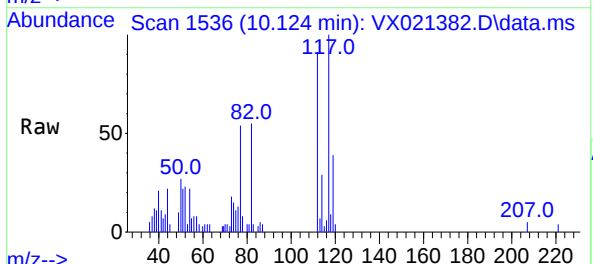
Ion	Ratio	Lower	Upper
164	100		
166	126.3	103.4	155.2
129	99.1	70.8	106.2
131	93.0	72.5	108.7

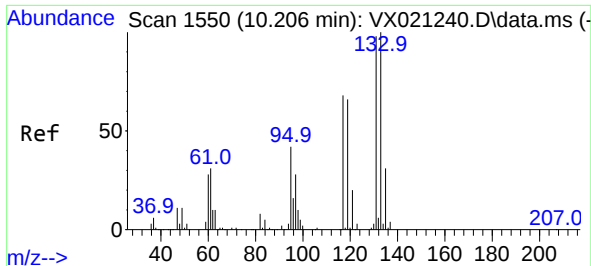


#65
Chlorobenzene
Concen: 1.03 ug/l
RT: 10.124 min Scan# 1536
Delta R.T. -0.000 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

Tgt Ion:112 Resp: 2205

Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.8	38.6

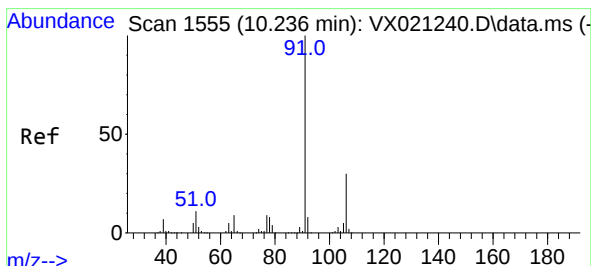
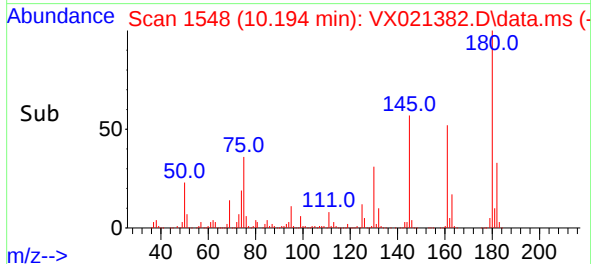
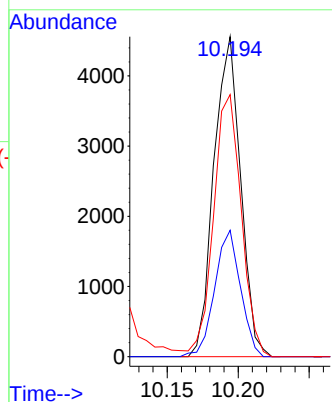
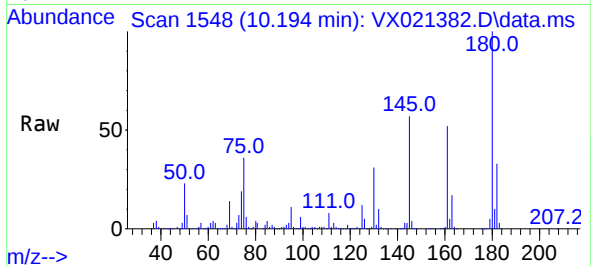




#66
1,1,1,2-Tetrachloroethane
Concen: 7.52 ug/l
RT: 10.194 min Scan# 1548
Delta R.T. -0.012 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

