

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021436.D
 Acq On : 24 Mar 2021 15:29
 Operator : JC/MD
 Sample : M1752-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP1-41711-41714:17

Quant Time: Mar 24 17:19:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

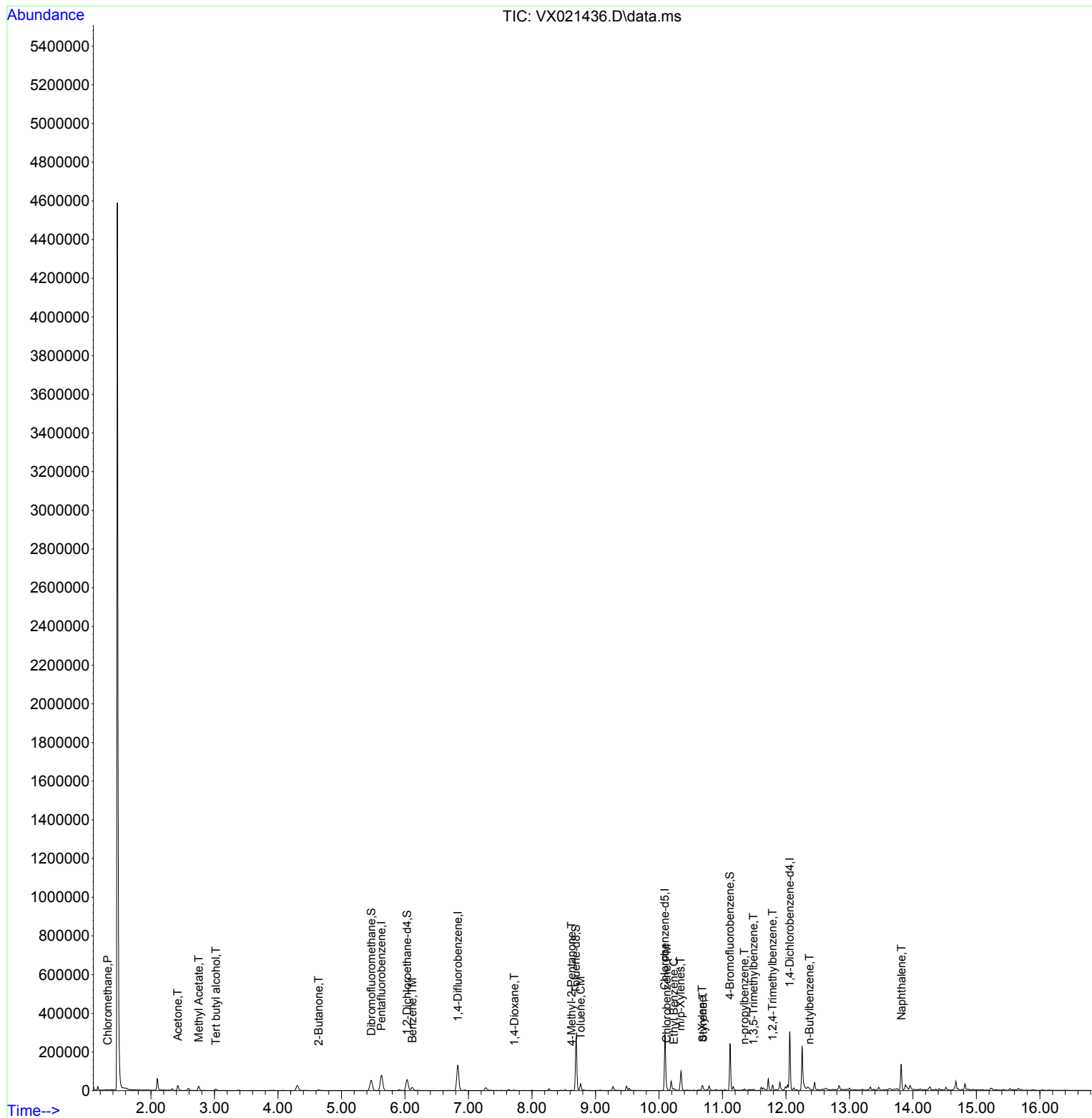
Internal Standards						
1) Pentafluorobenzene	5.629	168	68059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	122291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	123046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	55452	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	56149	49.58	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.16%		
35) Dibromofluoromethane	5.470	113	42232	48.62	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.24%		
50) Toluene-d8	8.694	98	155504	50.24	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.48%		
62) 4-Bromofluorobenzene	11.118	95	64057	53.23	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.46%		
Target Compounds						Qvalue
3) Chloromethane	1.316	50	2225	2.63	ug/l	97
11) Tert butyl alcohol	3.022	59	7108	37.97	ug/l #	94
16) Acetone	2.422	43	26502	61.90	ug/l	91
18) Methyl Acetate	2.752	43	25050	20.25	ug/l #	89
25) 2-Butanone	4.640	43	4829	7.44	ug/l	92
40) Benzene	6.117	78	17167	5.05	ug/l	95
49) 1,4-Dioxane	7.723	88	1713	79.73	ug/l	93
51) 4-Methyl-2-Pentanone	8.623	43	1369	0.99	ug/l #	85
52) Toluene	8.764	92	11660	5.55	ug/l	97
65) Chlorobenzene	10.123	112	1847	0.75	ug/l	99
67) Ethyl Benzene	10.235	91	3892	0.86	ug/l	99
68) m/p-Xylenes	10.341	106	8560	5.33	ug/l	93
69) o-Xylene	10.682	106	4136	2.66	ug/l	79
70) Styrene	10.694	104	4131	1.55	ug/l #	85
78) n-propylbenzene	11.347	91	2793	0.61	ug/l #	61
80) 1,3,5-Trimethylbenzene	11.488	105	2287	0.69	ug/l	91
84) 1,2,4-Trimethylbenzene	11.788	105	9960	2.97	ug/l	84
89) n-Butylbenzene	12.371	91	1198	0.38	ug/l #	58
95) Naphthalene	13.818	128	79330	21.95	ug/l	100

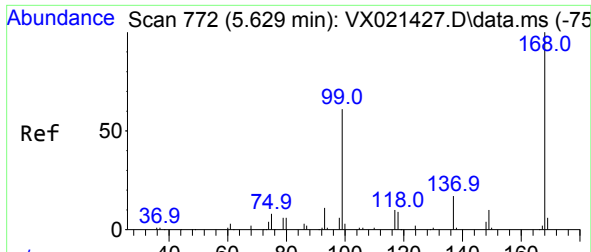
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
COMP1-41711-41714:17

Quant Time: Mar 24 17:19:25 2021
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Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
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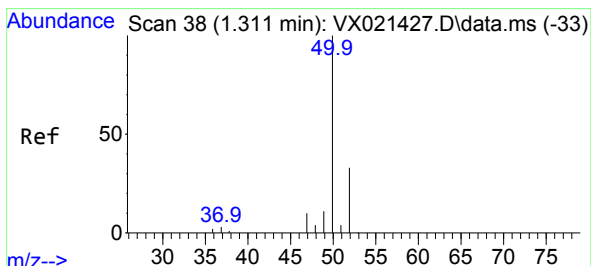
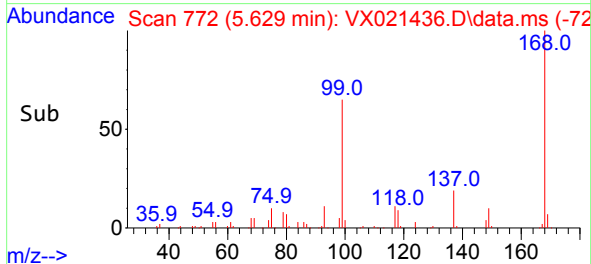
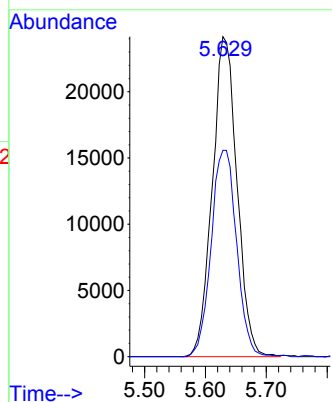
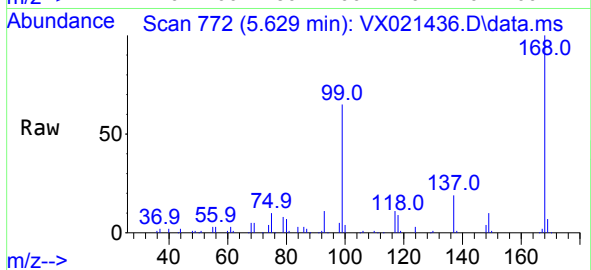




