

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043048.D
 Acq On : 13 Apr 2021 13:55
 Operator : SY/MD
 Sample : M1952-03 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 30820

Quant Time: Apr 13 14:31:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

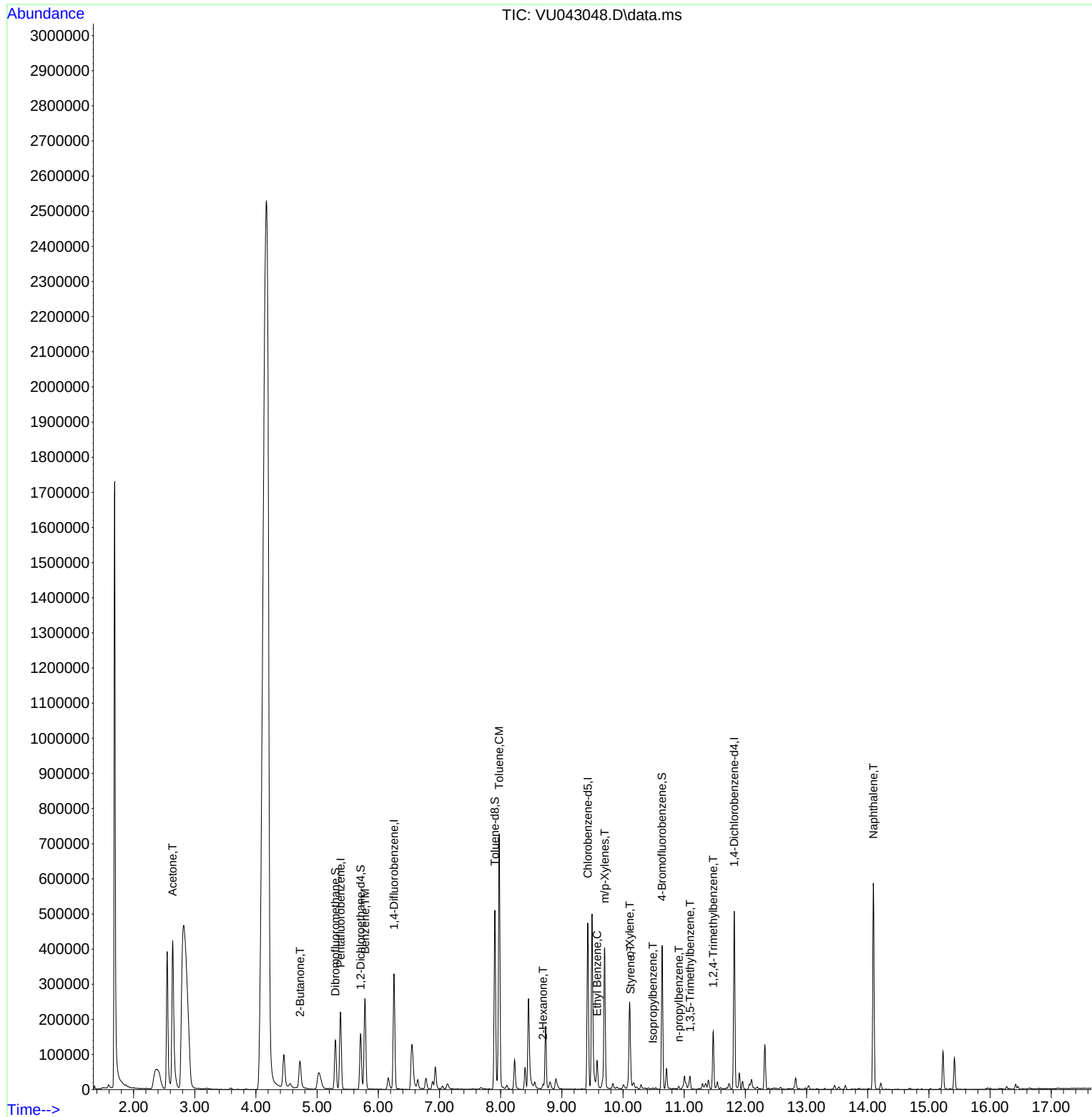
Internal Standards						
1) Pentafluorobenzene	5.382	168	147715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	242569	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	230845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	118019	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	122397	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
35) Dibromofluoromethane	5.298	113	85469	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
50) Toluene-d8	7.906	98	305768	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
62) 4-Bromofluorobenzene	10.639	95	119747	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
Target Compounds						
						Qvalue
16) Acetone	2.639	43	609848	417.51	ug/l	98
25) 2-Butanone	4.719	43	124431	55.16	ug/l	99
40) Benzene	5.784	78	215055	29.25	ug/l	99
52) Toluene	7.977	92	268039	58.80	ug/l	99
59) 2-Hexanone	8.694	43	8522	2.23	ug/l	98
67) Ethyl Benzene	9.578	91	45979	5.15	ug/l	100
68) m/p-Xylenes	9.700	106	101782	30.79	ug/l	98
69) o-Xylene	10.108	106	53495	16.58	ug/l	97
70) Styrene	10.121	104	26444	4.87	ug/l #	70
73) Isopropylbenzene	10.488	105	1670	0.21	ug/l	90
78) n-propylbenzene	10.912	91	5632	0.59	ug/l	93
80) 1,3,5-Trimethylbenzene	11.095	105	18584	2.66	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	74860	10.42	ug/l	86
95) Naphthalene	14.092	128	426596	49.97	ug/l	100

