

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021111.D
 Acq On : 09 Mar 2021 16:11
 Operator : JC/MD
 Sample : M1578-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2

Quant Time: Mar 10 00:32:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

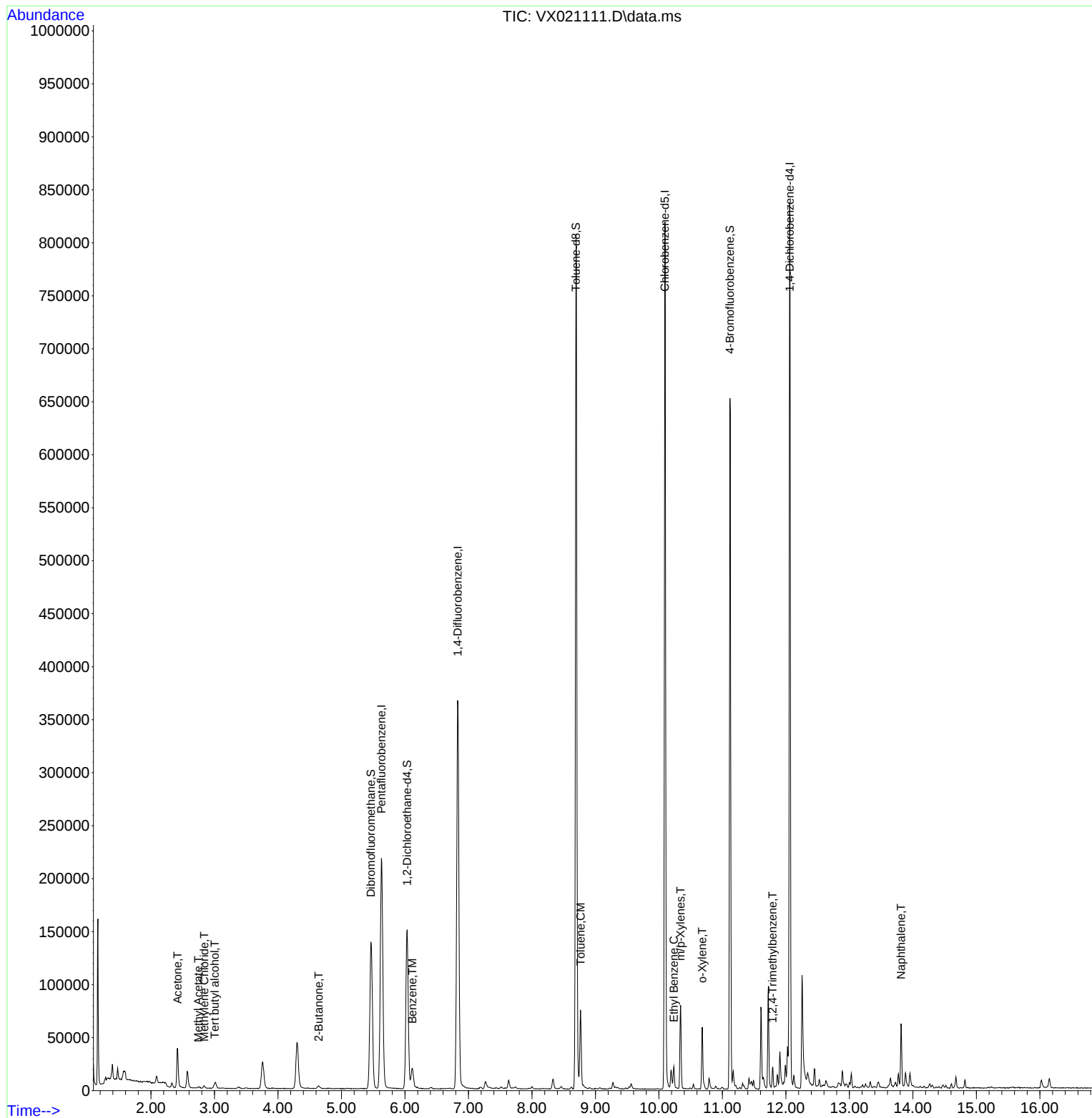
Internal Standards						
1) Pentafluorobenzene	5.629	168	213014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	395356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	388602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	174521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	140896	48.97	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.94%
35) Dibromofluoromethane	5.464	113	123401	51.37	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.74%
50) Toluene-d8	8.694	98	493945	52.74	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.48%
62) 4-Bromofluorobenzene	11.118	95	186097	53.74	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.48%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.005	59	2831	4.42	ug/l	# 87
16) Acetone	2.417	43	37966	32.02	ug/l	99
18) Methyl Acetate	2.746	43	1352	0.48	ug/l	91
20) Methylene Chloride	2.840	84	1044	0.37	ug/l	92
25) 2-Butanone	4.641	43	4093	2.27	ug/l	90
40) Benzene	6.117	78	23854	2.12	ug/l	100
52) Toluene	8.765	92	27046	3.86	ug/l	99
67) Ethyl Benzene	10.236	91	11292	0.76	ug/l	97
68) m/p-Xylenes	10.341	106	18874	3.46	ug/l	99
69) o-Xylene	10.683	106	12079	2.27	ug/l	99
84) 1,2,4-Trimethylbenzene	11.789	105	8434	0.72	ug/l	98
95) Naphthalene	13.812	128	38801	3.03	ug/l	100