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

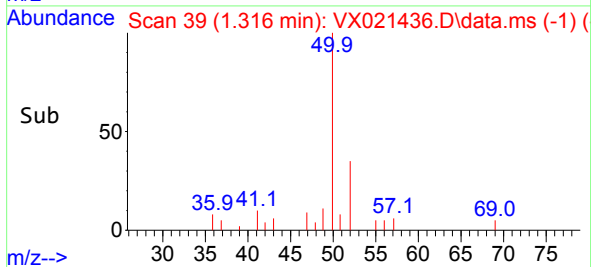
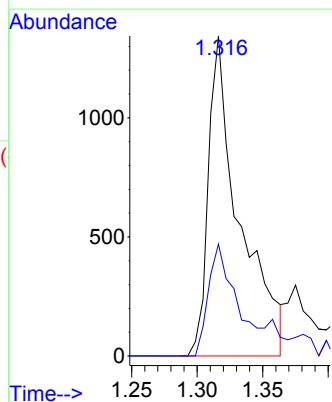
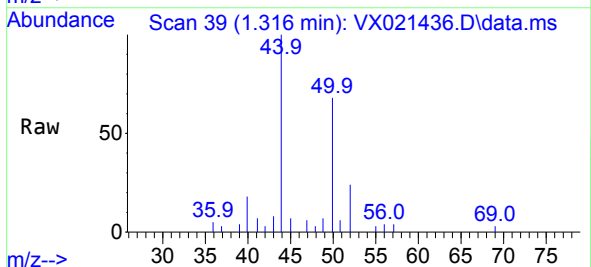
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17

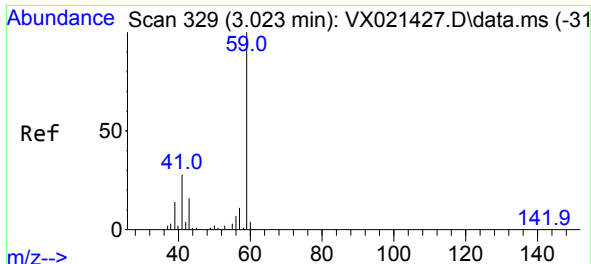
Tgt Ion:168 Resp: 68059
Ion Ratio Lower Upper
168 100
99 64.5 45.8 68.6



#3
Chloromethane
Concen: 2.63 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

Tgt Ion: 50 Resp: 2225
Ion Ratio Lower Upper
50 100
52 35.0 26.4 39.6



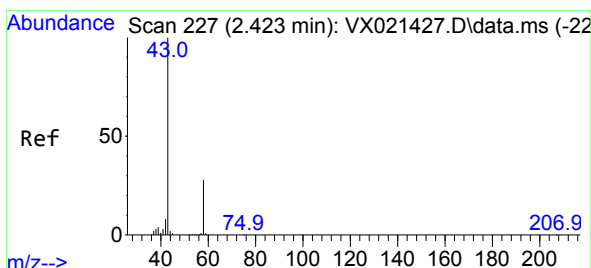
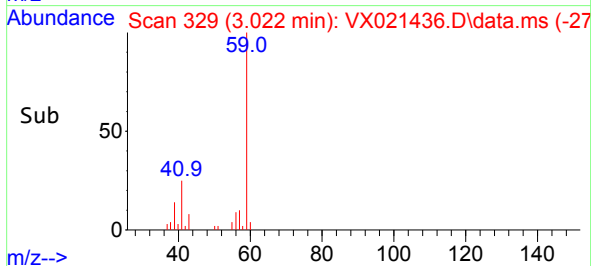
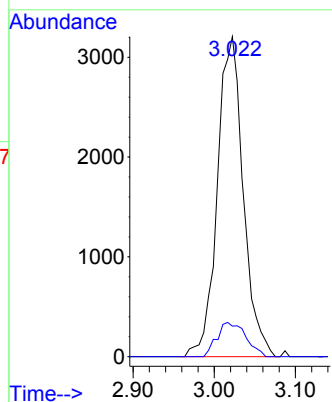
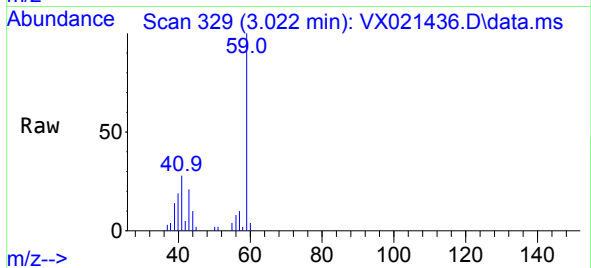


#11

Tert butyl alcohol
Concen: 37.97 ug/l
RT: 3.022 min Scan# 329
Delta R.T. -0.001 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17

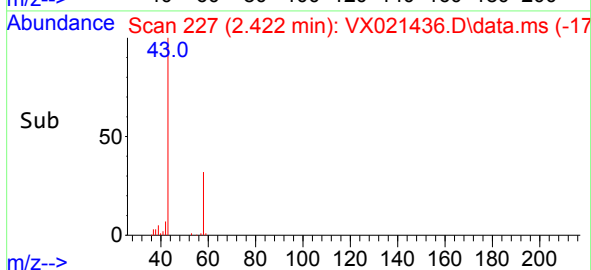
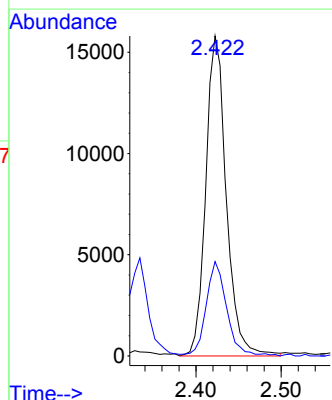
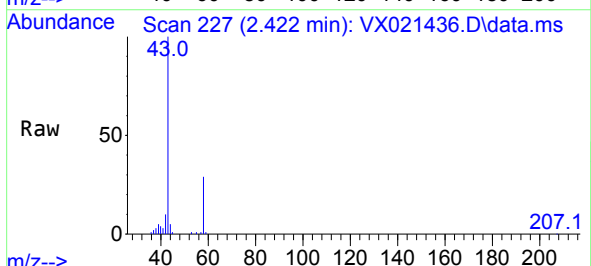
Tgt Ion: 59 Resp: 7108
Ion Ratio Lower Upper
59 100
57 11.9 7.8 11.8#

