

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021723.D
 Acq On : 01 Apr 2021 20:58
 Operator : JC/MD
 Sample : M1776-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 110

Quant Time: Apr 02 03:33:32 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)

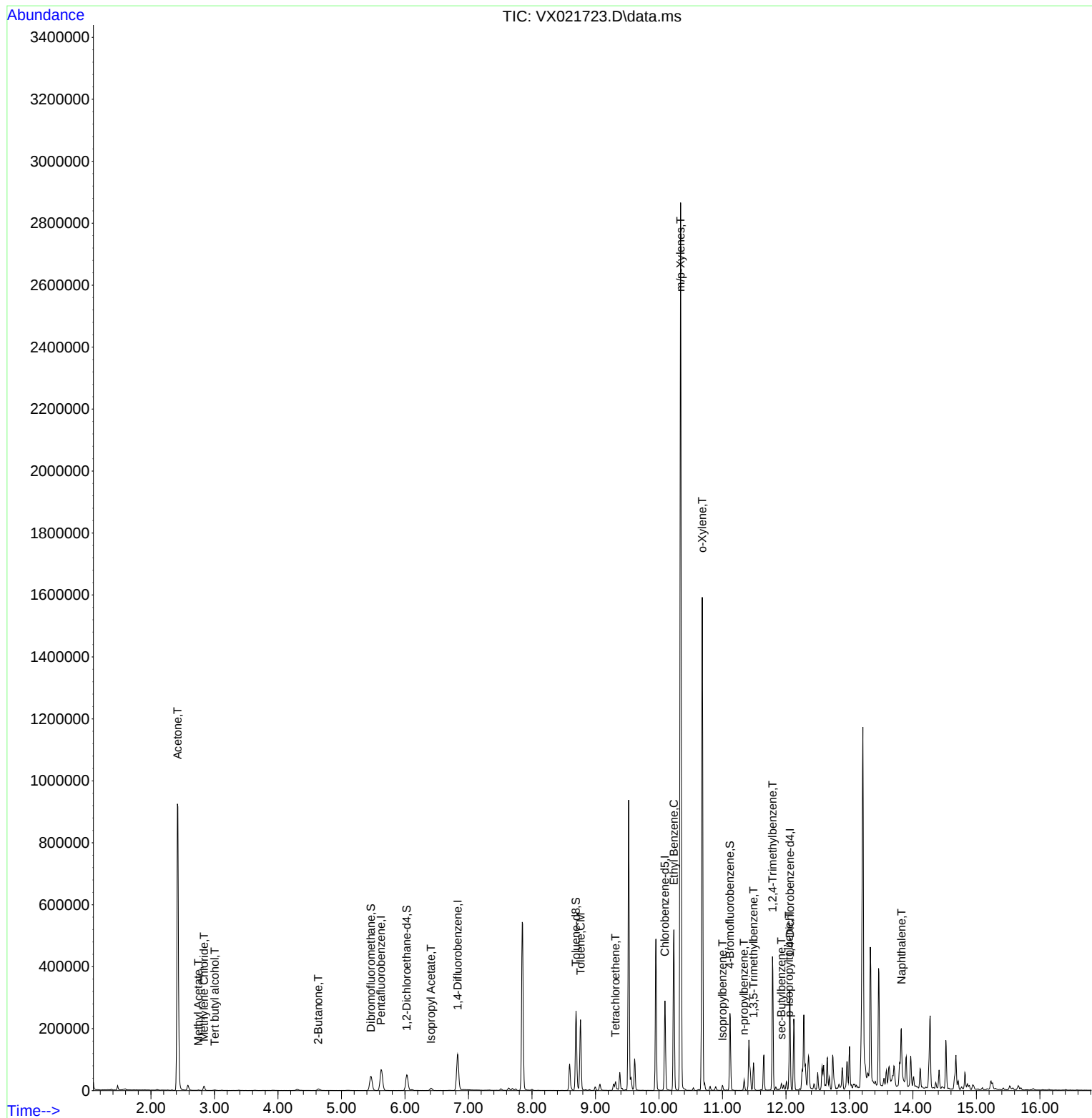
Internal Standards						
1) Pentafluorobenzene	5.623	168	59529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	108070	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	121544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	59163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	50141	50.62	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.24%
35) Dibromofluoromethane	5.464	113	38411	50.04	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.08%
50) Toluene-d8	8.694	98	140462	51.35	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.70%
62) 4-Bromofluorobenzene	11.118	95	63498	59.70	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.40%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.005	59	1593	9.73	ug/l #	91
16) Acetone	2.417	43	1001775	2674.94	ug/l	89
18) Methyl Acetate	2.746	43	1516	1.40	ug/l #	81
20) Methylene Chloride	2.834	84	5899	8.07	ug/l #	83
25) 2-Butanone	4.634	43	8293	14.61	ug/l	90
43) Isopropyl Acetate	6.411	43	9123	4.59	ug/l #	90
52) Toluene	8.764	92	79735	42.93	ug/l	98
64) Tetrachloroethene	9.317	164	4523	5.56	ug/l #	78
67) Ethyl Benzene	10.235	91	288564	64.84	ug/l	100
68) m/p-Xylenes	10.341	106	598505	377.47	ug/l	93
69) o-Xylene	10.682	106	306971	199.88	ug/l	93
73) Isopropylbenzene	11.000	105	7516	1.81	ug/l	99
78) n-propylbenzene	11.341	91	19035	3.88	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	35023	9.86	ug/l	99
84) 1,2,4-Trimethylbenzene	11.788	105	176709	49.36	ug/l	98
85) sec-Butylbenzene	11.930	105	6636	1.66	ug/l	87
86) p-Isopropyltoluene	12.047	119	4673	1.29	ug/l	88
95) Naphthalene	13.818	128	95388	24.73	ug/l	99

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

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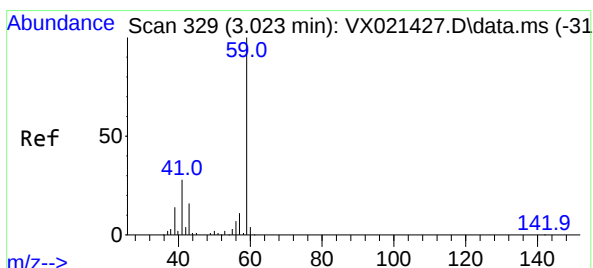
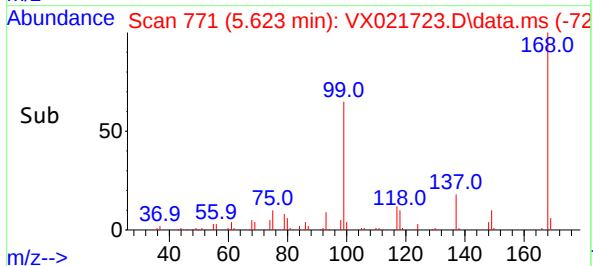
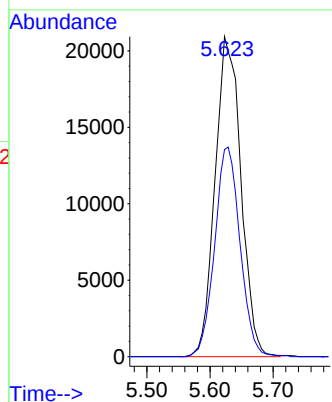
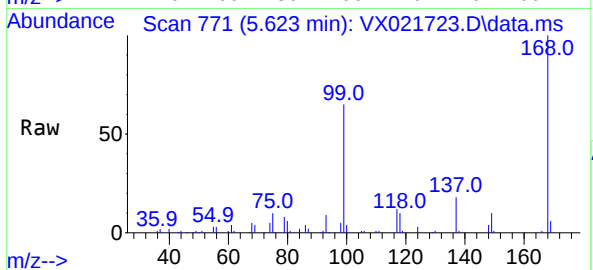




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.006 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