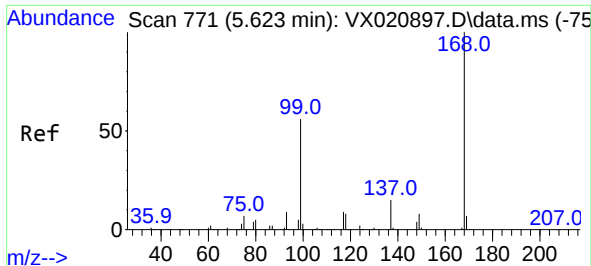
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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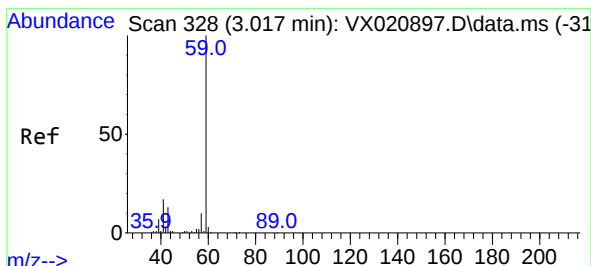
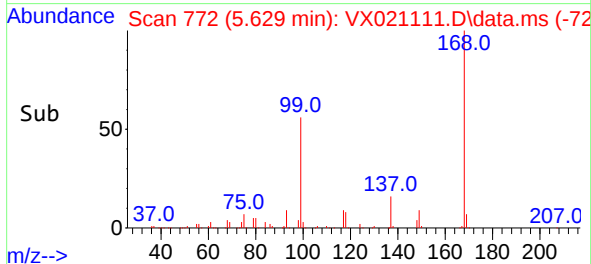
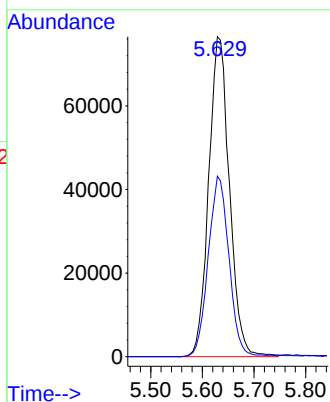
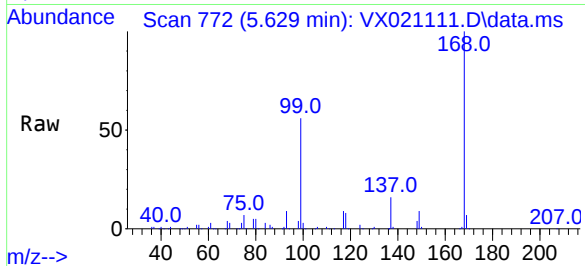




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021111.D
Acq: 09 Mar 2021 16:11

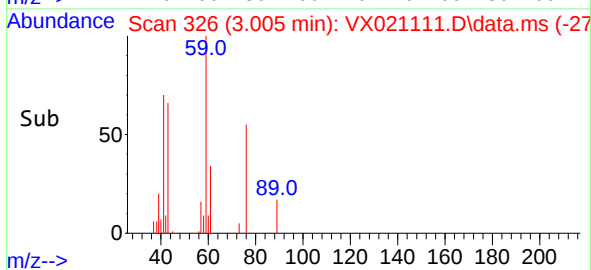
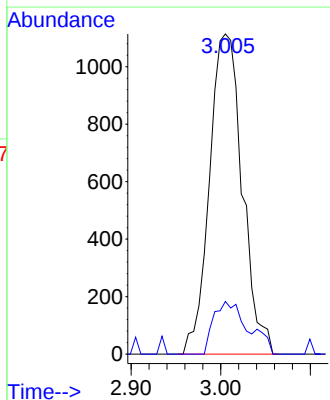
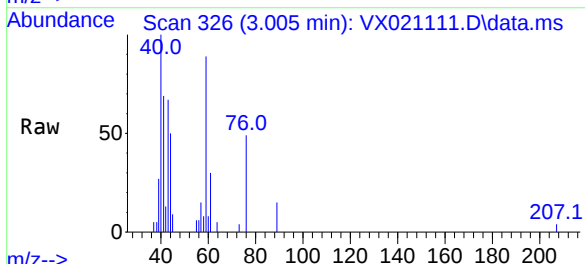
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

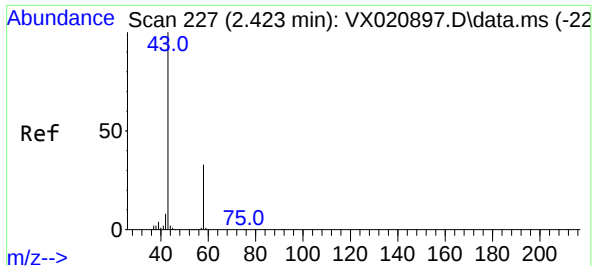
Tgt Ion:168 Resp: 213014
Ion Ratio Lower Upper
168 100
99 56.4 45.8 68.6



#11
Tert butyl alcohol
Concen: 4.42 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX021111.D
Acq: 09 Mar 2021 16:11

Tgt Ion: 59 Resp: 2831
Ion Ratio Lower Upper
59 100
57 14.5 7.8 11.8#

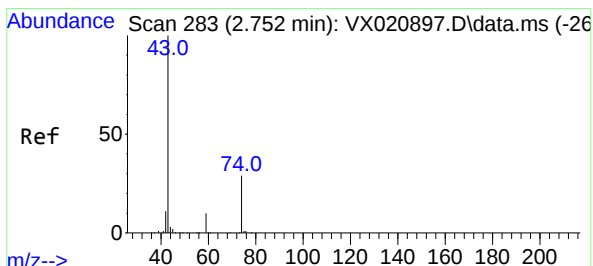
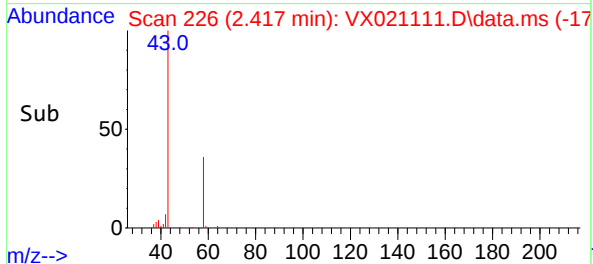
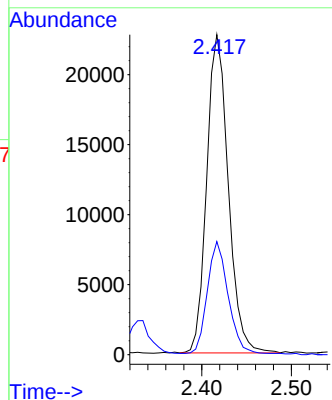
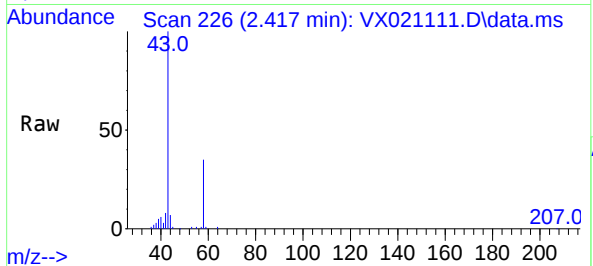




#16
Acetone
Concen: 32.02 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021111.D
Acq: 09 Mar 2021 16:11