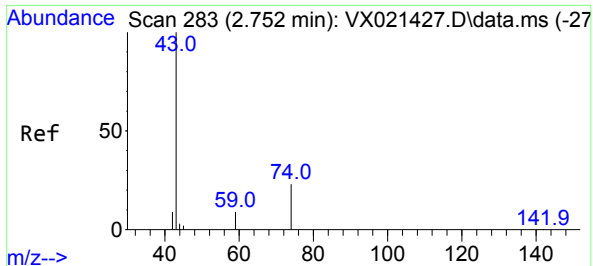


#16

Acetone
Concen: 61.90 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

Tgt Ion: 43 Resp: 26502
Ion Ratio Lower Upper
43 100
58 29.5 27.8 41.8





#18

Methyl Acetate

Concen: 20.25 ug/l

RT: 2.752 min Scan# 283

Delta R.T. -0.000 min

Lab File: VX021436.D

Acq: 24 Mar 2021 15:29

Tgt Ion: 43 Resp: 25050

Ion Ratio Lower Upper

43 100

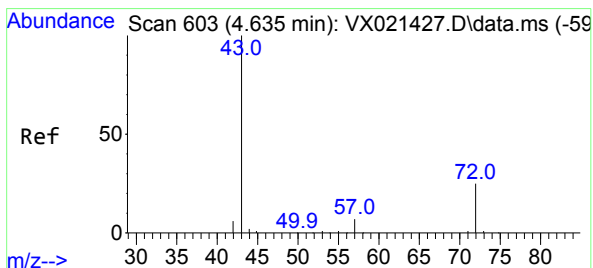
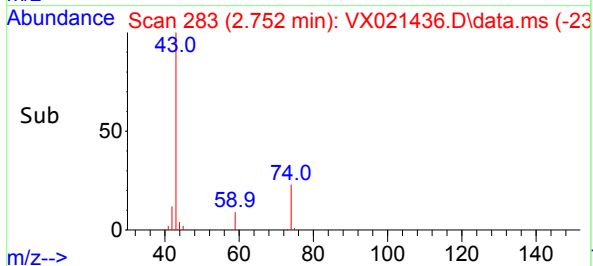
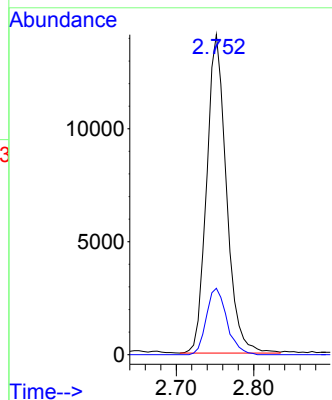
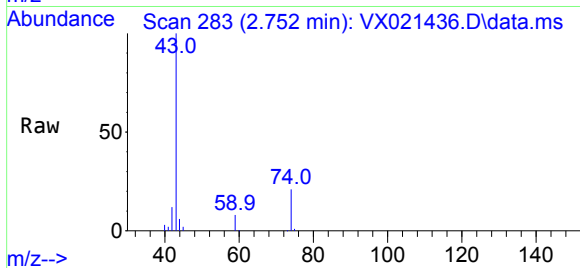
74 21.6 21.9 32.9#

Instrument :

MSVOA_X

ClientSampleId :

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#25

2-Butanone

Concen: 7.44 ug/l

RT: 4.640 min Scan# 604

Delta R.T. 0.005 min

Lab File: VX021436.D

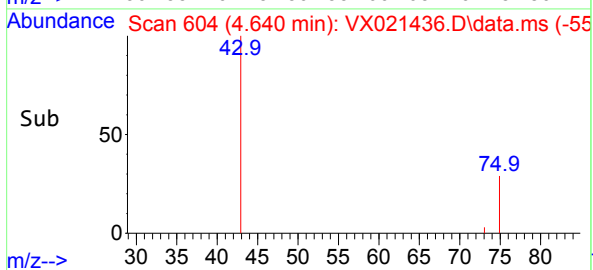
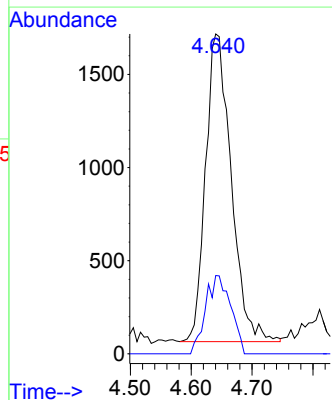
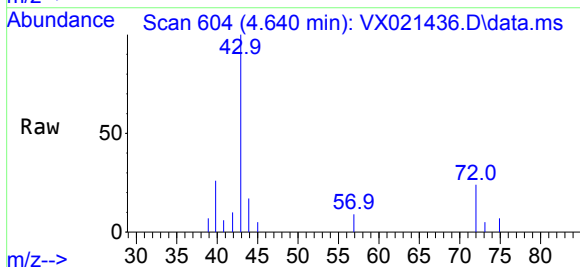
Acq: 24 Mar 2021 15:29

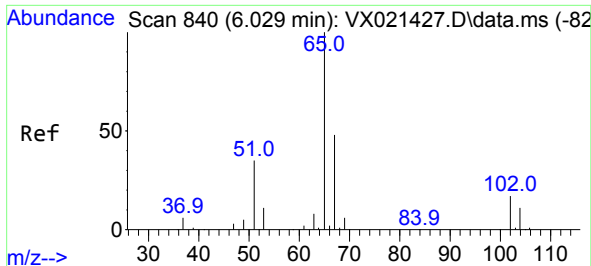
Tgt Ion: 43 Resp: 4829

Ion Ratio Lower Upper

43 100

72 25.4 23.7 35.5

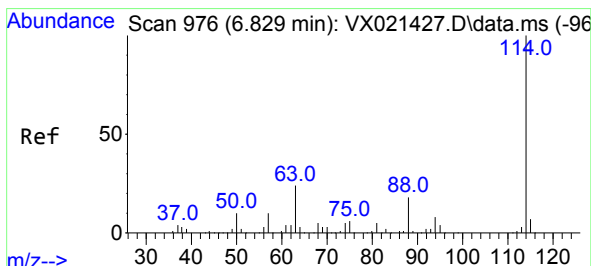
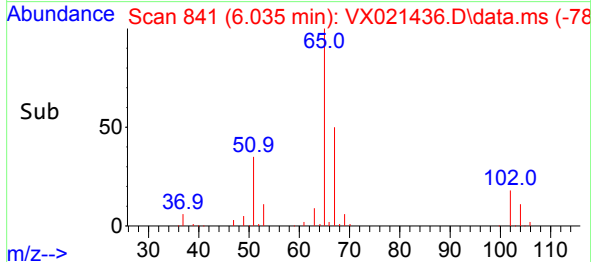
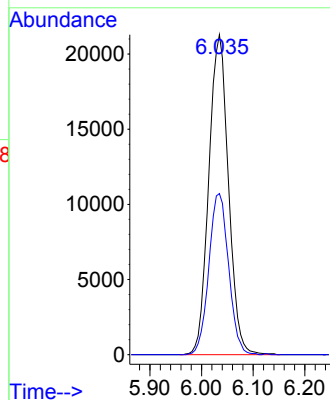
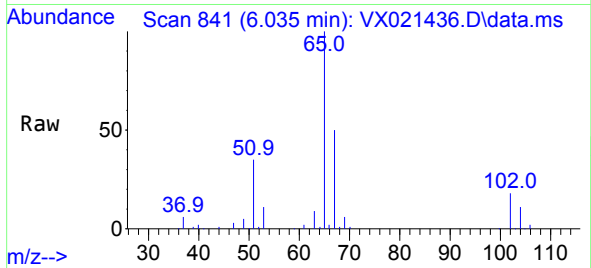




#33
1,2-Dichloroethane-d4
Concen: 49.58 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

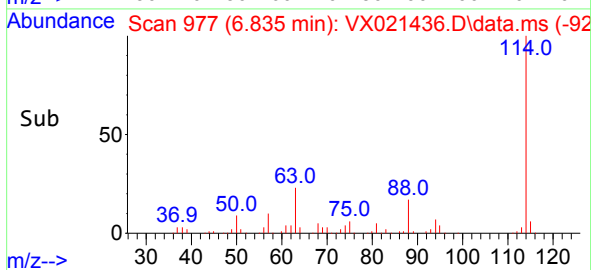
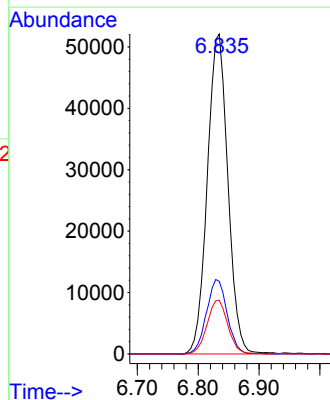
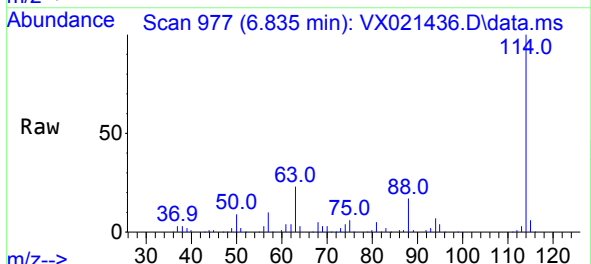
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17

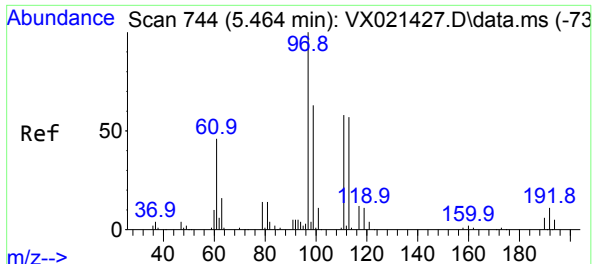
Tgt Ion: 65 Resp: 56149
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

Tgt Ion: 114 Resp: 122291
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.8
88 16.8 0.0 32.8