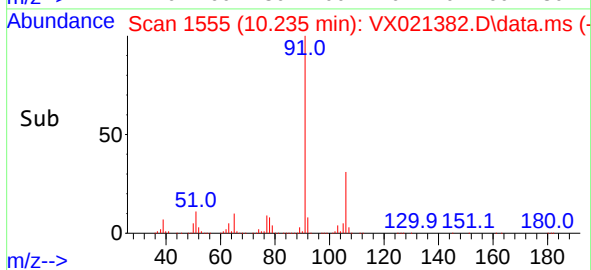
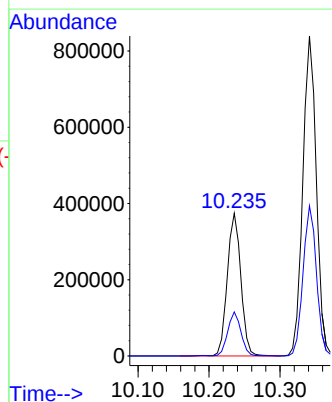
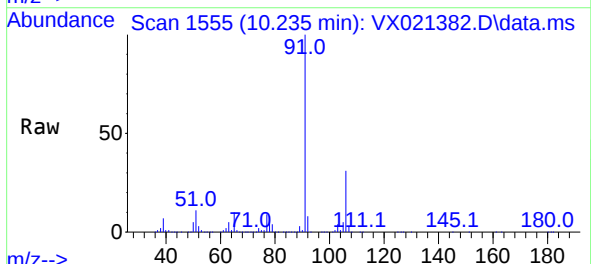
Instrument :
MSVOA_X
ClientSampleId :
RO124027

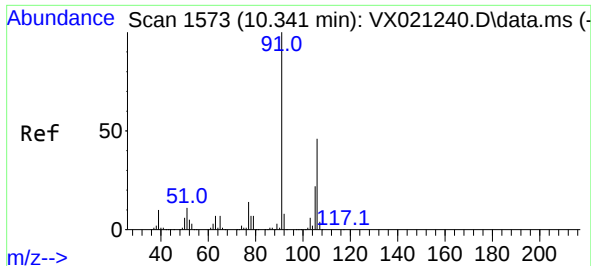
Tgt Ion:131 Resp: 5948
Ion Ratio Lower Upper
131 100
133 38.2 47.7 143.1#
119 84.8 32.1 96.5



#67
Ethyl Benzene
Concen: 125.99 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

Tgt Ion: 91 Resp: 496873
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0

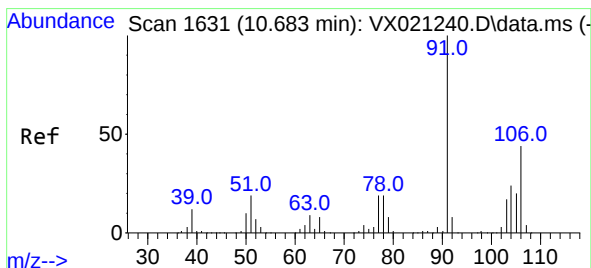
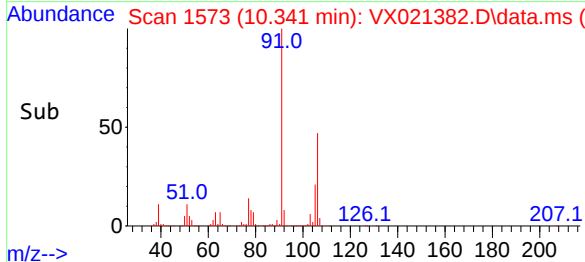
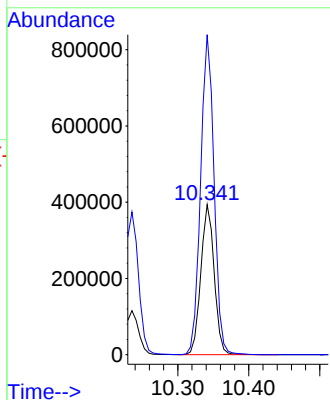
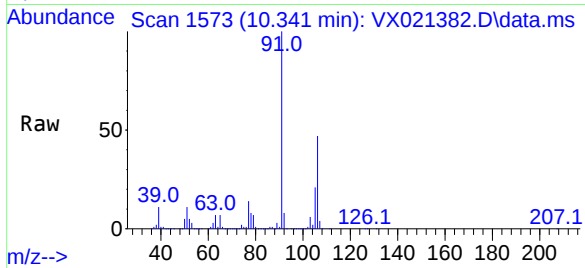




#68
m/p-Xylenes
Concen: 366.55 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