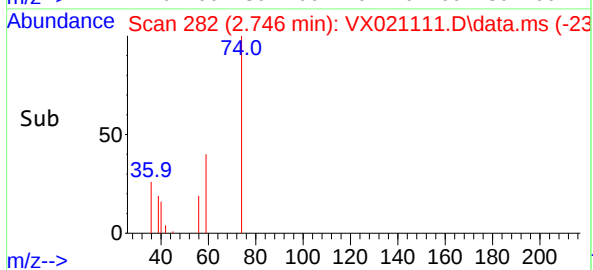
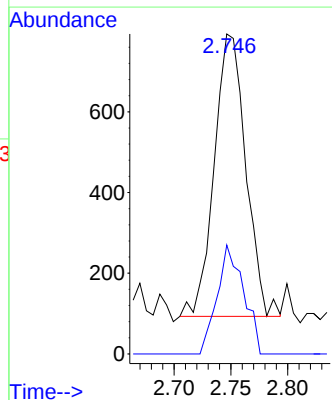
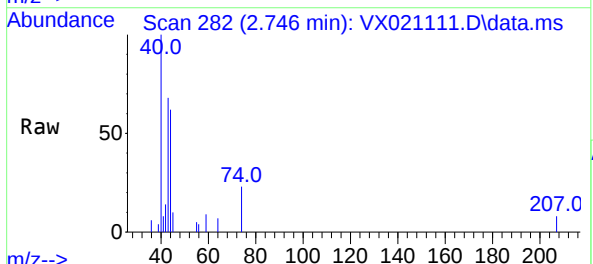
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

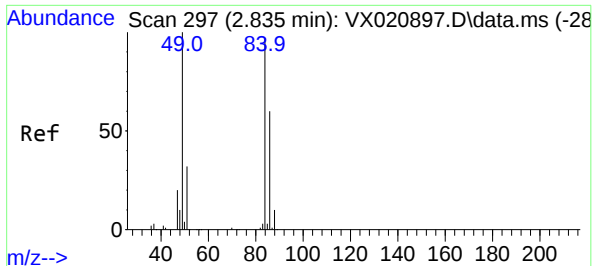
Tgt Ion: 43 Resp: 37966
Ion Ratio Lower Upper
43 100
58 35.1 27.8 41.8



#18
Methyl Acetate
Concen: 0.48 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021111.D
Acq: 09 Mar 2021 16:11

Tgt Ion: 43 Resp: 1352
Ion Ratio Lower Upper
43 100
74 32.2 21.9 32.9





#20

Methylene Chloride

Concen: 0.37 ug/l

RT: 2.840 min Scan# 298

Delta R.T. 0.006 min

Lab File: VX021111.D

Acq: 09 Mar 2021 16:11

Tgt Ion: 84 Resp: 1044

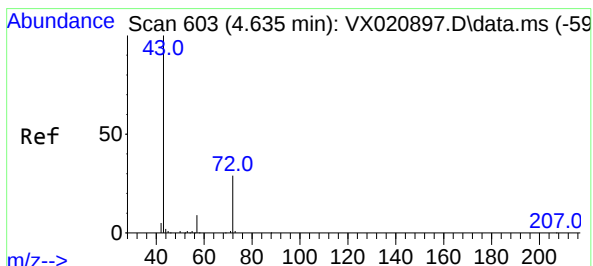
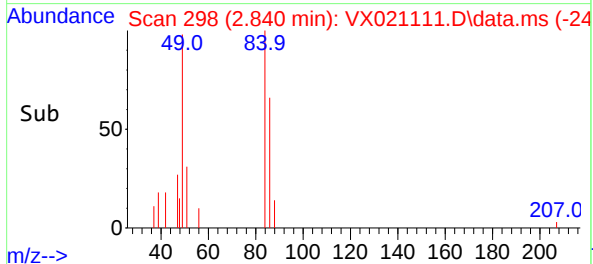
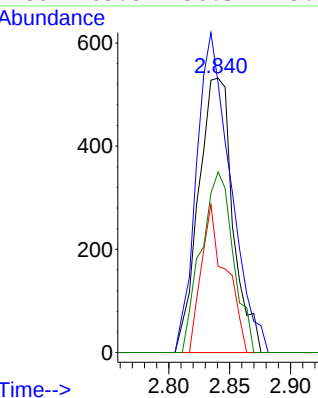
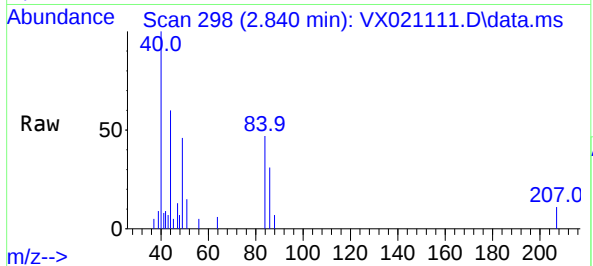
Ion Ratio Lower Upper

84 100

49 98.1 88.6 132.8

51 31.4 27.0 40.6

86 65.8 50.3 75.5



#25

2-Butanone

Concen: 2.27 ug/l

RT: 4.641 min Scan# 604

Delta R.T. 0.006 min

Lab File: VX021111.D

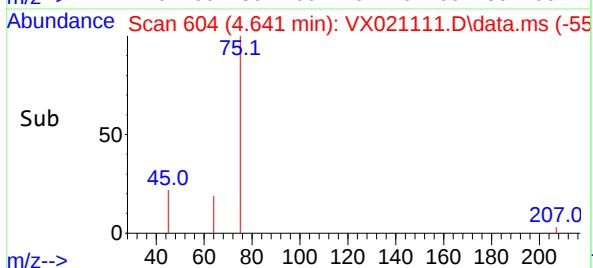
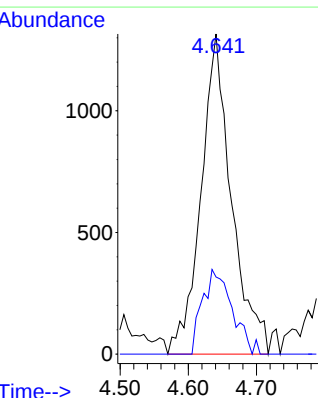
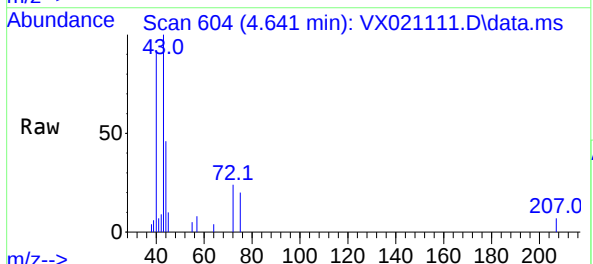
Acq: 09 Mar 2021 16:11