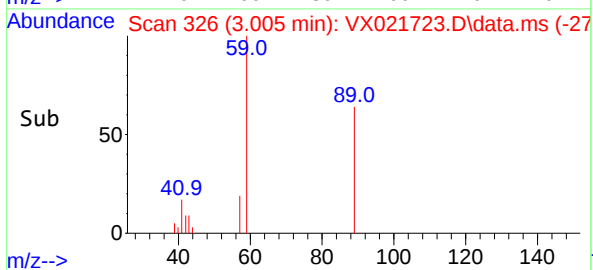
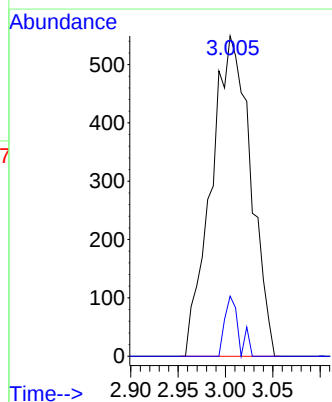
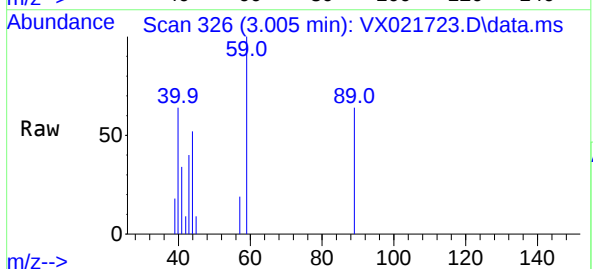
Instrument :
MSVOA_X
ClientSampled :
110

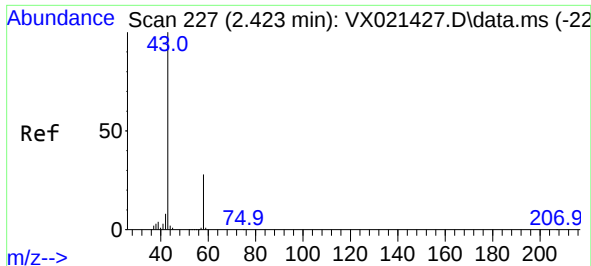
Tgt Ion:168 Resp: 59529
Ion Ratio Lower Upper
168 100
99 64.7 45.8 68.6



#11
Tert butyl alcohol
Concen: 9.73 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.018 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

Tgt Ion: 59 Resp: 1593
Ion Ratio Lower Upper
59 100
57 6.7 7.8 11.8#

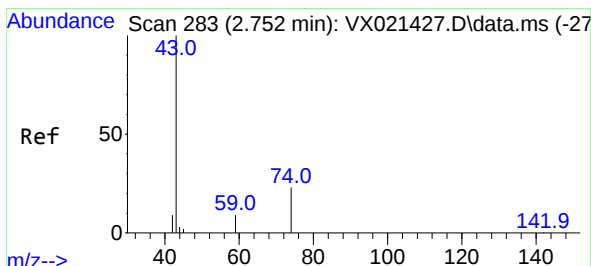
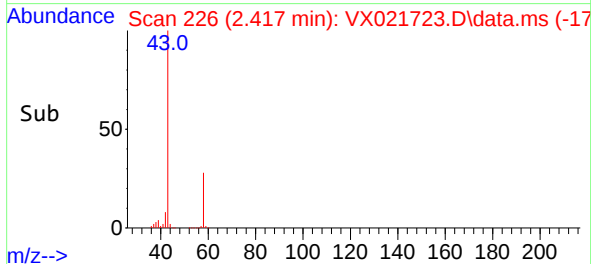
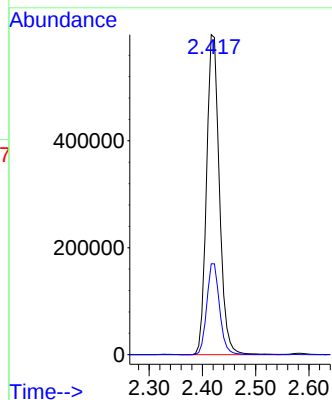
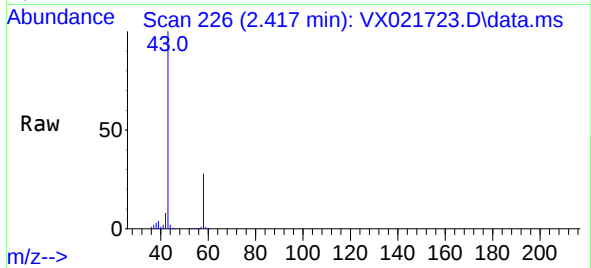




#16
Acetone
Concen: 2674.94 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

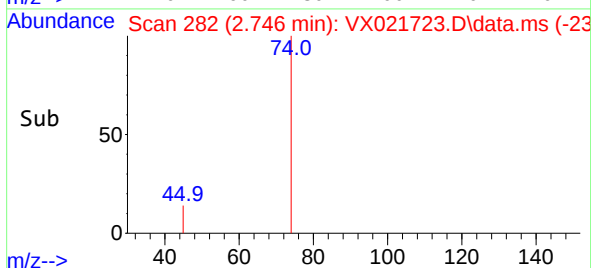
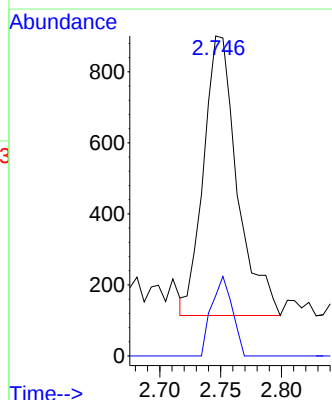
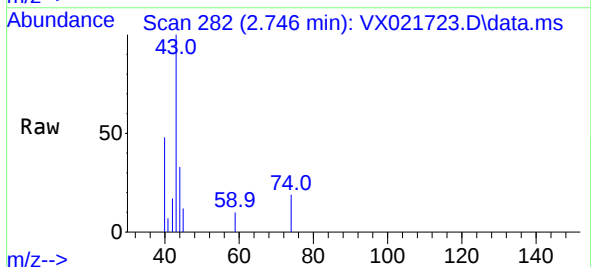
Instrument :
MSVOA_X
ClientSampled :
110

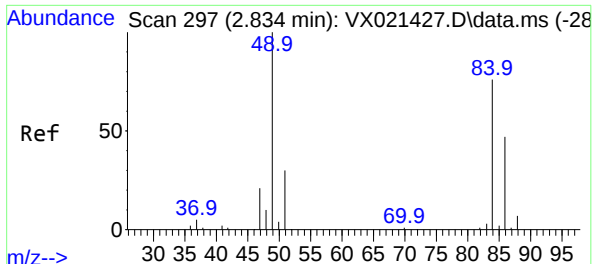
Tgt Ion: 43 Resp: 1001775
Ion Ratio Lower Upper
43 100
58 28.4 27.8 41.8



#18
Methyl Acetate
Concen: 1.40 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