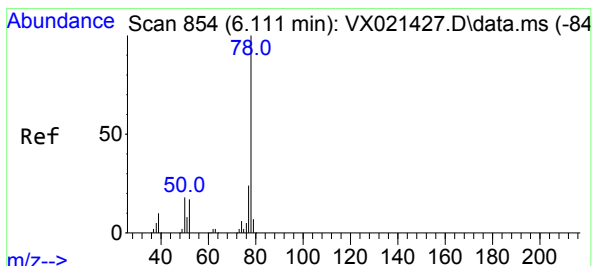
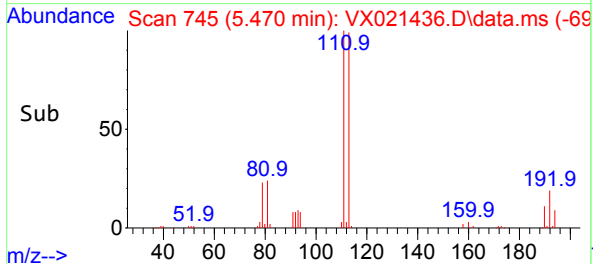
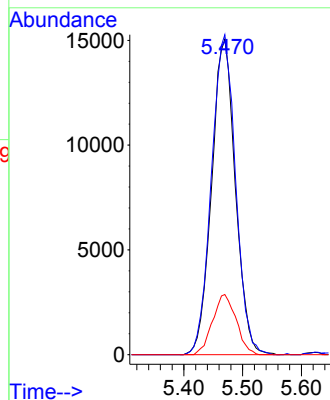
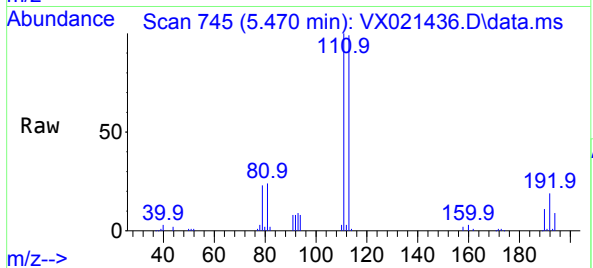




#35
Dibromofluoromethane
Concen: 48.62 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

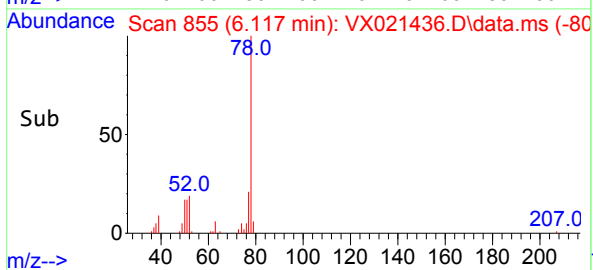
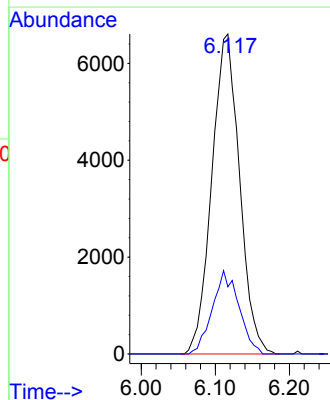
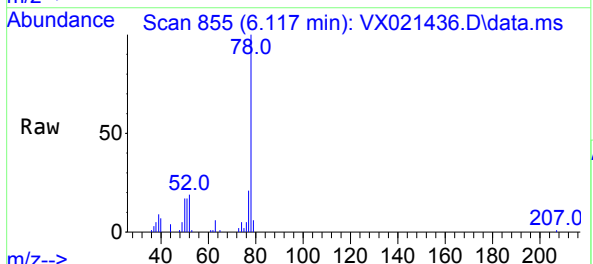
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MSVOA_X
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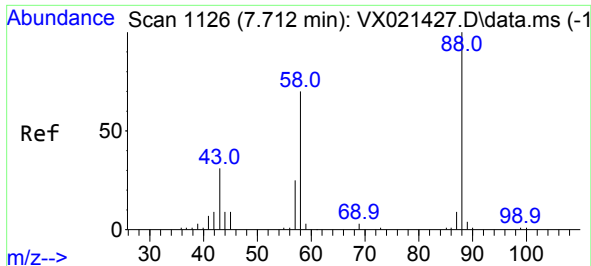
Tgt Ion:113 Resp: 42232
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 19.0 16.7 25.1



#40
Benzene
Concen: 5.05 ug/l
RT: 6.117 min Scan# 855
Delta R.T. 0.006 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

Tgt Ion: 78 Resp: 17167
Ion Ratio Lower Upper
78 100
77 21.0 18.9 28.3



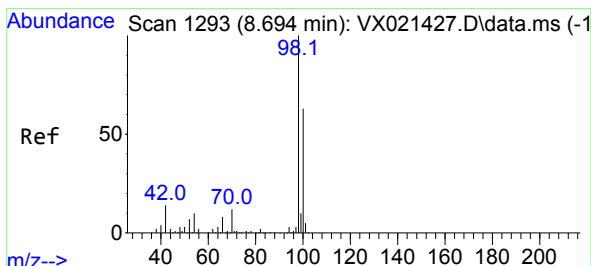
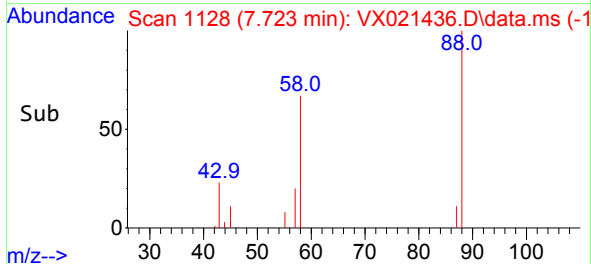
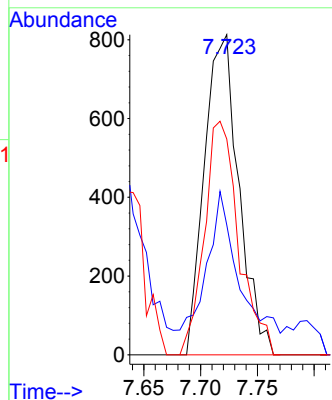
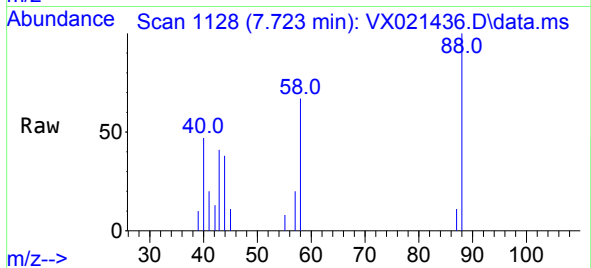


#49
1,4-Dioxane
Concen: 79.73 ug/l
RT: 7.723 min Scan# 1128
Delta R.T. 0.011 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

Instrument :
MSVOA_X
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COMP1-41711-41714:17

Tgt Ion: 88 Resp: 1713

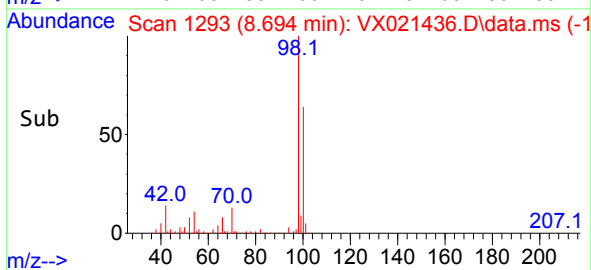
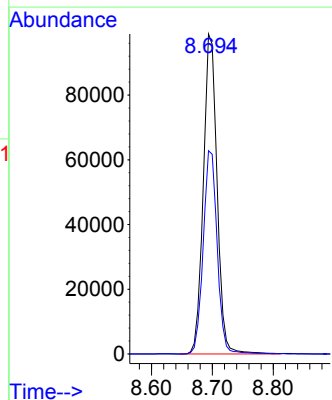
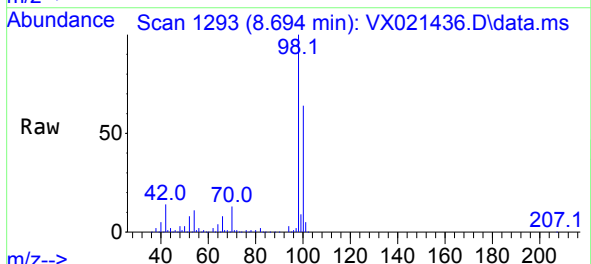
Ion	Ratio	Lower	Upper
88	100		
43	34.3	23.2	34.8
58	72.9	55.0	82.4