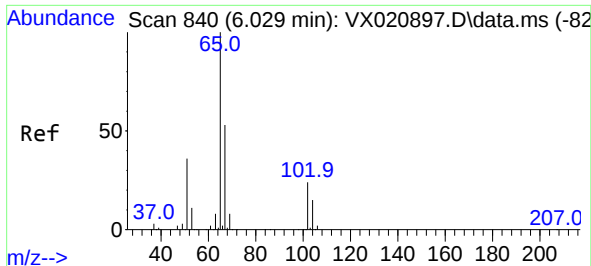
Tgt Ion: 43 Resp: 4093

Ion Ratio Lower Upper

43 100

72 24.1 23.7 35.5



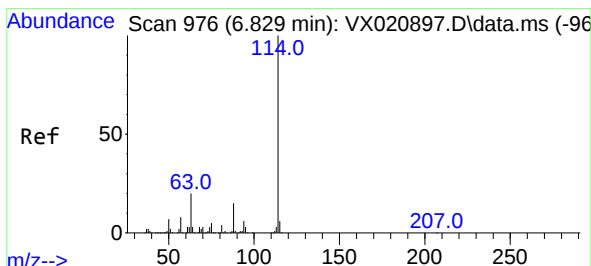
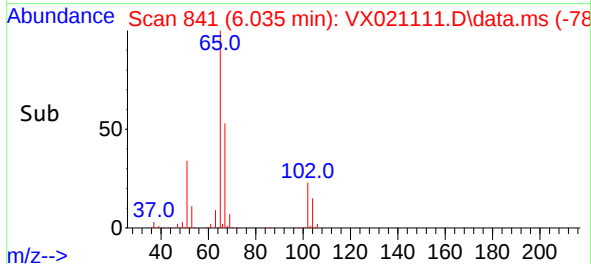
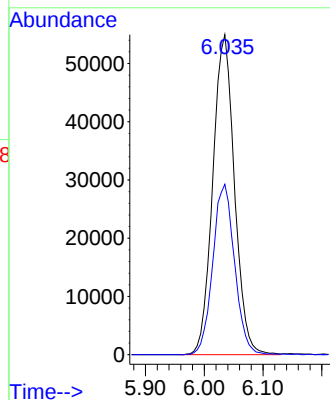
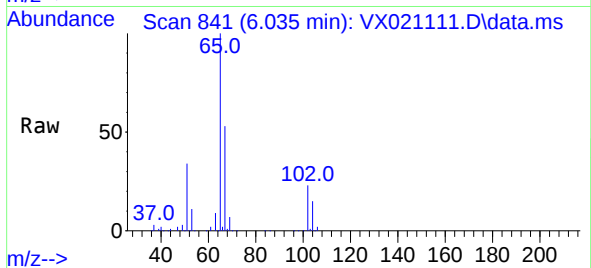


#33

1,2-Dichloroethane-d4
Concen: 48.97 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021111.D
Acq: 09 Mar 2021 16:11

Instrument :
MSVOA_X
ClientSampleId :
COMP-2

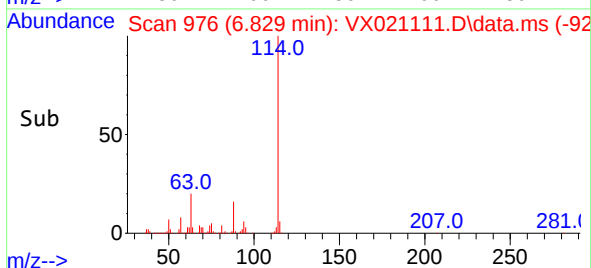
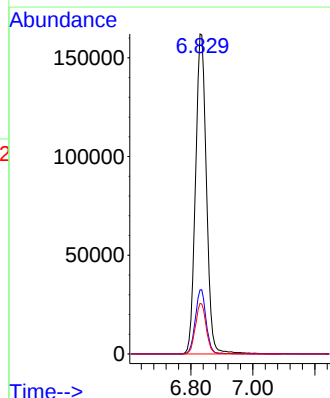
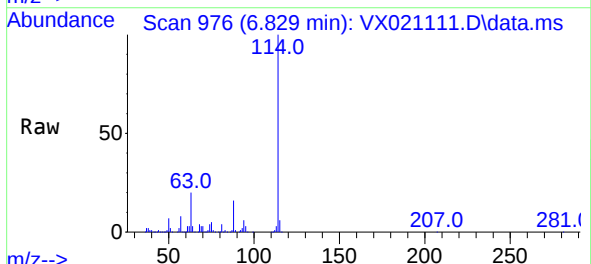
Tgt Ion: 65 Resp: 140896
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4

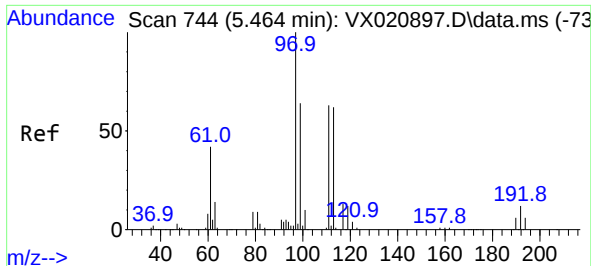


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021111.D
Acq: 09 Mar 2021 16:11

Tgt Ion: 114 Resp: 395356
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 15.8 0.0 32.8