Tgt Ion: 43 Resp: 1516
Ion Ratio Lower Upper
43 100
74 17.5 21.9 32.9#





#20

Methylene Chloride

Concen: 8.07 ug/l

RT: 2.834 min Scan# 297

Delta R.T. 0.000 min

Lab File: VX021723.D

Acq: 01 Apr 2021 20:58

Instrument :
MSVOA_X
ClientSampled :
110

Tgt Ion: 84 Resp: 5899

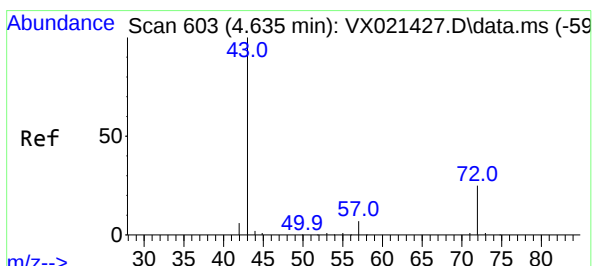
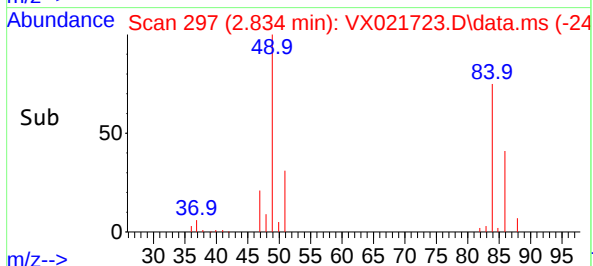
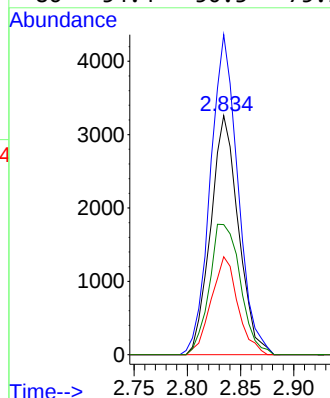
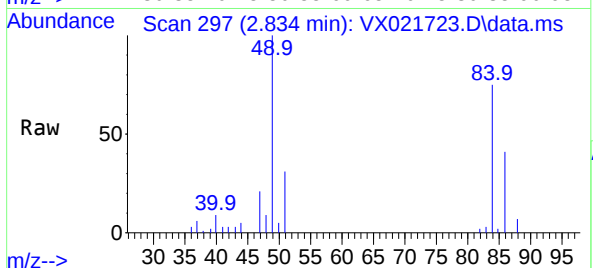
Ion Ratio Lower Upper

84 100

49 133.9 88.6 132.8#

51 41.0 27.0 40.6#

86 54.4 50.3 75.5



#25

2-Butanone

Concen: 14.61 ug/l

RT: 4.634 min Scan# 603

Delta R.T. -0.001 min

Lab File: VX021723.D

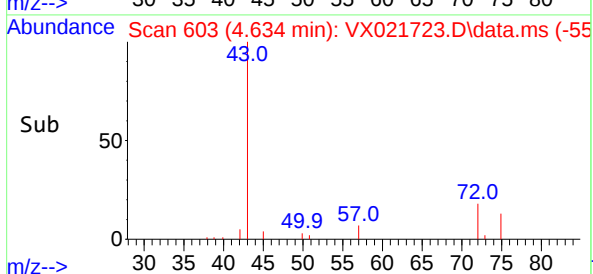
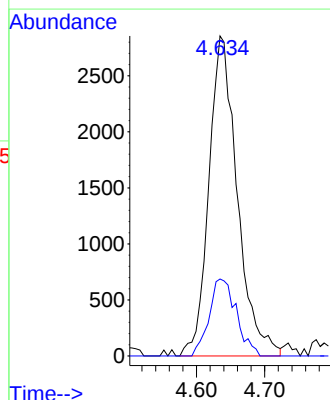
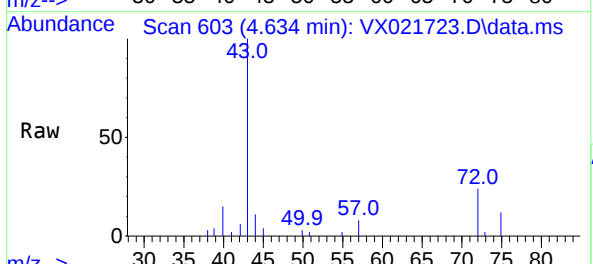
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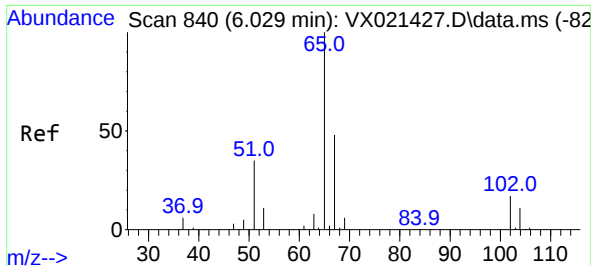
Tgt Ion: 43 Resp: 8293

Ion Ratio Lower Upper

43 100

72 24.0 23.7 35.5

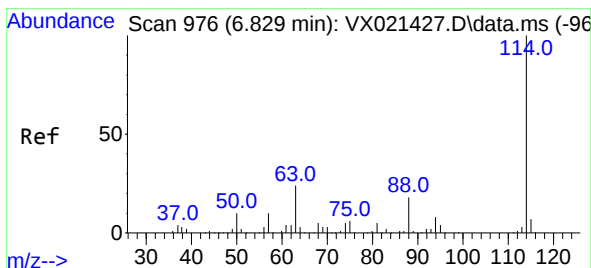
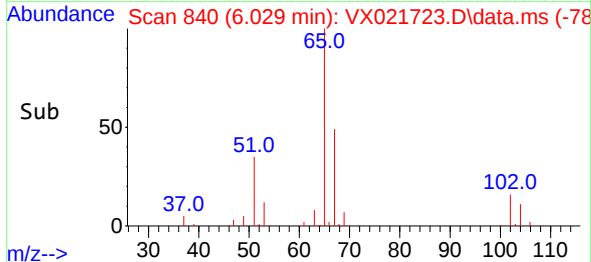
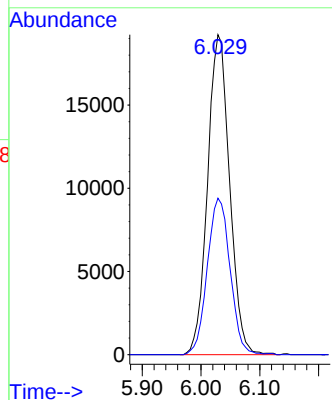
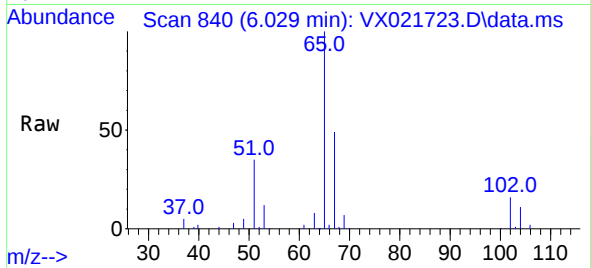




#33
1,2-Dichloroethane-d4
Concen: 50.62 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

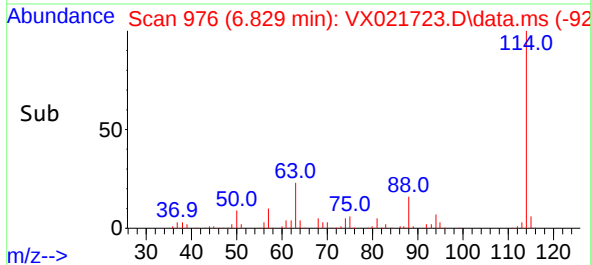
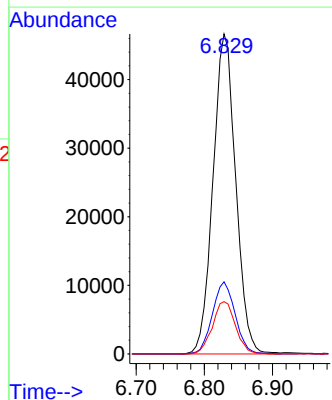
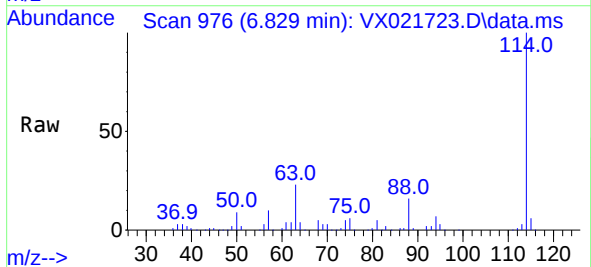
Instrument :
MSVOA_X
ClientSampled :
110