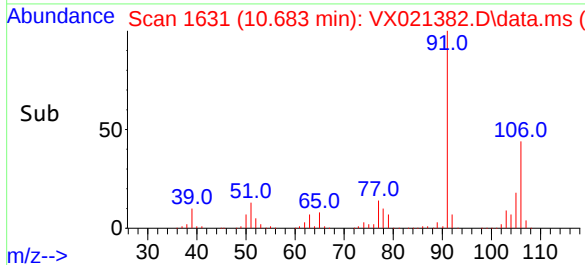
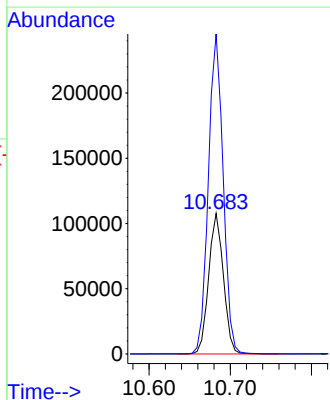
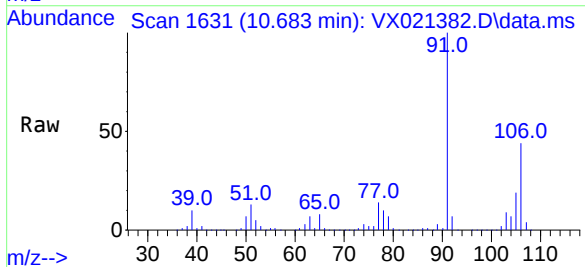
Instrument :
MSVOA_X
ClientSampleId :
RO124027

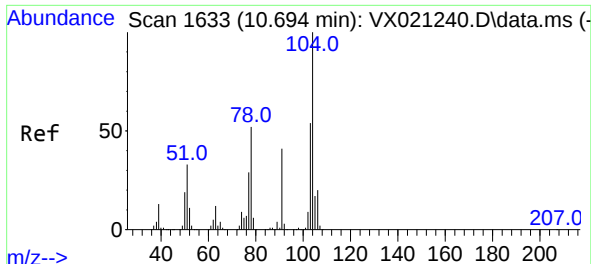
Tgt Ion:106 Resp: 516479
Ion Ratio Lower Upper
106 100
91 214.1 162.8 244.2



#69
o-Xylene
Concen: 98.95 ug/l
RT: 10.683 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

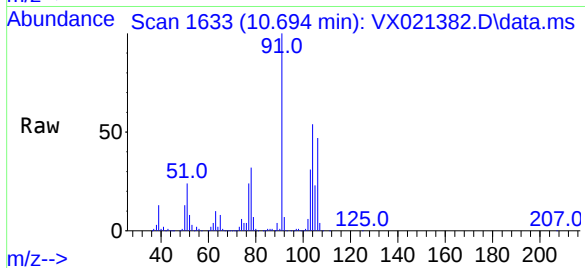
Tgt Ion:106 Resp: 135489
Ion Ratio Lower Upper
106 100
91 228.2 108.1 324.2



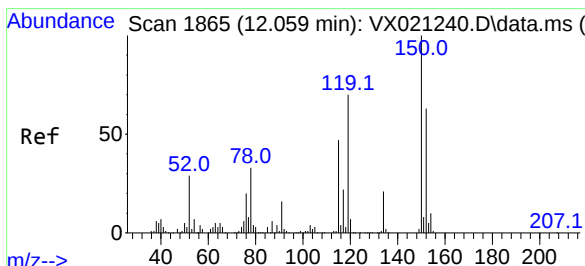
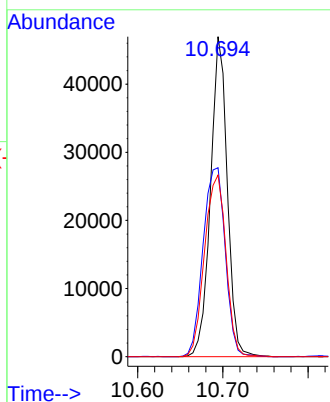
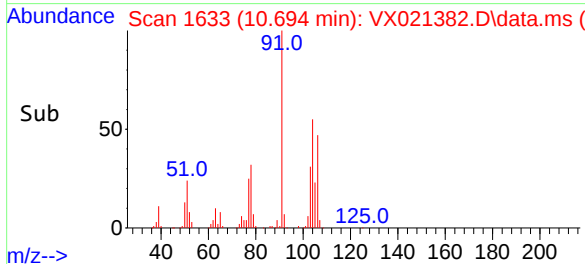