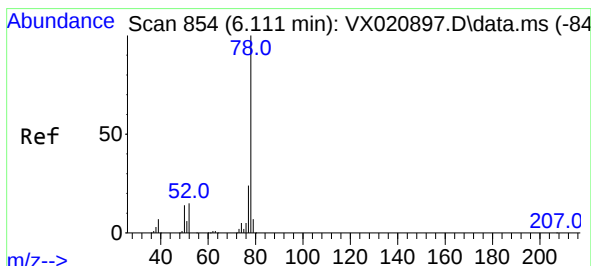
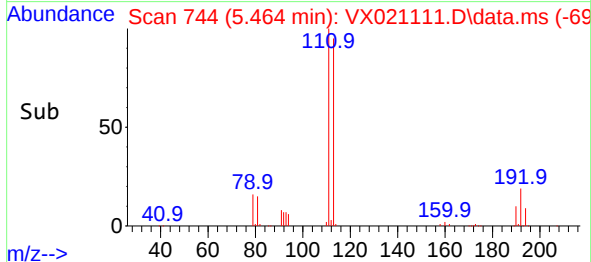
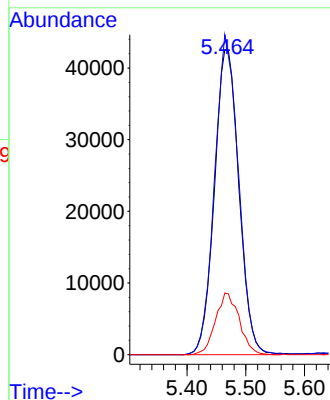
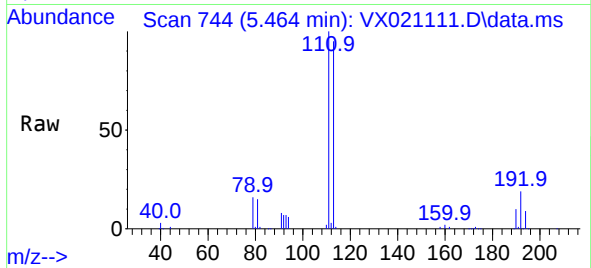




#35
Dibromofluoromethane
Concen: 51.37 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021111.D
Acq: 09 Mar 2021 16:11

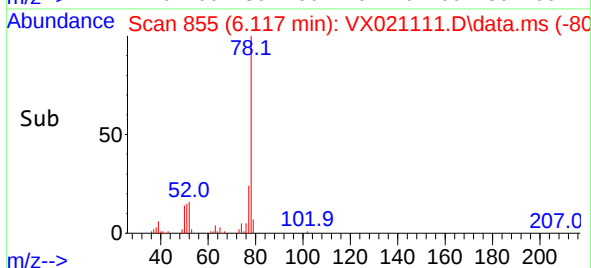
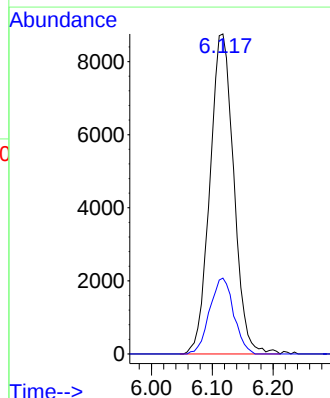
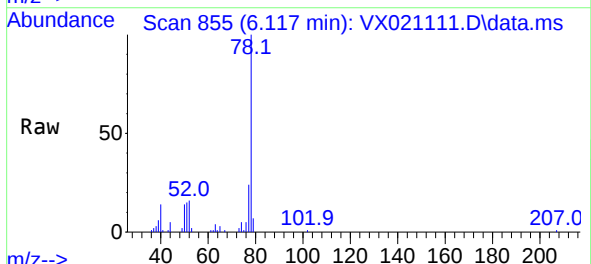
Instrument :
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ClientSampleId :
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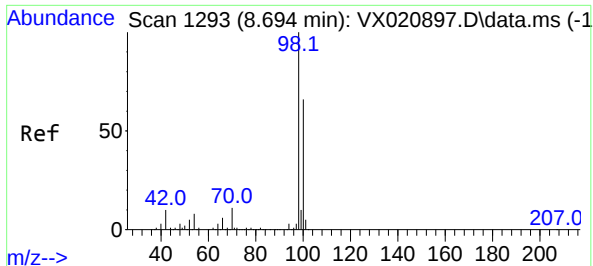
Tgt Ion:113 Resp: 123401
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 19.5 16.7 25.1



#40
Benzene
Concen: 2.12 ug/l
RT: 6.117 min Scan# 855
Delta R.T. 0.006 min
Lab File: VX021111.D
Acq: 09 Mar 2021 16:11

Tgt Ion: 78 Resp: 23854
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

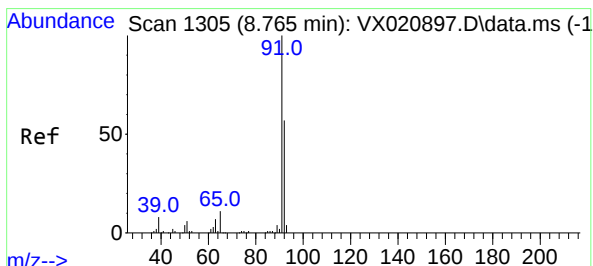
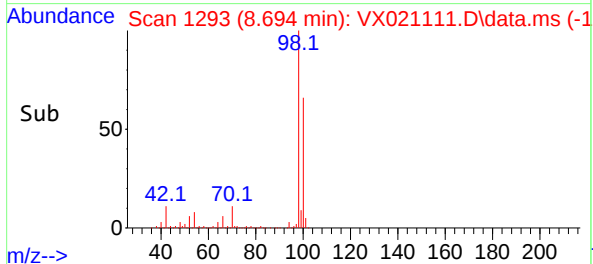
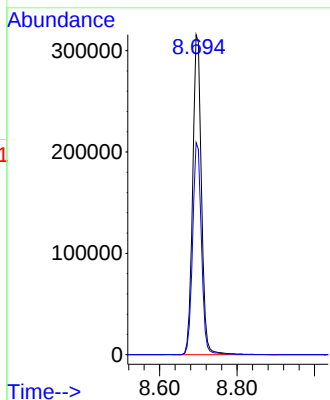
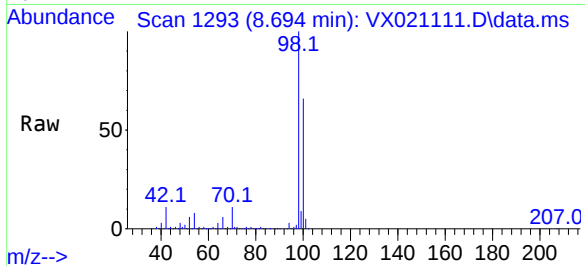




#50
Toluene-d8
Concen: 52.74 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021111.D
Acq: 09 Mar 2021 16:11