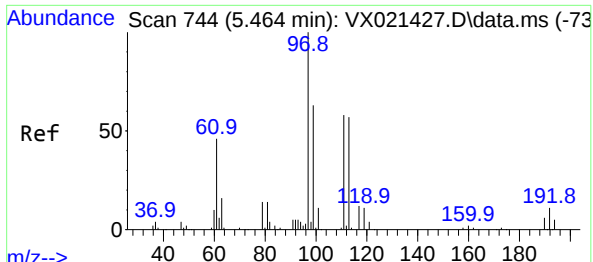
Tgt Ion: 65 Resp: 50141
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

Tgt Ion: 114 Resp: 108070
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.8
88 16.3 0.0 32.8



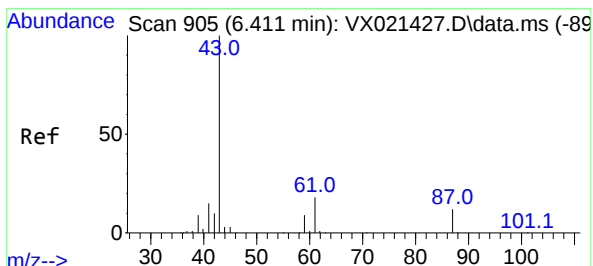
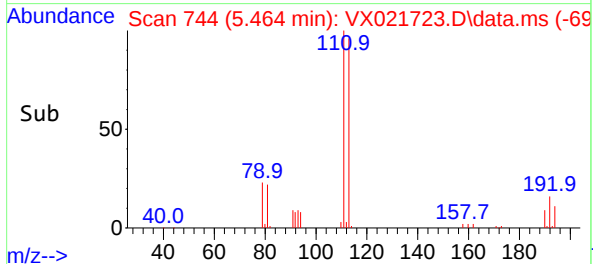
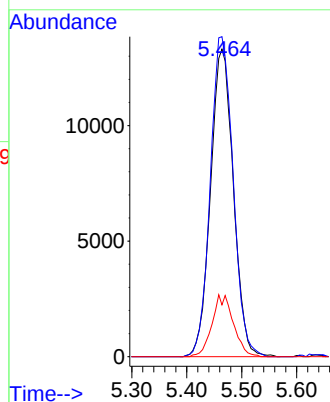
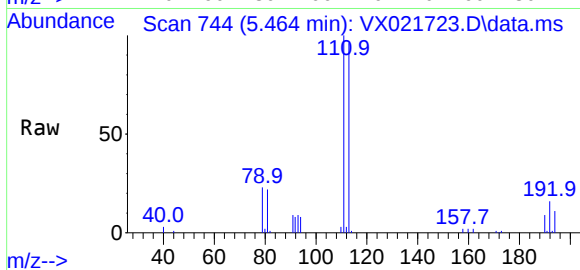


#35
Dibromofluoromethane
Concen: 50.04 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

Instrument :
MSVOA_X
ClientSampleId :
110

Tgt Ion:113 Resp: 38411

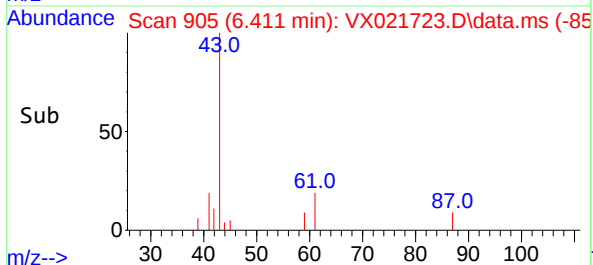
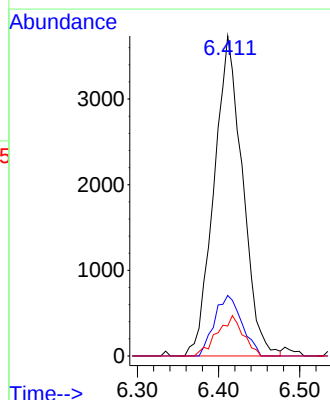
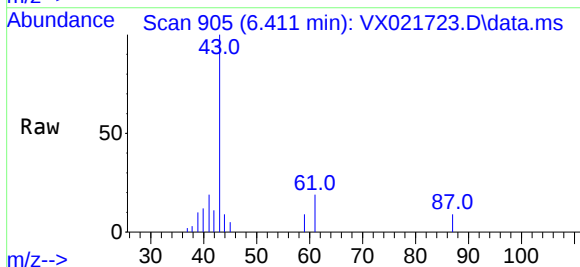
Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.9	122.9
192	18.9	16.7	25.1

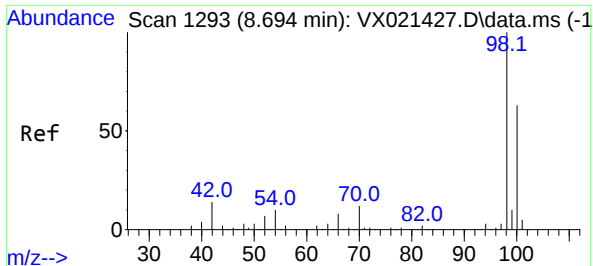


#43
Isopropyl Acetate
Concen: 4.59 ug/l
RT: 6.411 min Scan# 905
Delta R.T. 0.000 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

Tgt Ion: 43 Resp: 9123

Ion	Ratio	Lower	Upper
43	100		
61	18.1	18.2	27.4#
87	11.4	12.5	18.7#

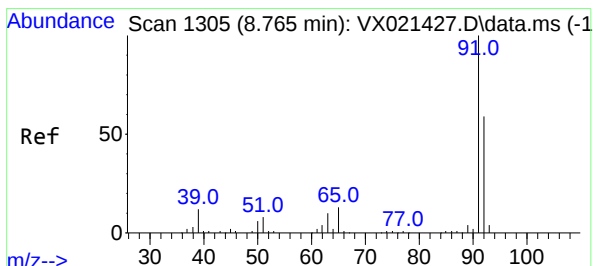
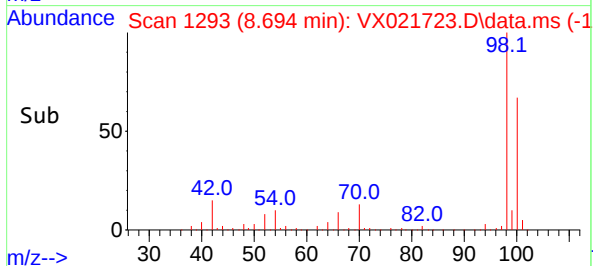
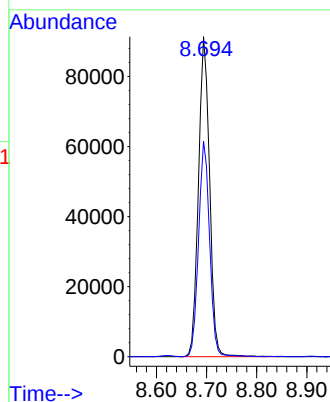
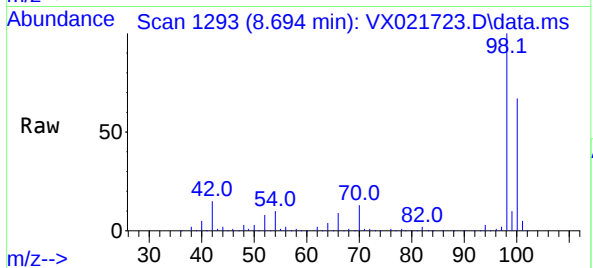




#50
Toluene-d8
Concen: 51.35 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