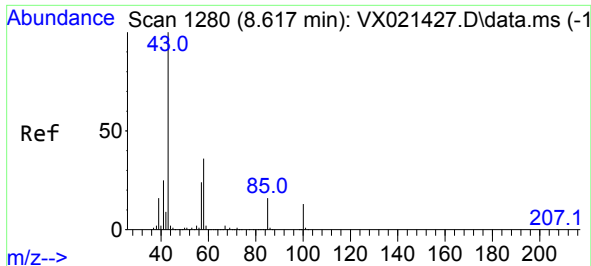


#50
Toluene-d8
Concen: 50.24 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

Tgt Ion: 98 Resp: 155504

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9

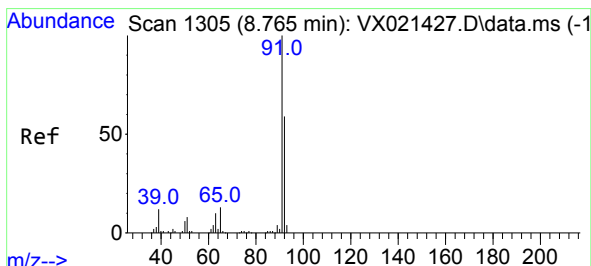
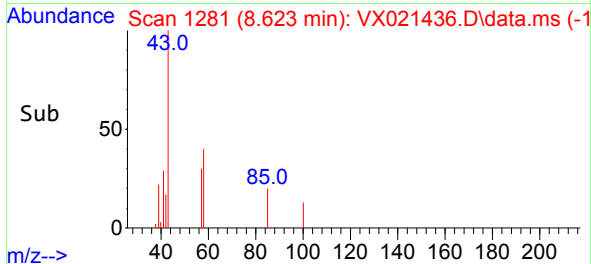
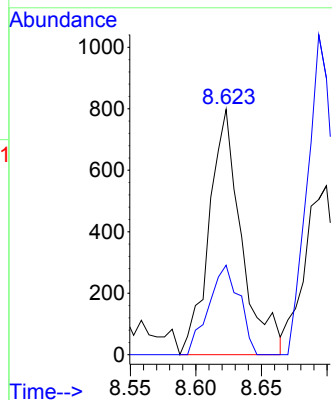
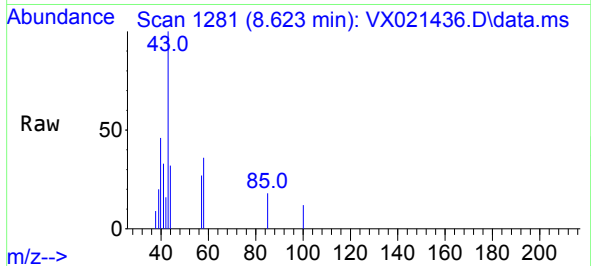




#51
4-Methyl-2-Pentanone
Concen: 0.99 ug/l
RT: 8.623 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

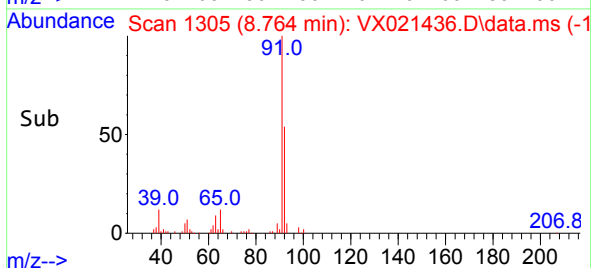
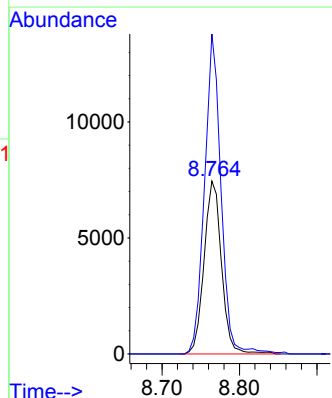
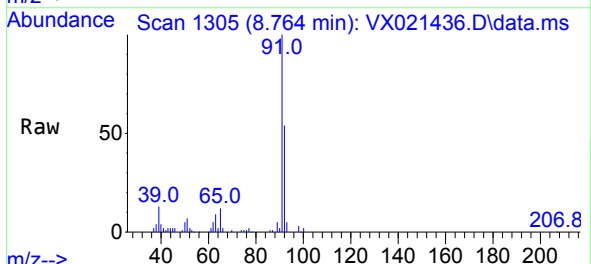
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ClientSampleId :
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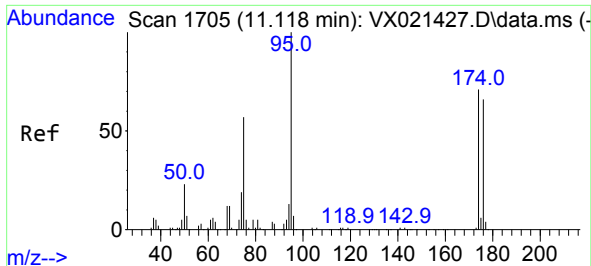
Tgt Ion: 43 Resp: 1369
Ion Ratio Lower Upper
43 100
58 34.7 35.4 53.0#



#52
Toluene
Concen: 5.55 ug/l
RT: 8.764 min Scan# 1305
Delta R.T. -0.001 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

Tgt Ion: 92 Resp: 11660
Ion Ratio Lower Upper
92 100
91 174.9 137.1 205.7

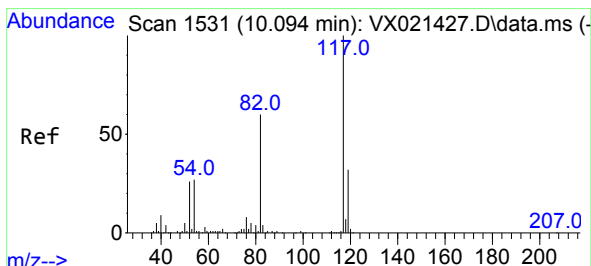
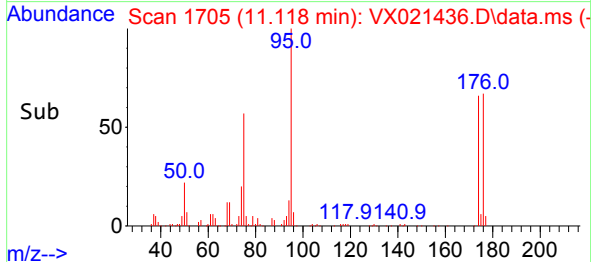
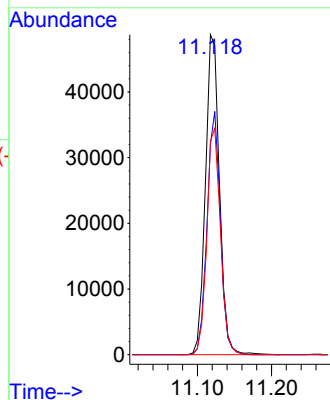
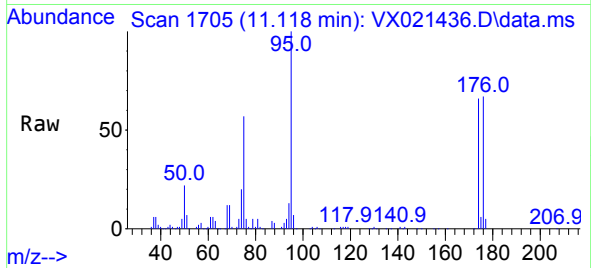




#62
4-Bromofluorobenzene
Concen: 53.23 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