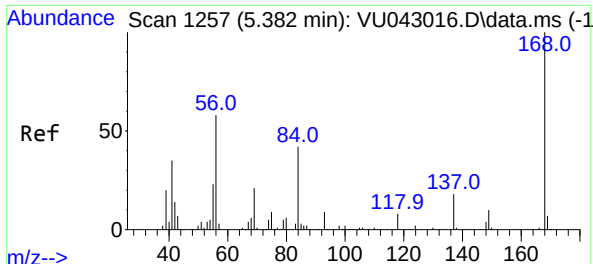
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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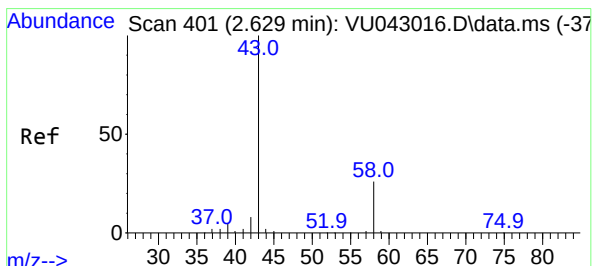
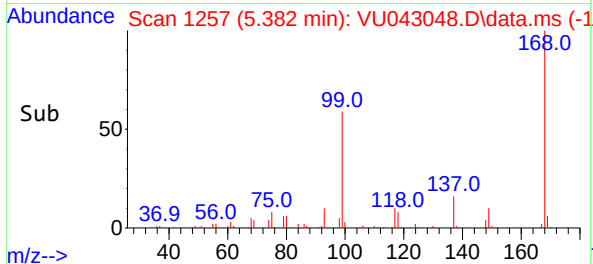
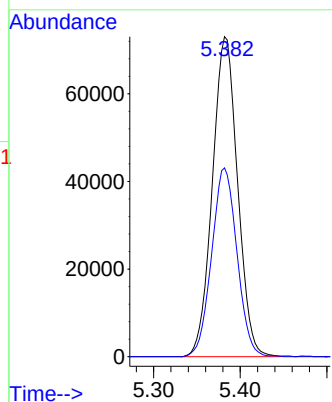
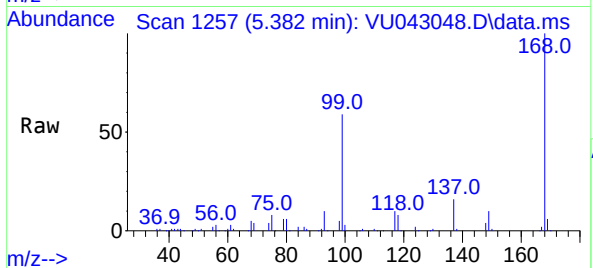




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043048.D
Acq: 13 Apr 2021 13:55