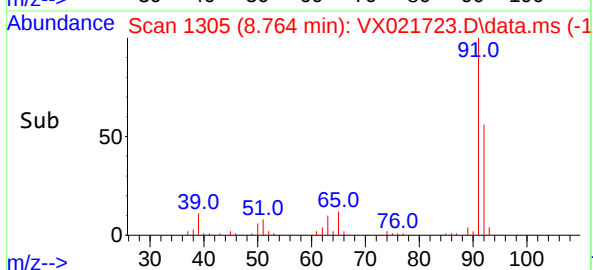
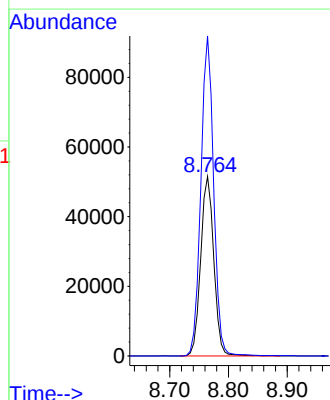
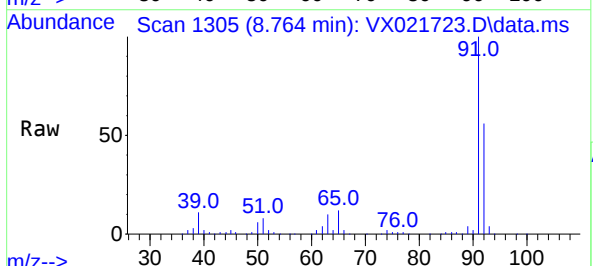
Instrument :
MSVOA_X
ClientSampled :
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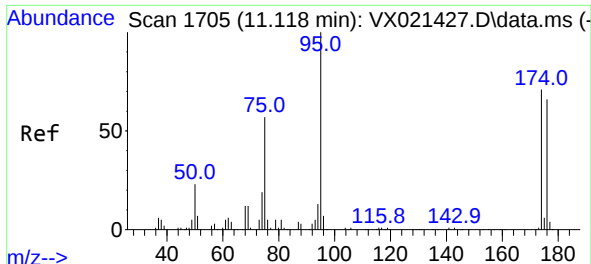
Tgt Ion: 98 Resp: 140462
Ion Ratio Lower Upper
98 100
100 66.8 51.9 77.9



#52
Toluene
Concen: 42.93 ug/l
RT: 8.764 min Scan# 1305
Delta R.T. -0.001 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

Tgt Ion: 92 Resp: 79735
Ion Ratio Lower Upper
92 100
91 173.9 137.1 205.7

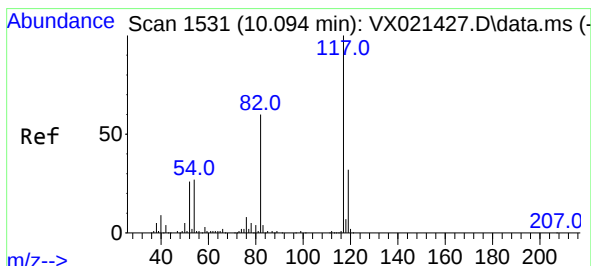
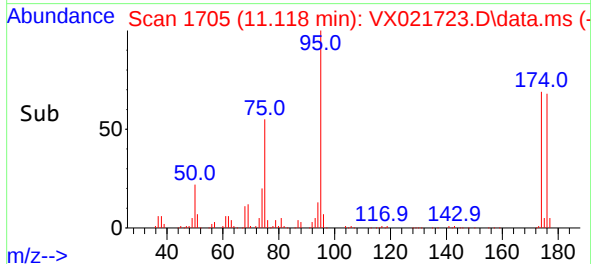
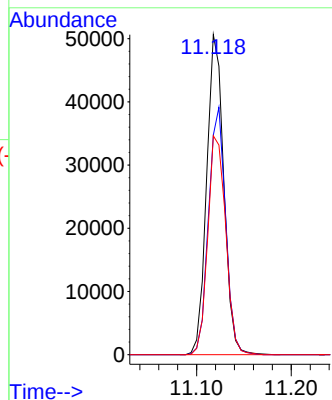
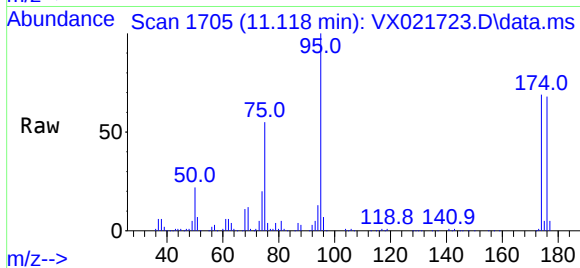




#62
4-Bromofluorobenzene
Concen: 59.70 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

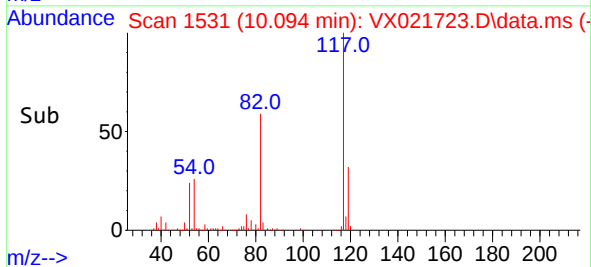
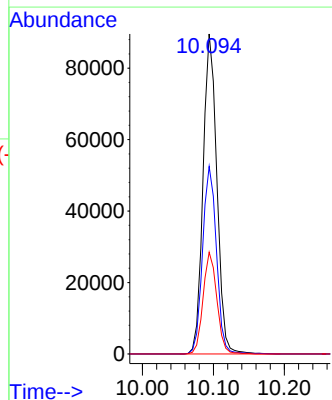
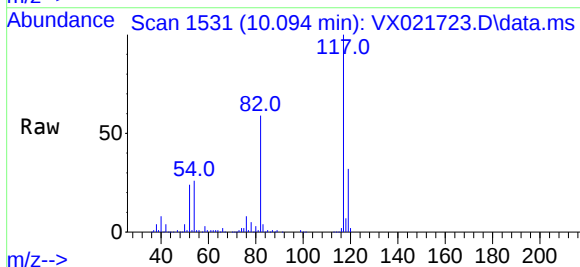
Instrument :
MSVOA_X
ClientSampled :
110

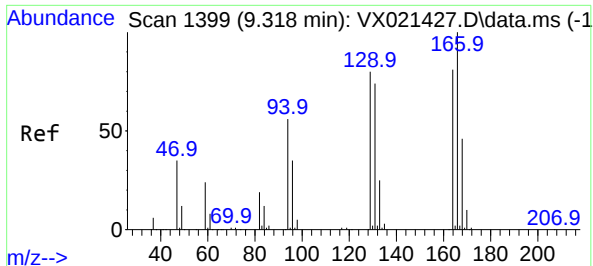
Tgt Ion: 95 Resp: 63498
Ion Ratio Lower Upper
95 100
174 77.1 0.0 154.6
176 71.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

Tgt Ion: 117 Resp: 121544
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 31.8 26.6 39.8

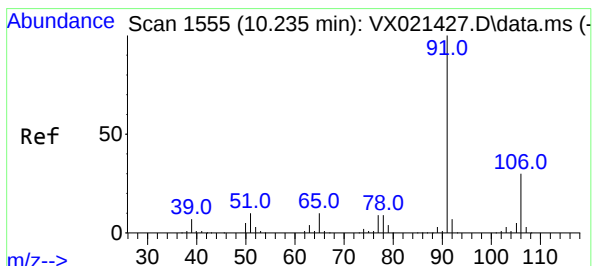
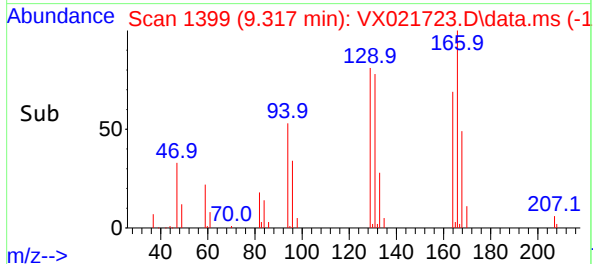
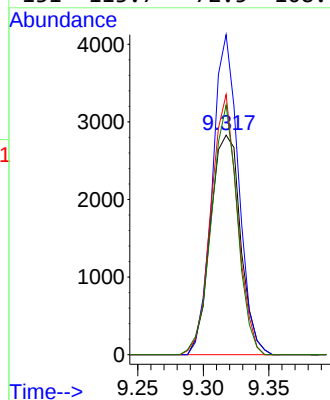
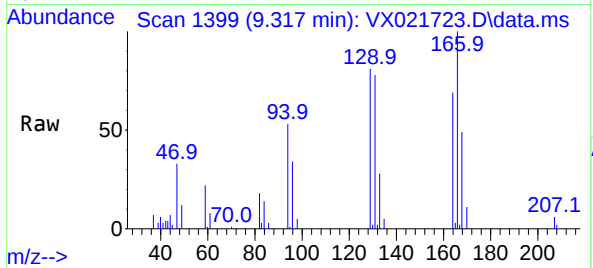