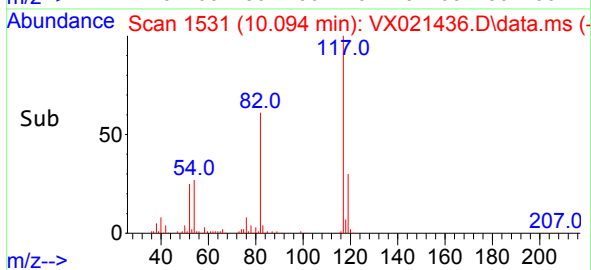
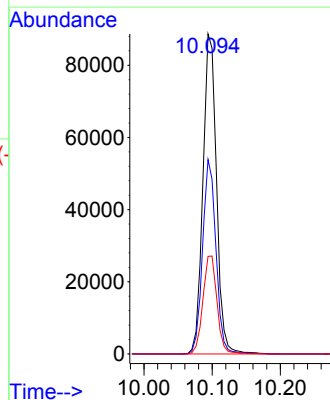
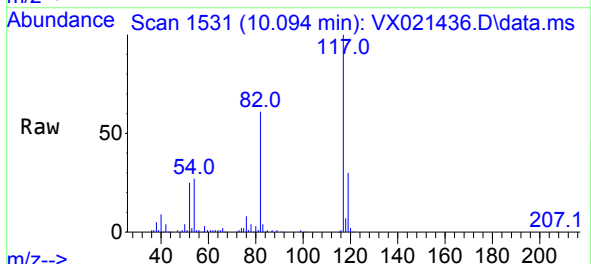
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17

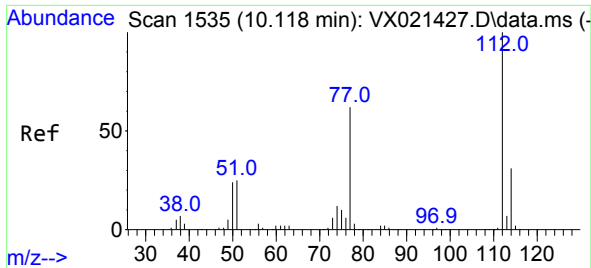
Tgt Ion:	95	Resp:	64057
Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	154.6
176	68.9	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

Tgt Ion:	117	Resp:	123046
Ion	Ratio	Lower	Upper
117	100		
82	60.8	47.4	71.2
119	30.5	26.6	39.8

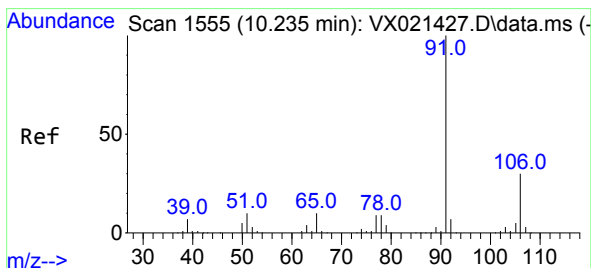
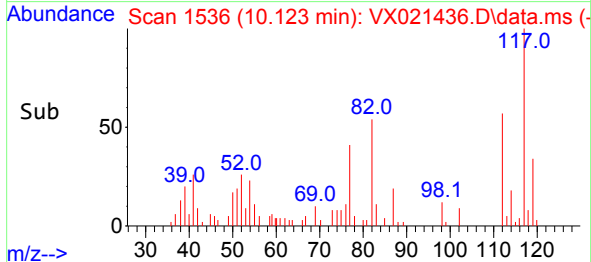
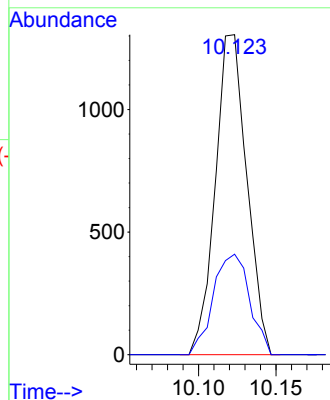
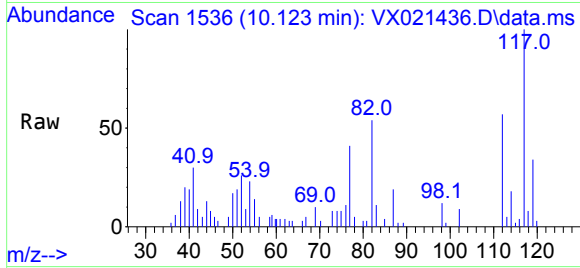




#65
Chlorobenzene
Concen: 0.75 ug/l
RT: 10.123 min Scan# 1536
Delta R.T. 0.005 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

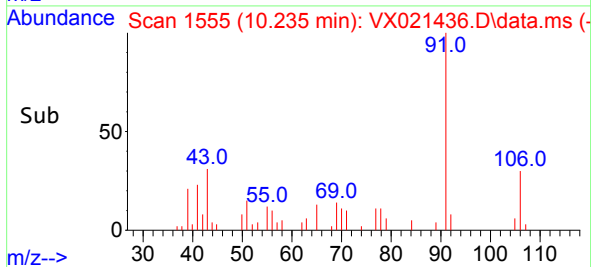
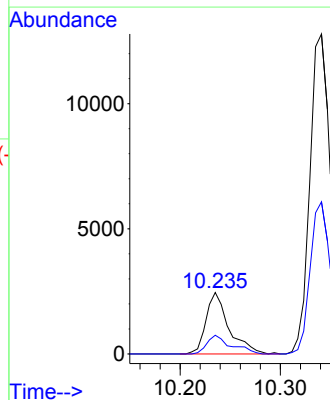
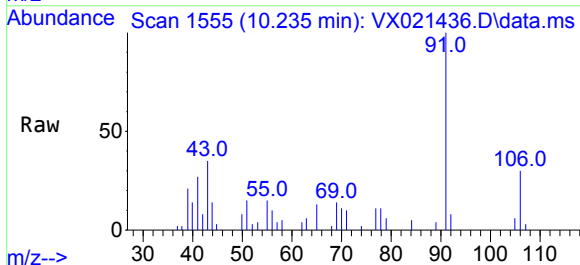
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17

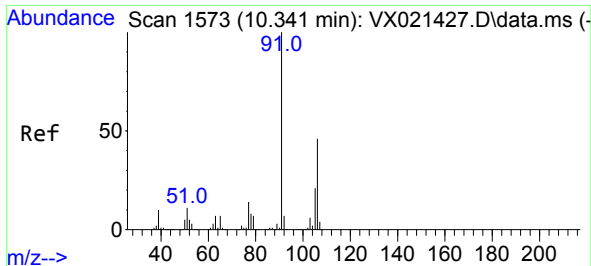
Tgt Ion:112 Resp: 1847
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6



#67
Ethyl Benzene
Concen: 0.86 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

Tgt Ion: 91 Resp: 3892
Ion Ratio Lower Upper
91 100
106 30.5 24.6 37.0

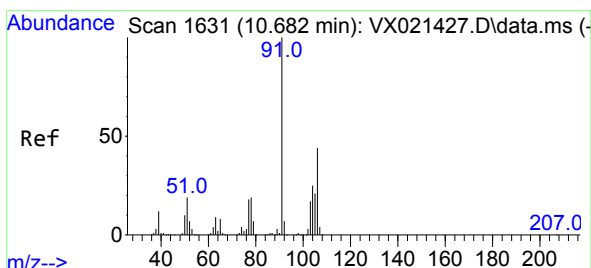
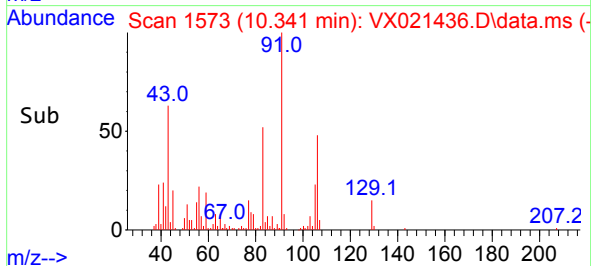
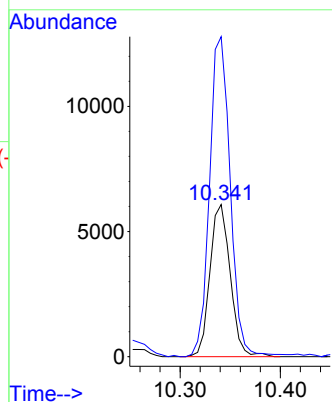
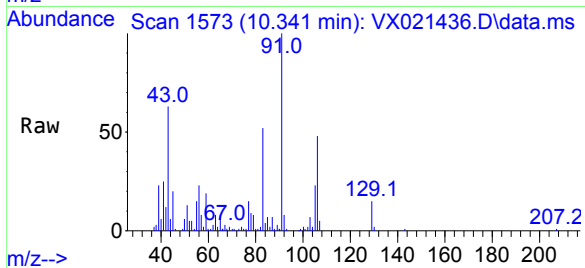




#68
m/p-Xylenes
Concen: 5.33 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. -0.000 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