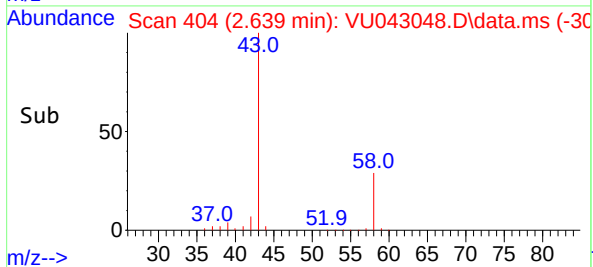
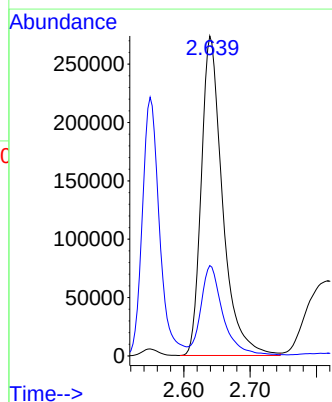
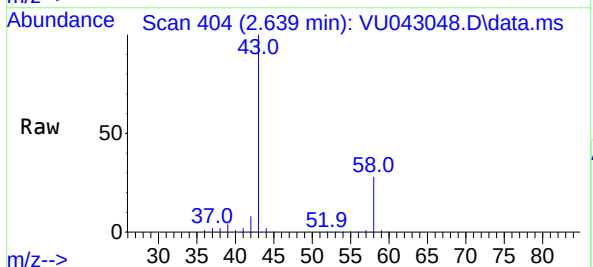
Instrument :
MSVOA_U
ClientSampleId :
30820

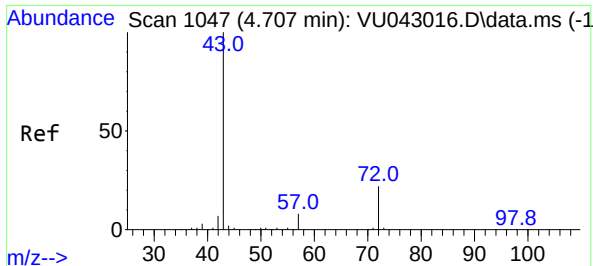
Tgt Ion:168 Resp: 147715
Ion Ratio Lower Upper
168 100
99 59.0 45.0 67.4



#16
Acetone
Concen: 417.51 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.010 min
Lab File: VU043048.D
Acq: 13 Apr 2021 13:55

Tgt Ion: 43 Resp: 609848
Ion Ratio Lower Upper
43 100
58 27.9 21.5 32.3

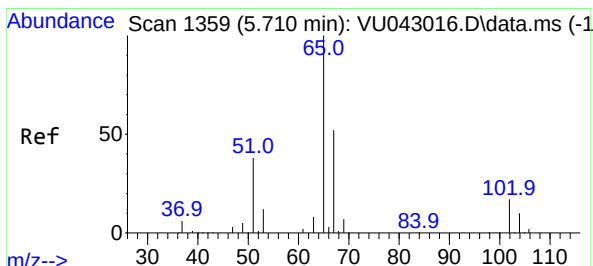
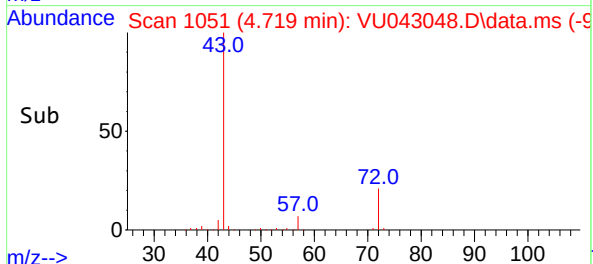
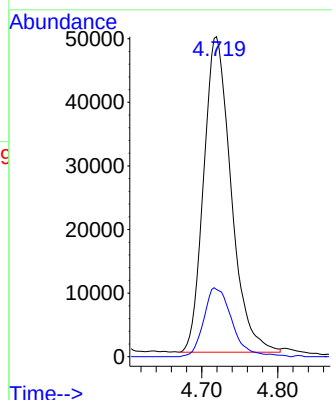
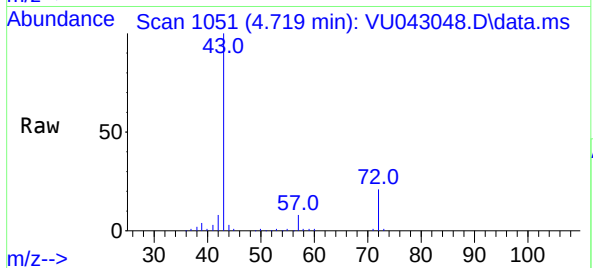