#64
Tetrachloroethene
Concen: 5.56 ug/l
RT: 9.317 min Scan# 1399
Delta R.T. -0.001 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

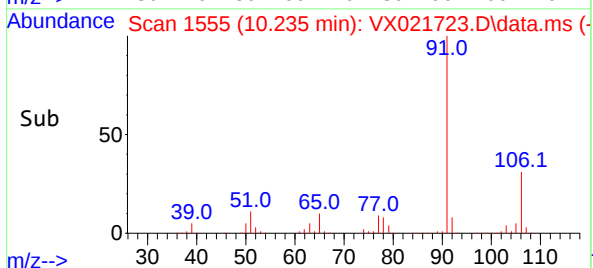
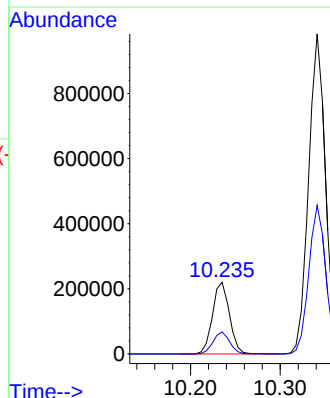
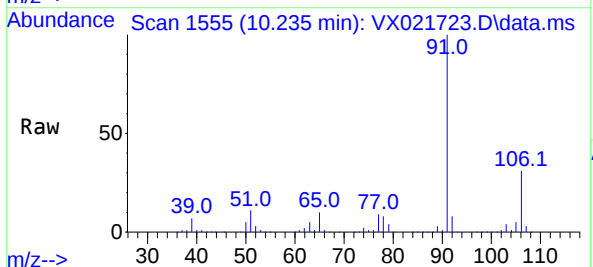
Instrument :
MSVOA_X
ClientSampled :
110

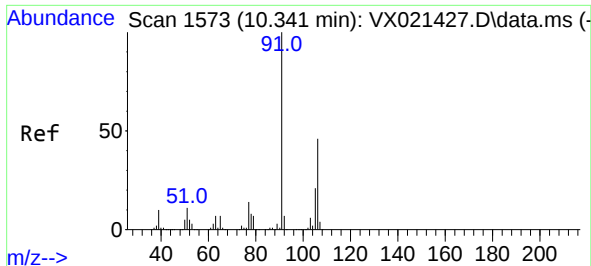
Tgt Ion:164 Resp: 4523
Ion Ratio Lower Upper
164 100
166 145.7 103.4 155.2
129 118.5 70.8 106.2#
131 113.7 72.5 108.7#



#67
Ethyl Benzene
Concen: 64.84 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

Tgt Ion: 91 Resp: 288564
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0

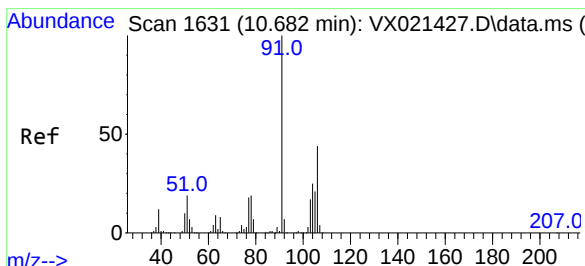
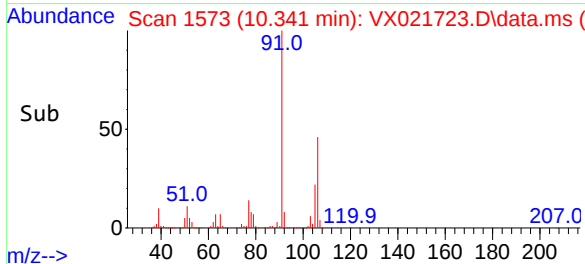
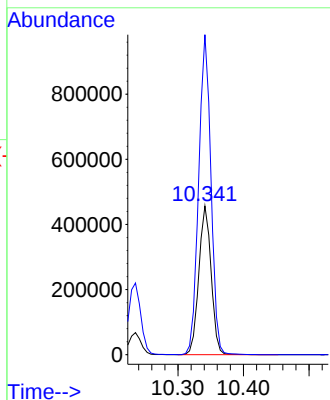
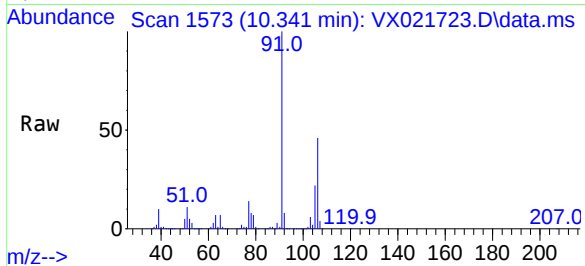




#68
m/p-Xylenes
Concen: 377.47 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

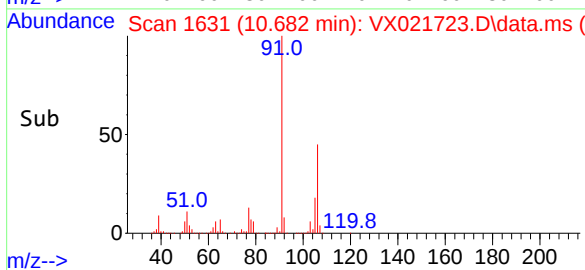
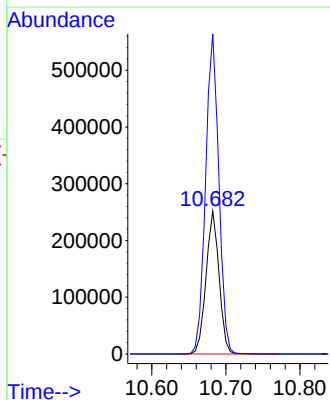
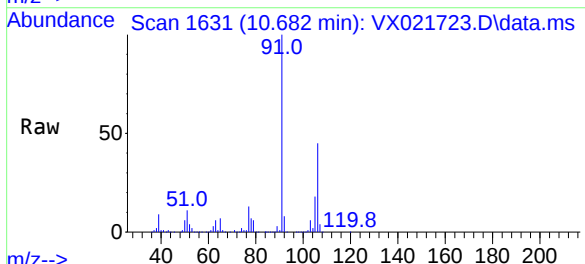
Instrument :
MSVOA_X
ClientSampled :
110

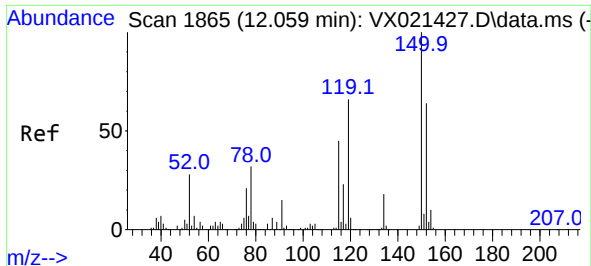
Tgt Ion:106 Resp: 598505
Ion Ratio Lower Upper
106 100
91 214.1 162.8 244.2



#69
o-Xylene
Concen: 199.88 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