#70
Styrene
Concen: 28.00 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

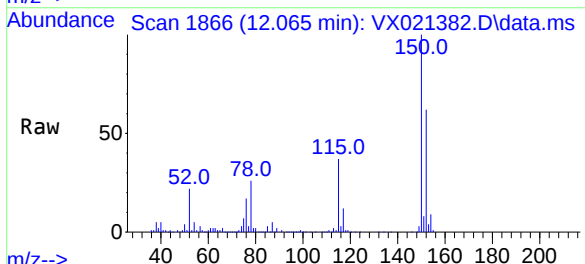
Instrument :
MSVOA_X
ClientSampleId :
RO124027



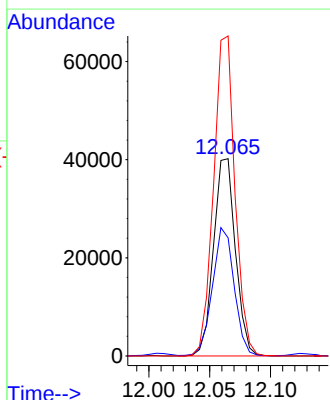
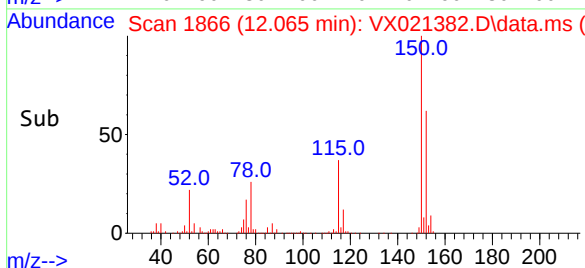
Tgt Ion:104 Resp: 64339
Ion Ratio Lower Upper
104 100
78 77.9 40.0 60.0#
103 72.3 43.4 65.0#

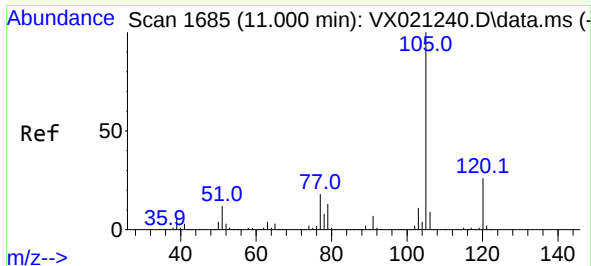


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02



Tgt Ion:152 Resp: 50431
Ion Ratio Lower Upper
152 100
115 64.2 41.1 123.3
150 158.4 0.0 349.0

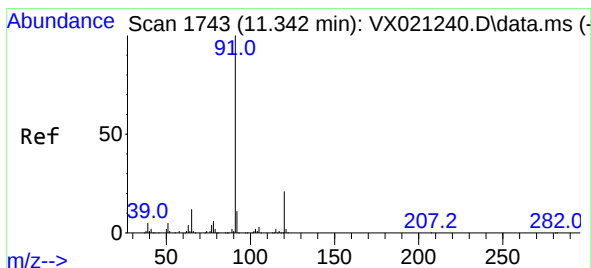
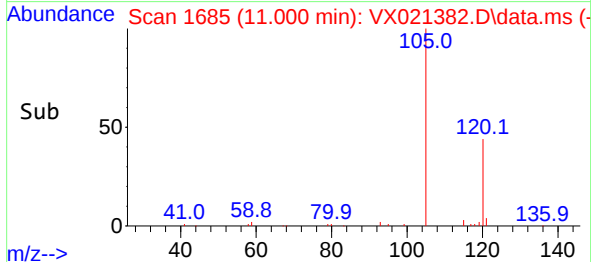
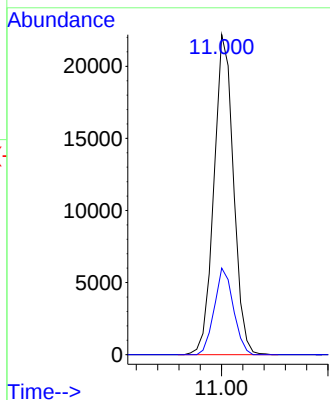
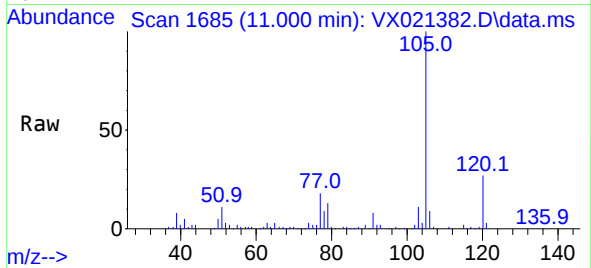