#25
2-Butanone
Concen: 55.16 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.012 min
Lab File: VU043048.D
Acq: 13 Apr 2021 13:55

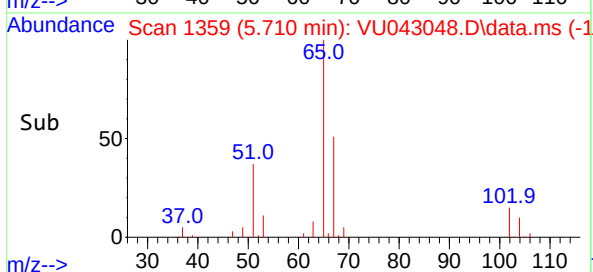
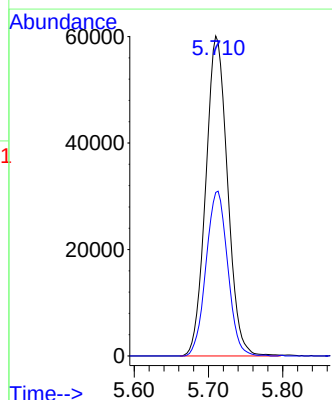
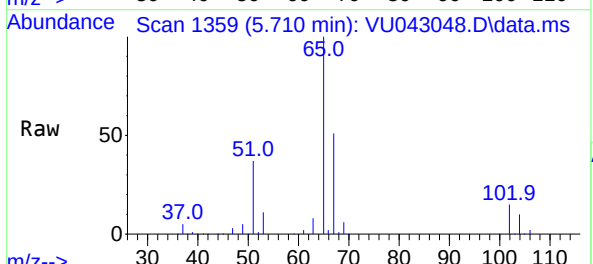
Instrument :
MSVOA_U
ClientSampled :
30820

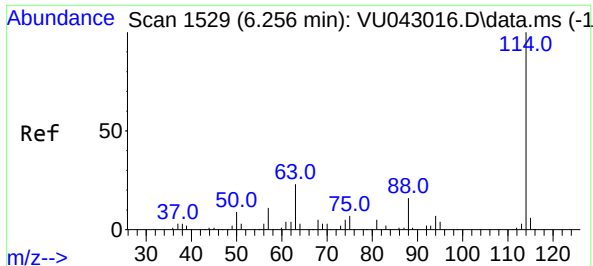
Tgt Ion: 43 Resp: 124431
Ion Ratio Lower Upper
43 100
72 21.3 17.4 26.0



#33
1,2-Dichloroethane-d4
Concen: 49.29 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043048.D
Acq: 13 Apr 2021 13:55

Tgt Ion: 65 Resp: 122397
Ion Ratio Lower Upper
65 100
67 51.1 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043048.D

Acq: 13 Apr 2021 13:55

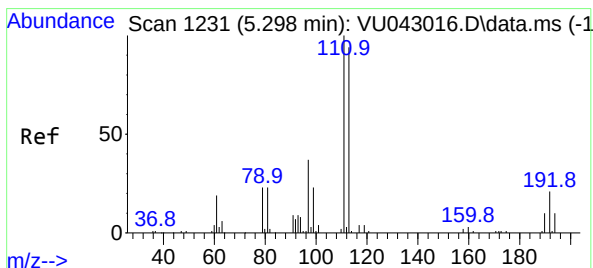
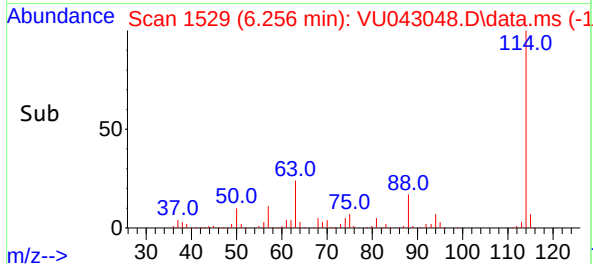
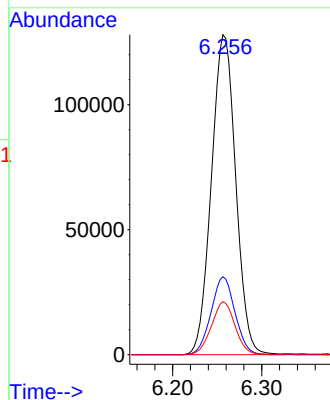
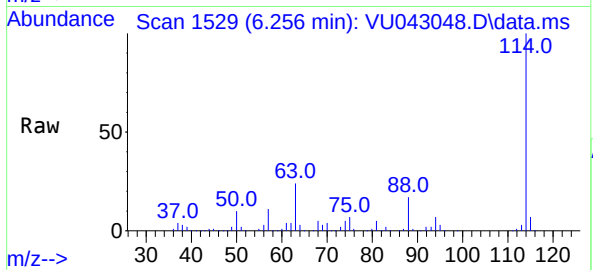
Tgt Ion:114 Resp: 242569