Tgt Ion:106 Resp: 306971
Ion Ratio Lower Upper
106 100
91 227.9 108.1 324.2

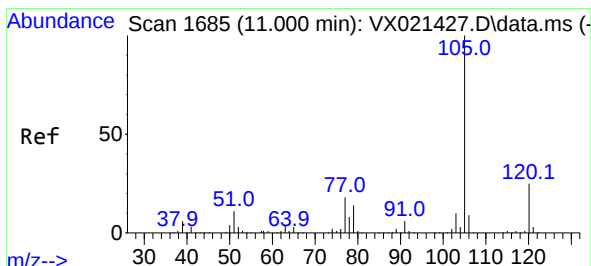
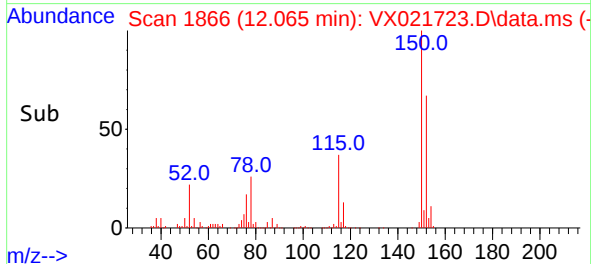
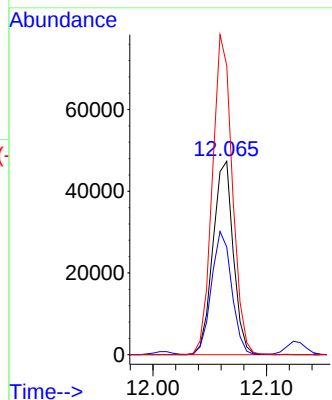
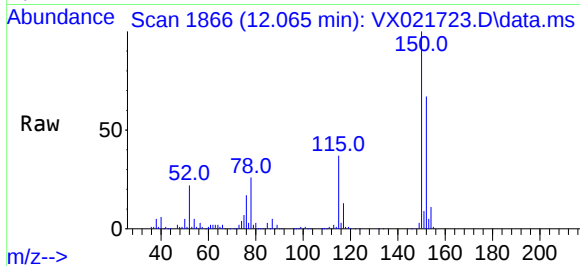




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

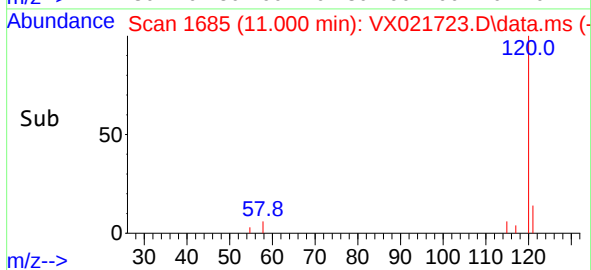
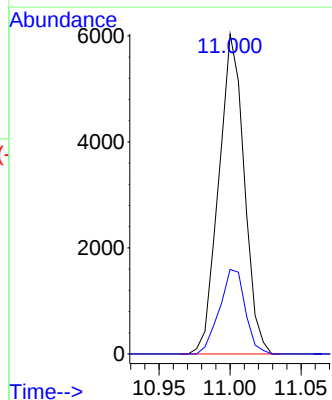
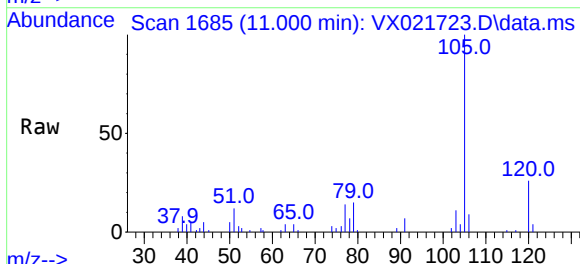
Instrument :
MSVOA_X
ClientSampled :
110

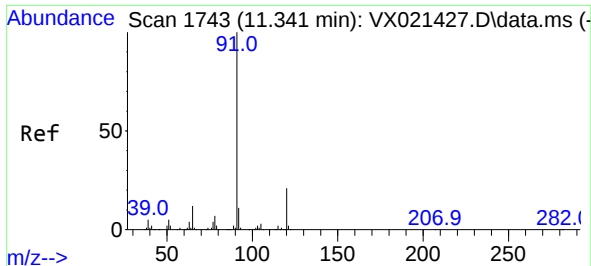
Tgt Ion:152 Resp: 59163
Ion Ratio Lower Upper
152 100
115 63.4 41.1 123.3
150 161.6 0.0 349.0



#73
Isopropylbenzene
Concen: 1.81 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

Tgt Ion:105 Resp: 7516
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.6

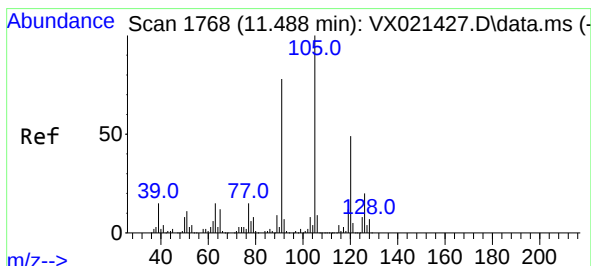
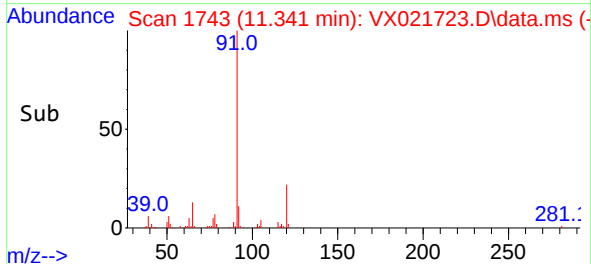
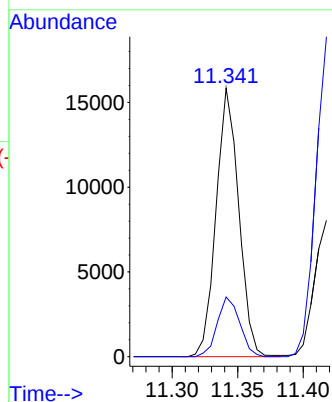
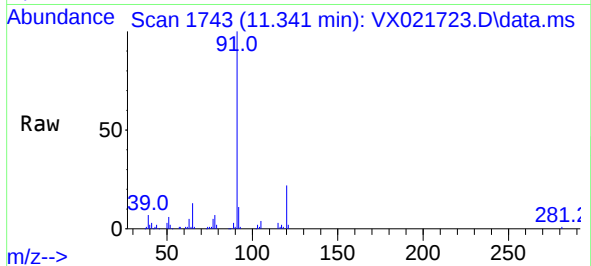




#78
n-propylbenzene
Concen: 3.88 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

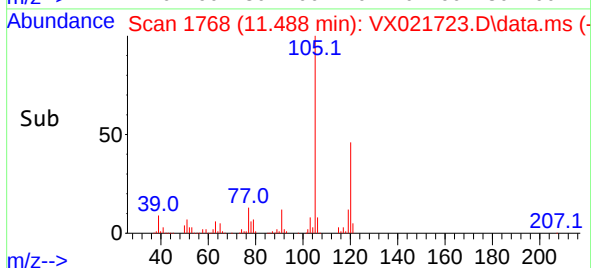
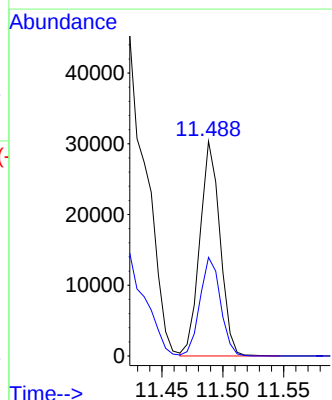
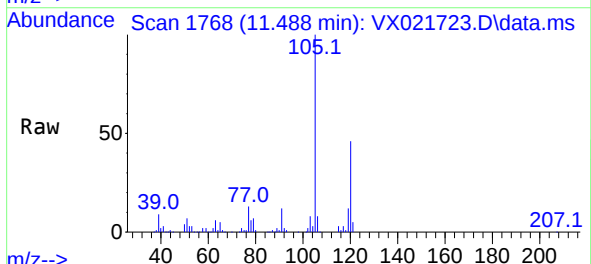
Instrument :
MSVOA_X
ClientSampled :
110