#73
Isopropylbenzene
Concen: 7.52 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

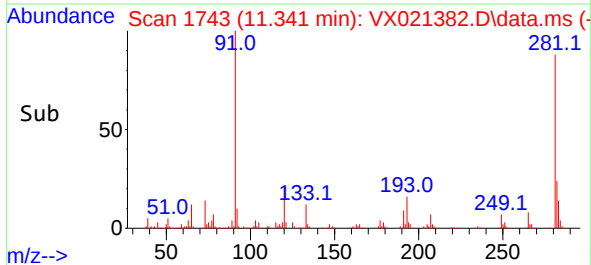
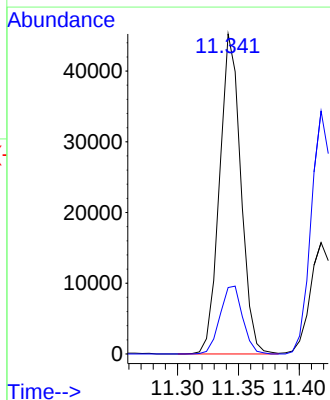
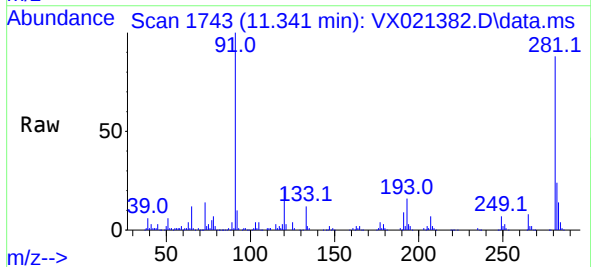
Instrument :
MSVOA_X
ClientSampled :
RO124027

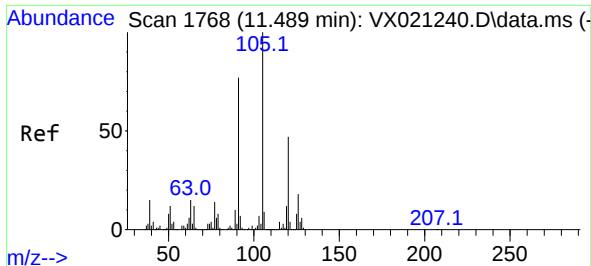
Tgt Ion:105 Resp: 28153
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#78
n-propylbenzene
Concen: 12.57 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. -0.001 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

Tgt Ion: 91 Resp: 55053
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.5

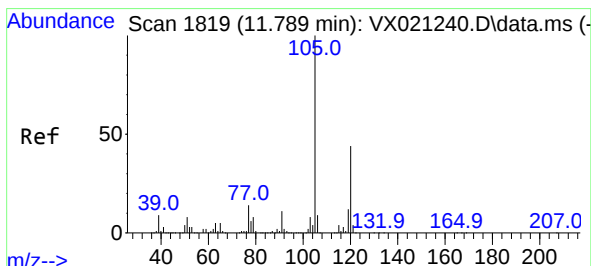
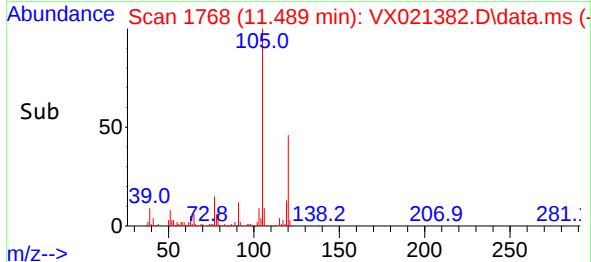
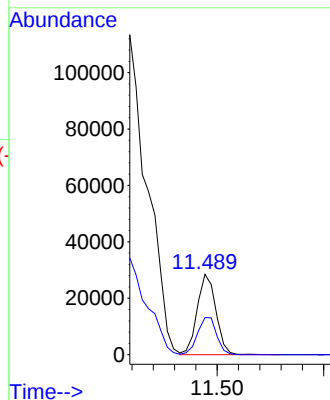
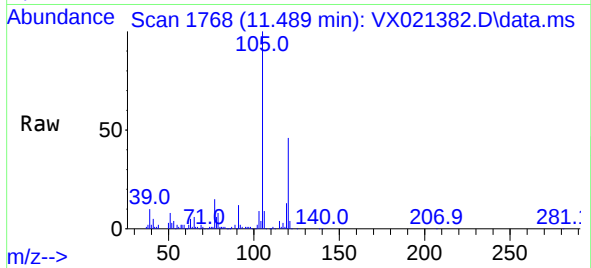