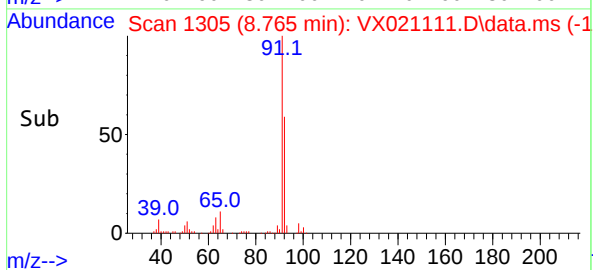
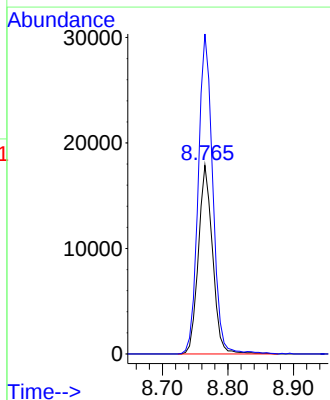
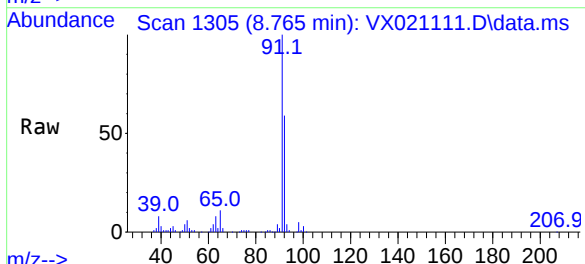
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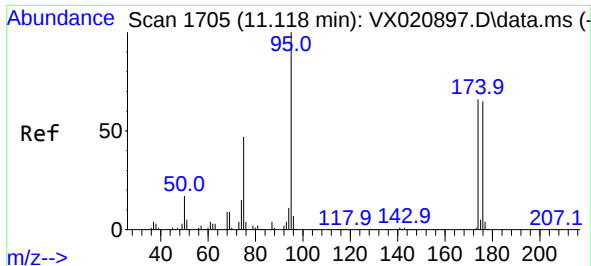
Tgt Ion: 98 Resp: 493945
Ion Ratio Lower Upper
98 100
100 66.8 51.9 77.9



#52
Toluene
Concen: 3.86 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VX021111.D
Acq: 09 Mar 2021 16:11

Tgt Ion: 92 Resp: 27046
Ion Ratio Lower Upper
92 100
91 173.0 137.1 205.7

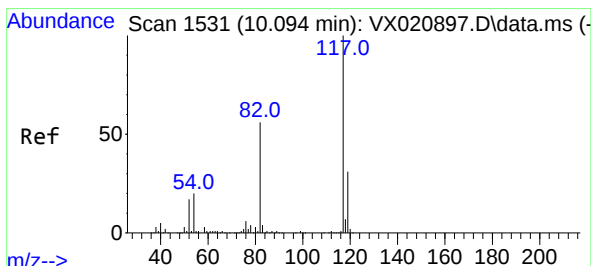
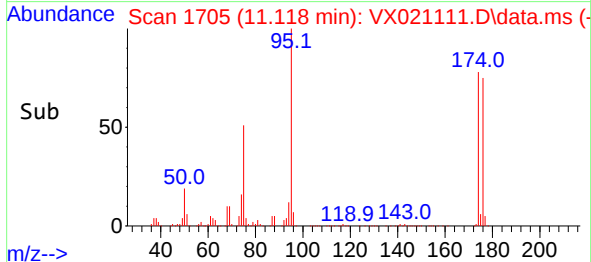
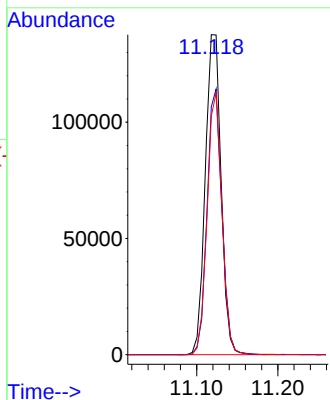
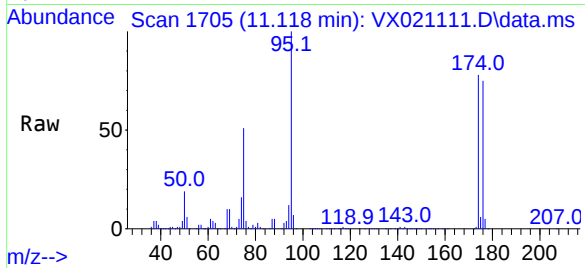




#62
4-Bromofluorobenzene
Concen: 53.74 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021111.D
Acq: 09 Mar 2021 16:11

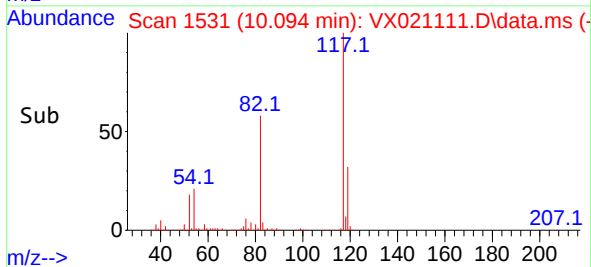
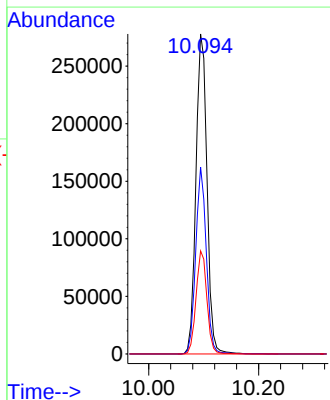
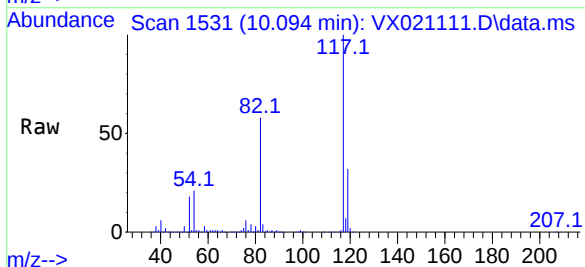
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