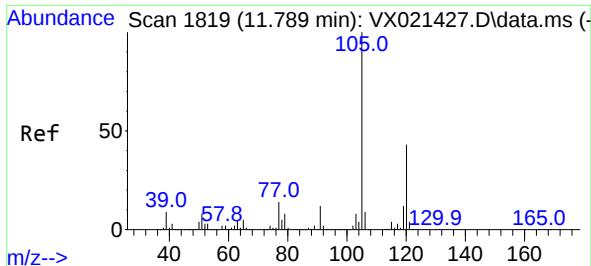
Tgt Ion: 91 Resp: 19035
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 9.86 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

Tgt Ion: 105 Resp: 35023
Ion Ratio Lower Upper
105 100
120 46.7 23.8 71.5

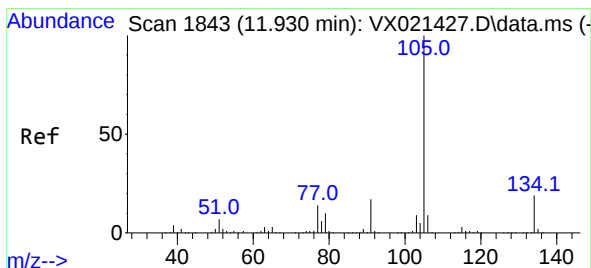
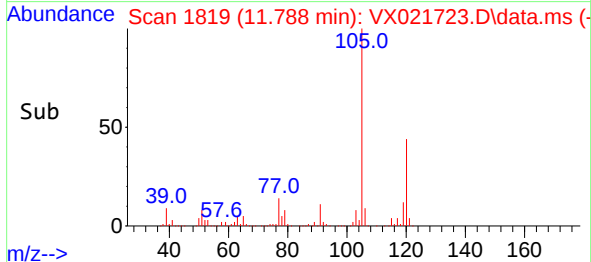
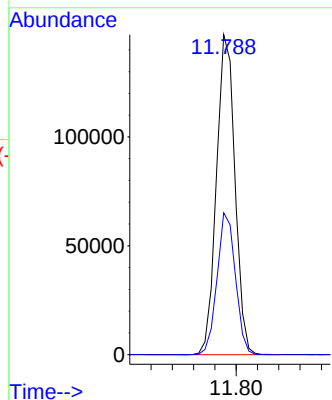
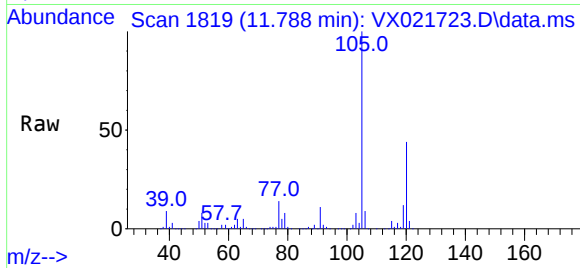




#84
1,2,4-Trimethylbenzene
Concen: 49.36 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. -0.001 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

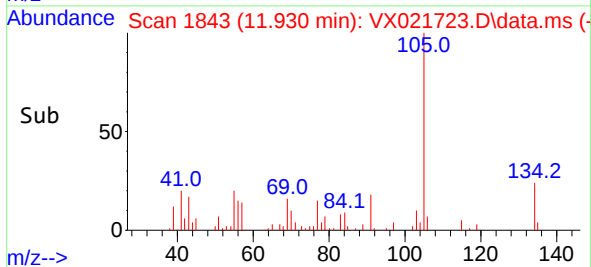
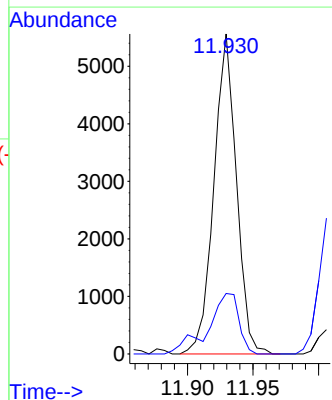
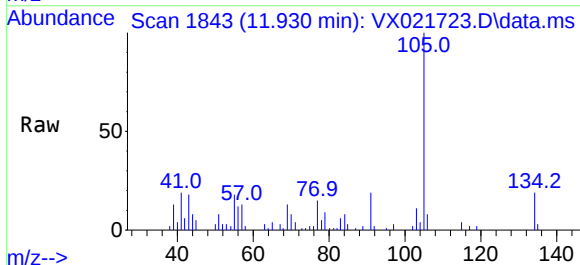
Instrument :
MSVOA_X
ClientSampled :
110

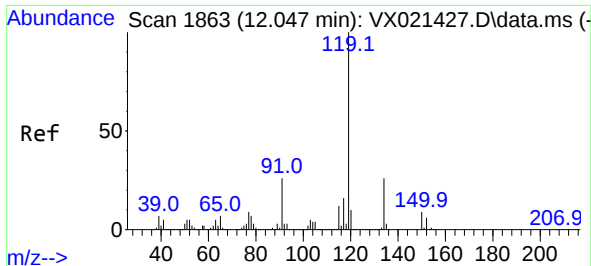
Tgt Ion:105 Resp: 176709
Ion Ratio Lower Upper
105 100
120 43.9 22.4 67.3



#85
sec-Butylbenzene
Concen: 1.66 ug/l
RT: 11.930 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

Tgt Ion:105 Resp: 6636
Ion Ratio Lower Upper
105 100
134 25.9 10.0 29.8

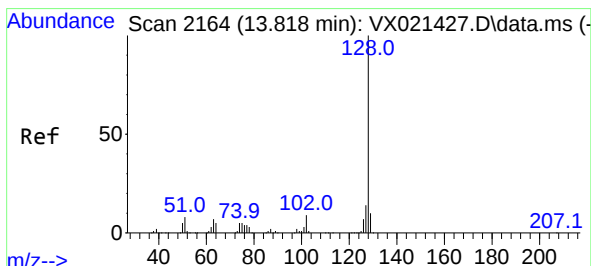
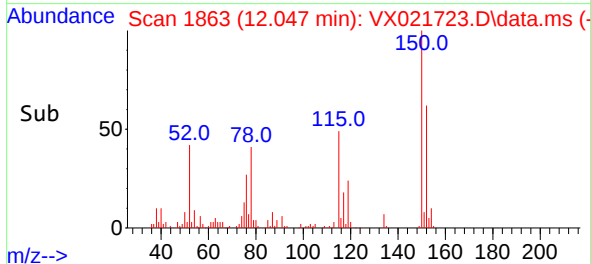
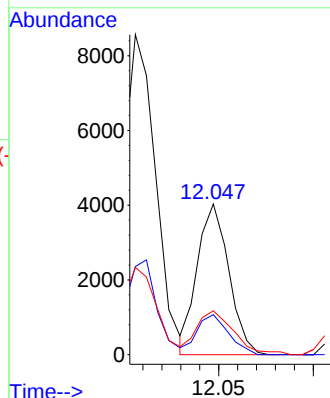
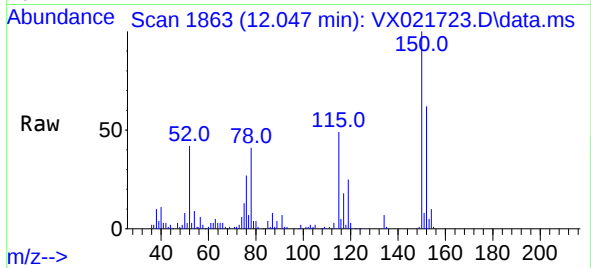




#86
p-Isopropyltoluene
Concen: 1.29 ug/l
RT: 12.047 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

Instrument :
MSVOA_X
ClientSampled :
110

Tgt Ion:119 Resp: 4673
Ion Ratio Lower Upper
119 100
134 26.6 12.9 38.7
91 34.6 11.7 35.0



#95
Naphthalene
Concen: 24.73 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VX021723.D
Acq: 01 Apr 2021 20:58

Tgt Ion:128 Resp: 95388
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.5 8.8 13.2