#80
1,3,5-Trimethylbenzene
Concen: 11.01 ug/l
RT: 11.489 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

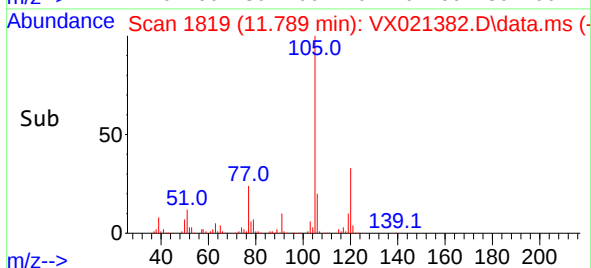
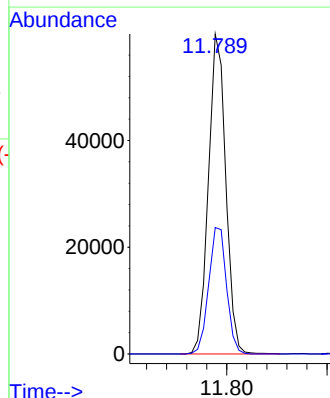
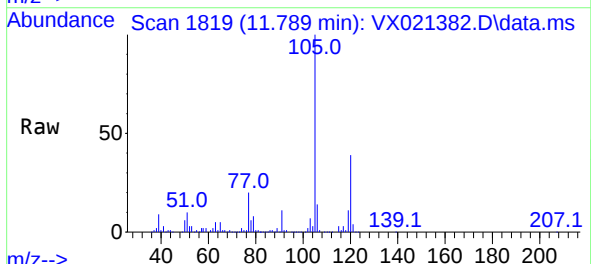
Instrument :
MSVOA_X
ClientSampleId :
RO124027

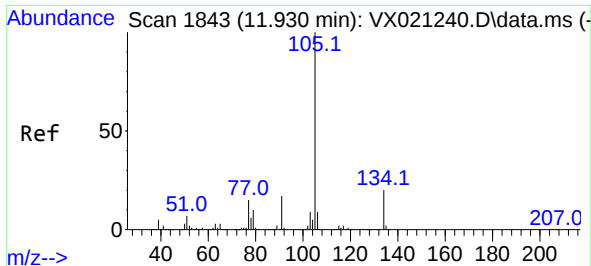
Tgt Ion:105 Resp: 34888
Ion Ratio Lower Upper
105 100
120 47.2 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 22.43 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021382.D
Acq: 23 Mar 2021 14:02

Tgt Ion:105 Resp: 72283
Ion Ratio Lower Upper
105 100
120 40.6 22.4 67.3

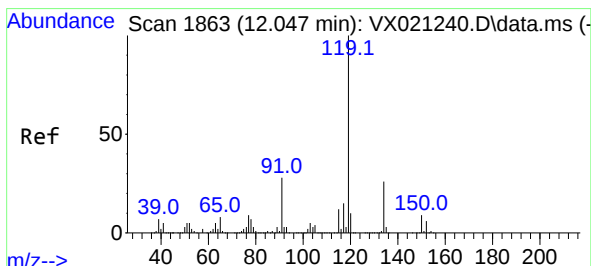
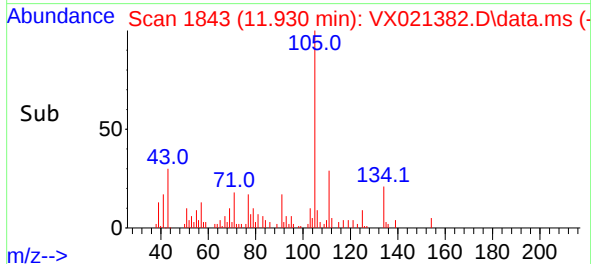
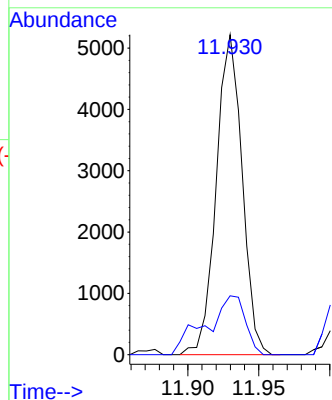
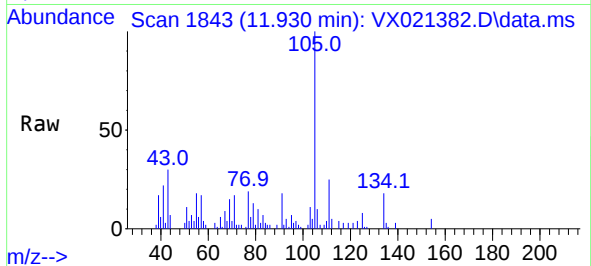