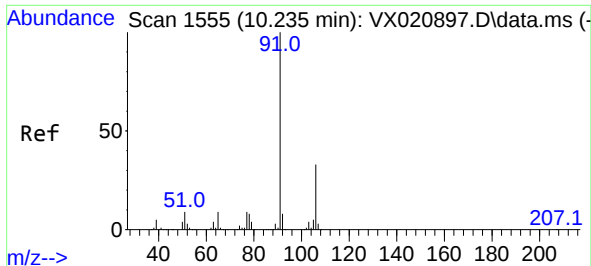
Tgt Ion: 95 Resp: 186097
Ion Ratio Lower Upper
95 100
174 77.7 0.0 154.6
176 76.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021111.D
Acq: 09 Mar 2021 16:11

Tgt Ion:117 Resp: 388602
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 32.2 26.6 39.8

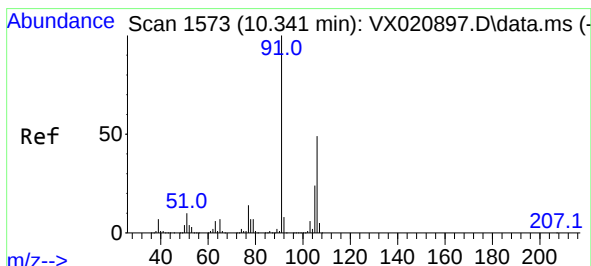
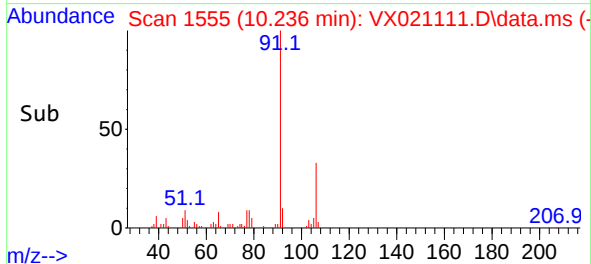
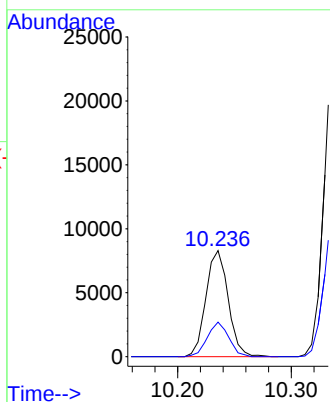
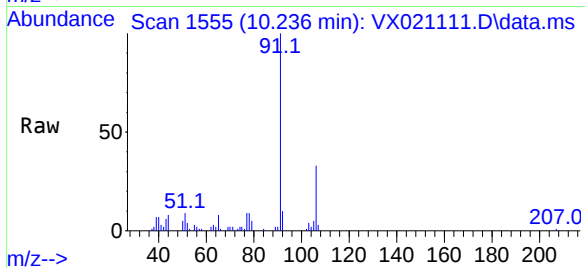




#67
Ethyl Benzene
Concen: 0.76 ug/l
RT: 10.236 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021111.D
Acq: 09 Mar 2021 16:11

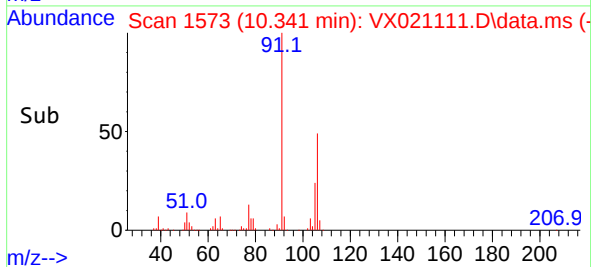
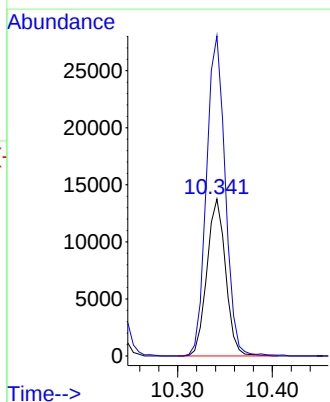
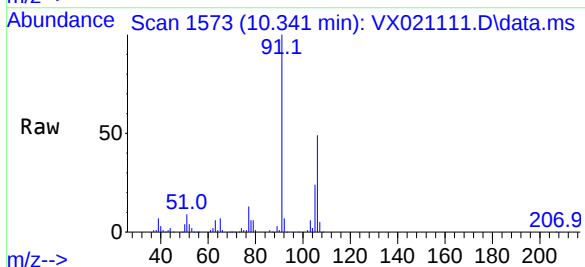
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

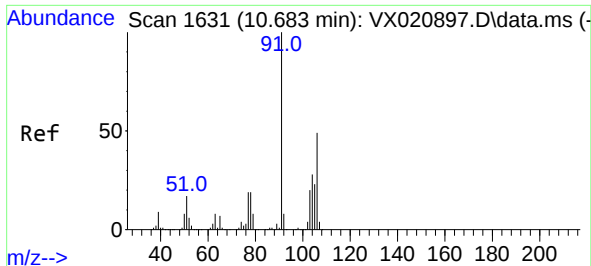
Tgt Ion: 91 Resp: 11292
Ion Ratio Lower Upper
91 100
106 32.6 24.6 37.0



#68
m/p-Xylenes
Concen: 3.46 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021111.D
Acq: 09 Mar 2021 16:11