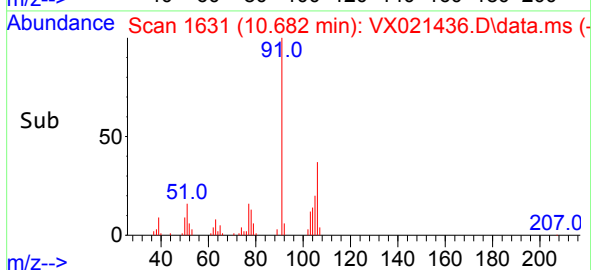
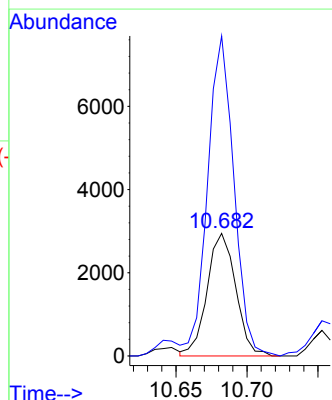
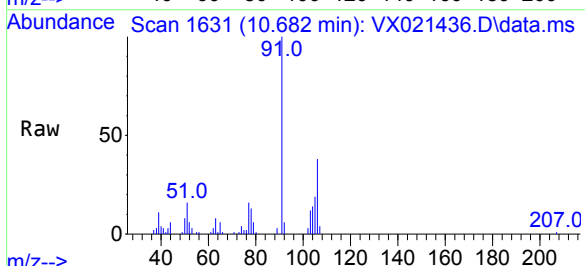
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17

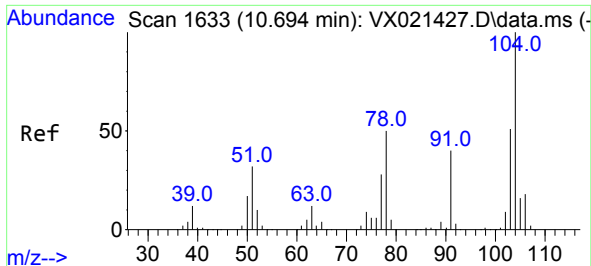
Tgt Ion:106 Resp: 8560
Ion Ratio Lower Upper
106 100
91 214.8 162.8 244.2



#69
o-Xylene
Concen: 2.66 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

Tgt Ion:106 Resp: 4136
Ion Ratio Lower Upper
106 100
91 249.5 108.1 324.2

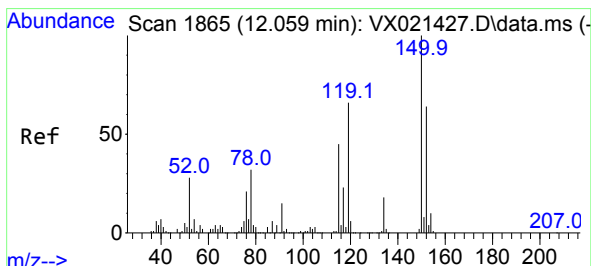
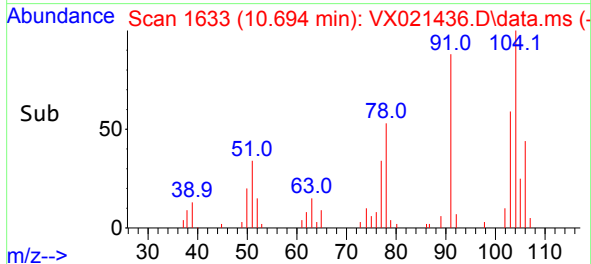
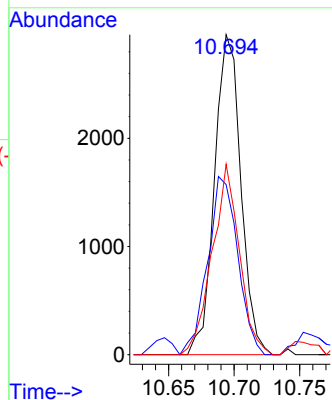
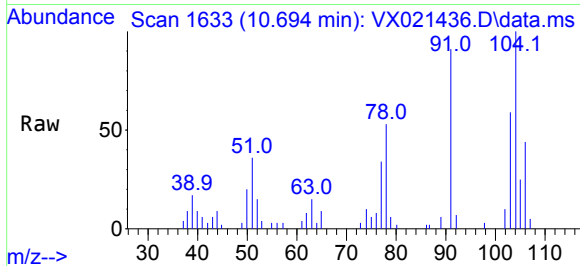




#70
Styrene
Concen: 1.55 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

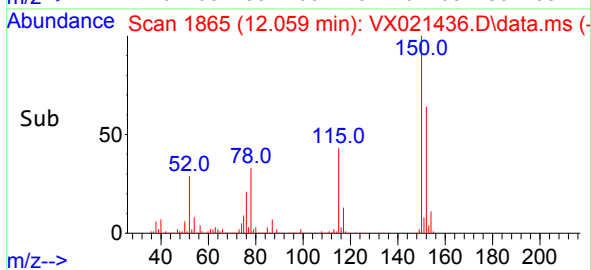
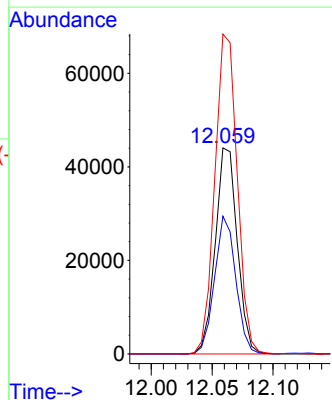
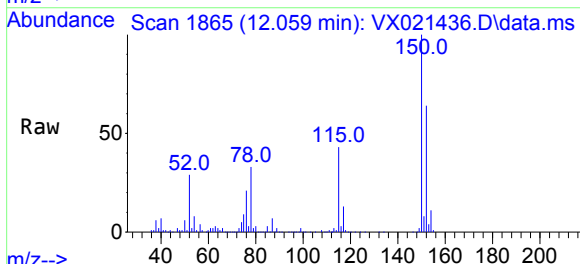
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17

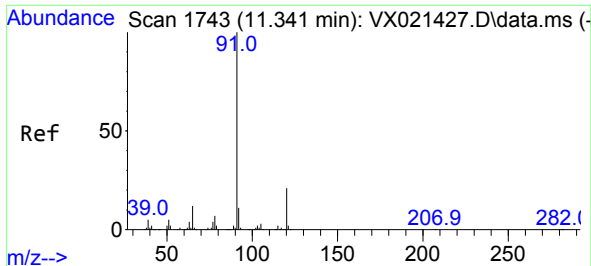
Tgt Ion:104 Resp: 4131
Ion Ratio Lower Upper
104 100
78 63.4 40.0 60.0#
103 61.5 43.4 65.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

Tgt Ion:152 Resp: 55452
Ion Ratio Lower Upper
152 100
115 64.6 41.1 123.3
150 158.0 0.0 349.0

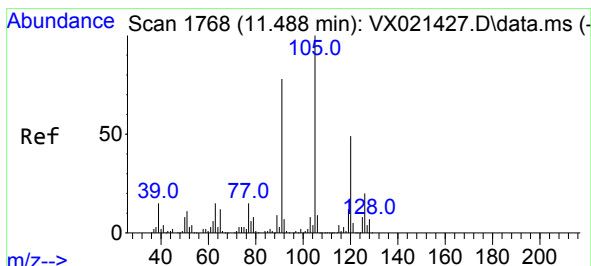
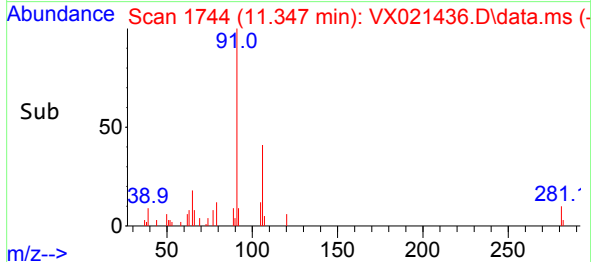
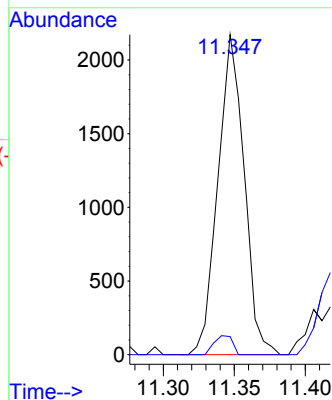
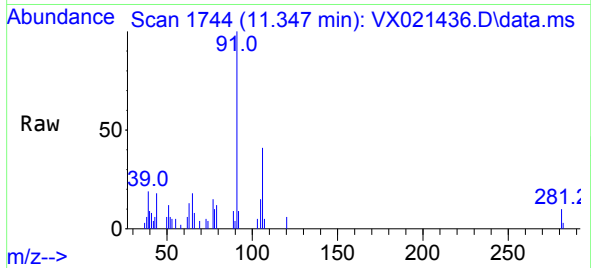