#85
 sec-Butylbenzene
 Concen: 1.86 ug/l
 RT: 11.930 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: VX021382.D
 Acq: 23 Mar 2021 14:02

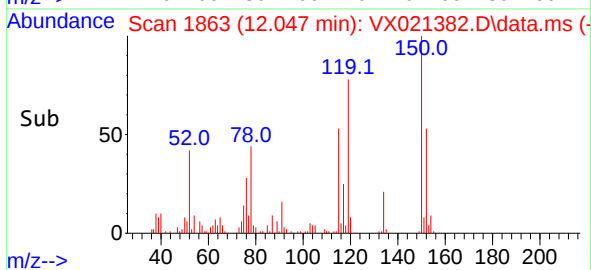
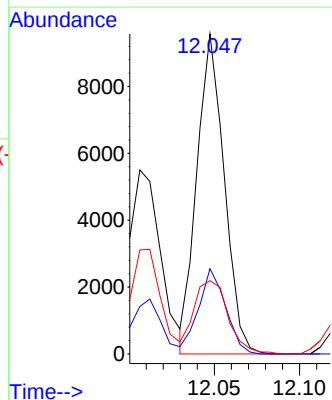
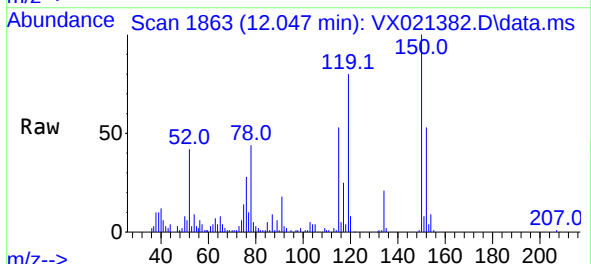
Instrument :
 MSVOA_X
 ClientSampled :
 RO124027

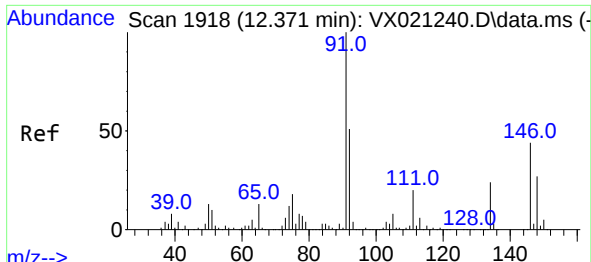
Tgt Ion:105 Resp: 6599
 Ion Ratio Lower Upper
 105 100
 134 28.0 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 3.28 ug/l
 RT: 12.047 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VX021382.D
 Acq: 23 Mar 2021 14:02

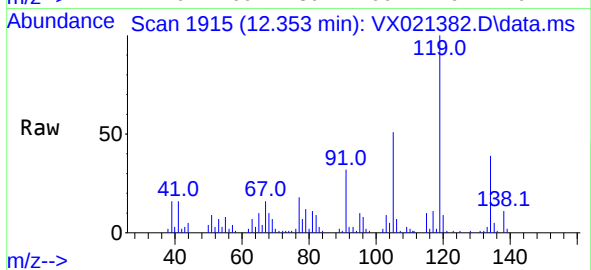
Tgt Ion:119 Resp: 10680
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.7
 91 28.7 11.7 35.0





#89
 n-Butylbenzene
 Concen: 1.90 ug/l
 RT: 12.353 min Scan# 1915
 Delta R.T. -0.018 min
 Lab File: VX021382.D
 Acq: 23 Mar 2021 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 RO124027



Tgt Ion: 91 Resp: 5638

Ion	Ratio	Lower	Upper
91	100		
92	31.5	27.4	82.0
134	88.6	13.2	39.5#