Tgt Ion:106 Resp: 18874
Ion Ratio Lower Upper
106 100
91 204.7 162.8 244.2

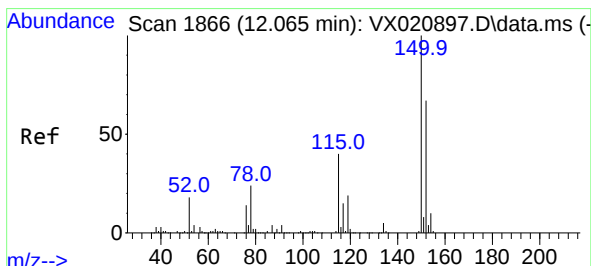
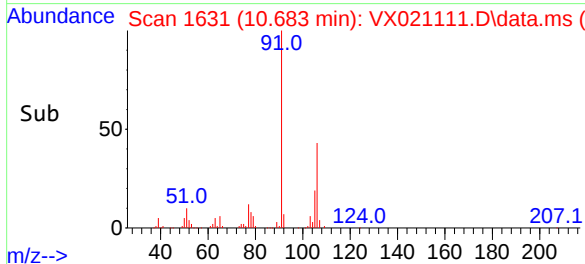
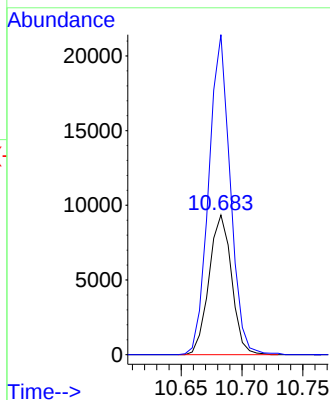
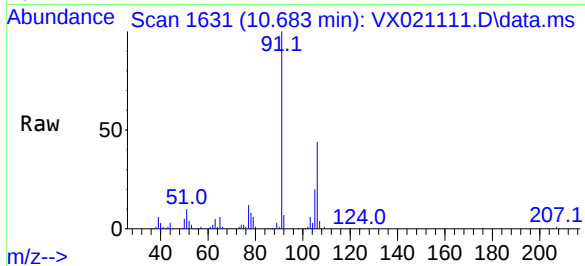




#69
o-Xylene
Concen: 2.27 ug/l
RT: 10.683 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021111.D
Acq: 09 Mar 2021 16:11

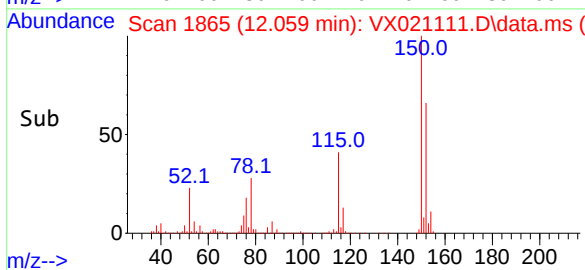
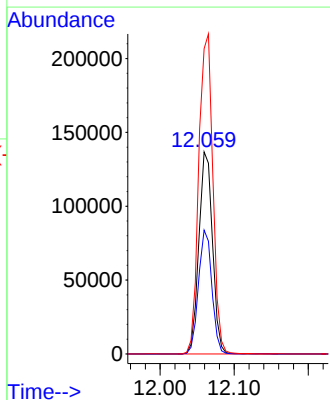
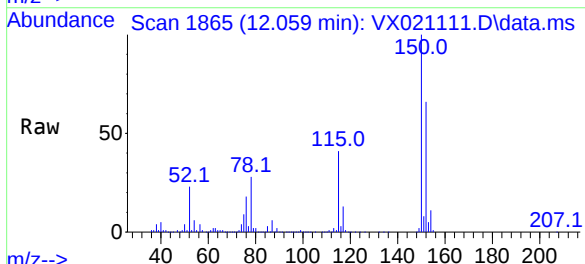
Instrument :
MSVOA_X
ClientSampled :
COMP-2

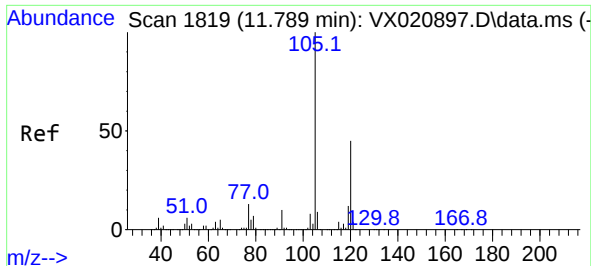
Tgt Ion:106 Resp: 12079
Ion Ratio Lower Upper
106 100
91 218.0 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021111.D
Acq: 09 Mar 2021 16:11

Tgt Ion:152 Resp: 174521
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 163.5 0.0 349.0

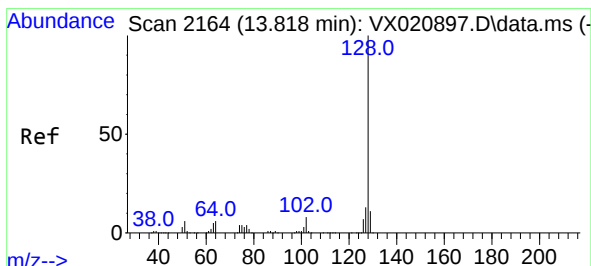
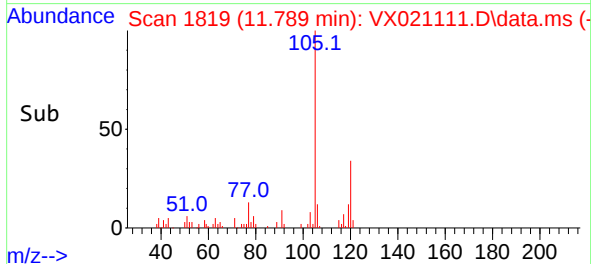
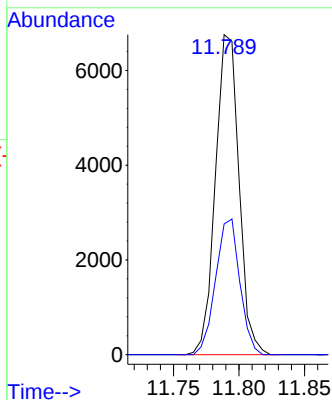
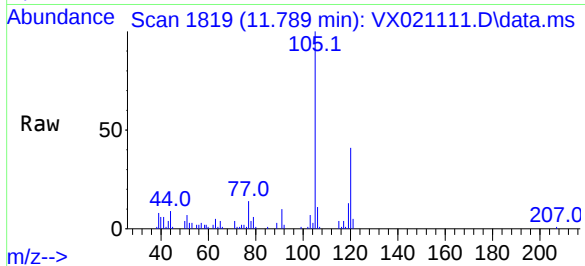




#84
1,2,4-Trimethylbenzene
Concen: 0.72 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VX021111.D
Acq: 09 Mar 2021 16:11

Instrument :
MSVOA_X
ClientSampleId :
COMP-2

Tgt Ion:105 Resp: 8434
Ion Ratio Lower Upper
105 100
120 43.6 22.4 67.3



#95
Naphthalene
Concen: 3.03 ug/l
RT: 13.812 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VX021111.D
Acq: 09 Mar 2021 16:11

Tgt Ion:128 Resp: 38801
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.8 13.2