#78
n-propylbenzene
Concen: 0.61 ug/l
RT: 11.347 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

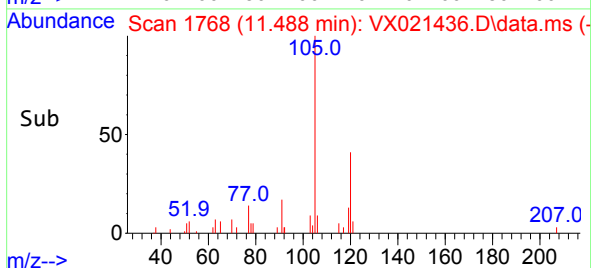
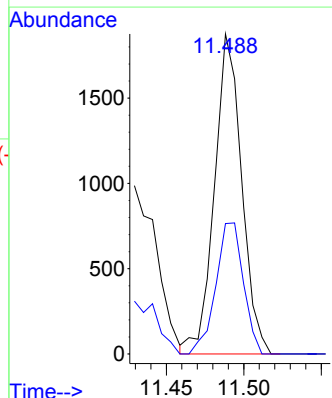
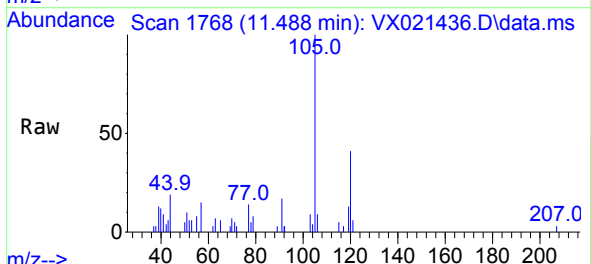
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17

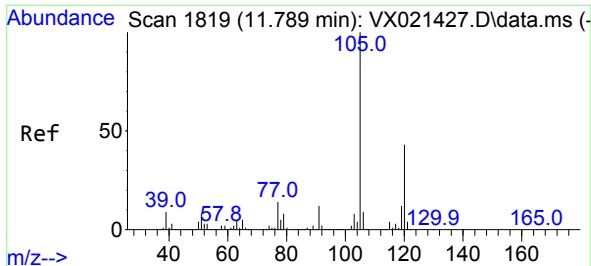
Tgt Ion: 91 Resp: 2793
Ion Ratio Lower Upper
91 100
120 4.2 11.5 34.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.69 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

Tgt Ion: 105 Resp: 2287
Ion Ratio Lower Upper
105 100
120 41.6 23.8 71.5

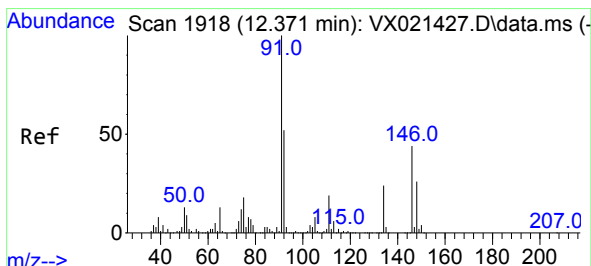
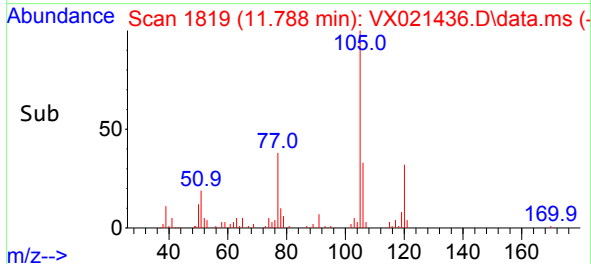
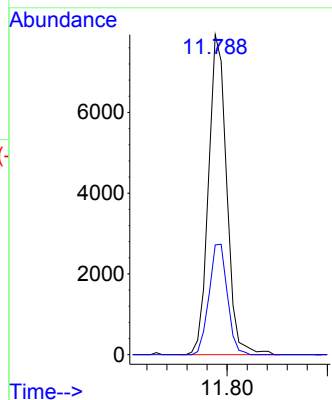
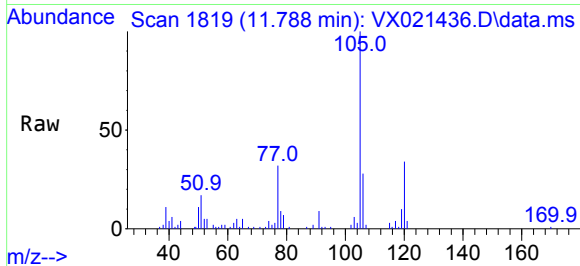




#84
1,2,4-Trimethylbenzene
Concen: 2.97 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. -0.001 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

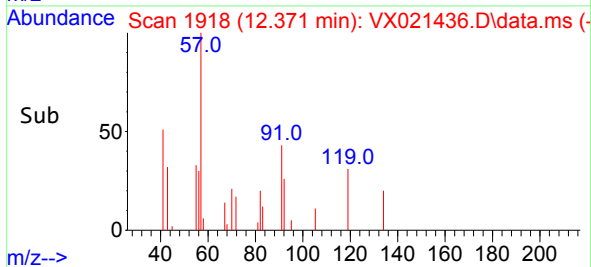
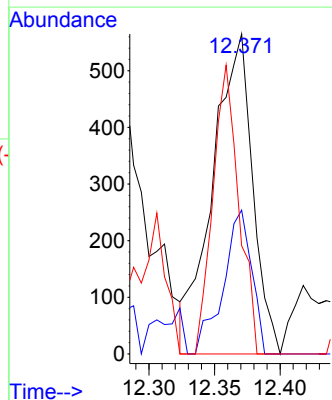
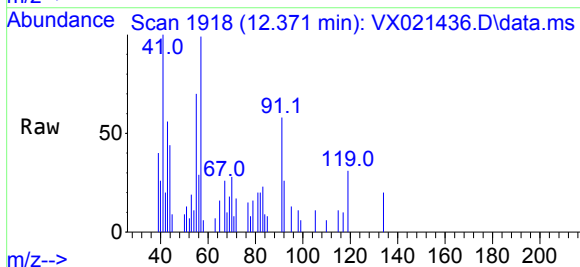
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17

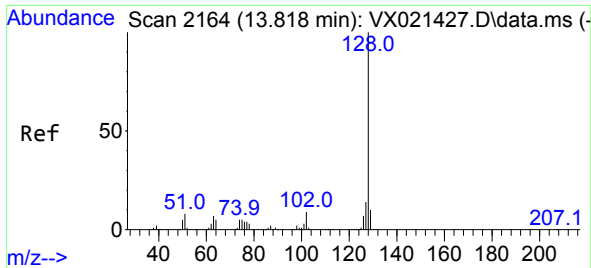
Tgt Ion:105 Resp: 9960
Ion Ratio Lower Upper
105 100
120 34.7 22.4 67.3



#89
n-Butylbenzene
Concen: 0.38 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. -0.000 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

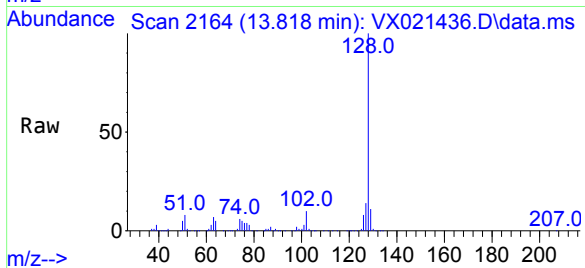
Tgt Ion: 91 Resp: 1198
Ion Ratio Lower Upper
91 100
92 32.0 27.4 82.0
134 58.3 13.2 39.5#





#95
Naphthalene
Concen: 21.95 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VX021436.D
Acq: 24 Mar 2021 15:29

Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17



Tgt Ion:128 Resp: 79330
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.8 13.2