Ion Ratio Lower Upper

114 100

63 24.3 0.0 44.2

88 16.5 0.0 33.4



#35

Dibromofluoromethane

Concen: 46.89 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043048.D

Acq: 13 Apr 2021 13:55

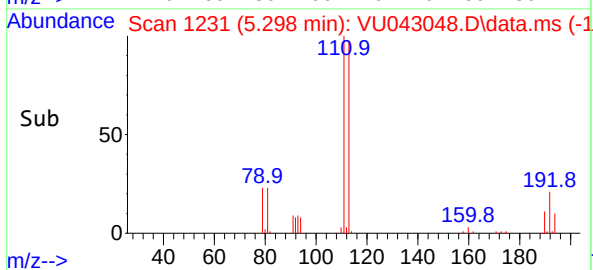
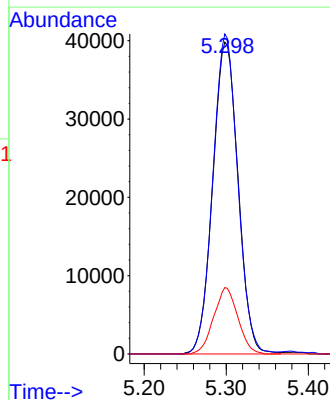
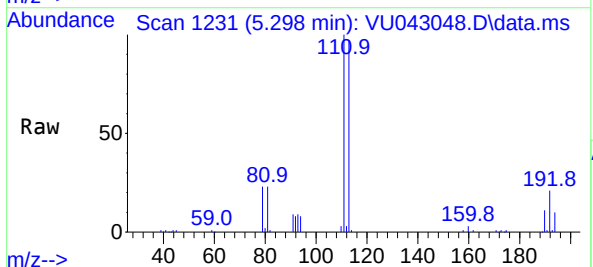
Tgt Ion:113 Resp: 85469

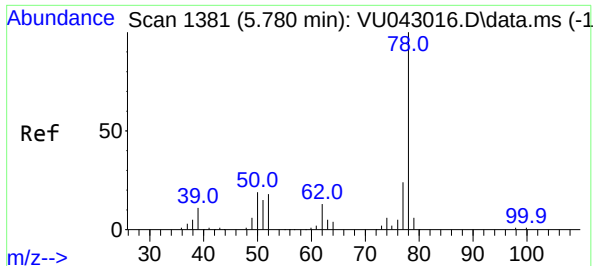
Ion Ratio Lower Upper

113 100

111 100.6 81.8 122.8

192 20.3 17.2 25.8

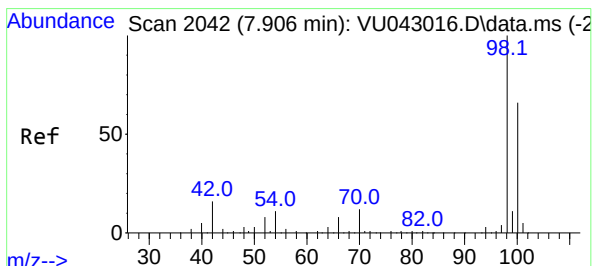
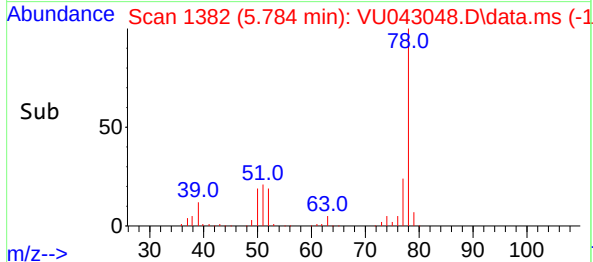
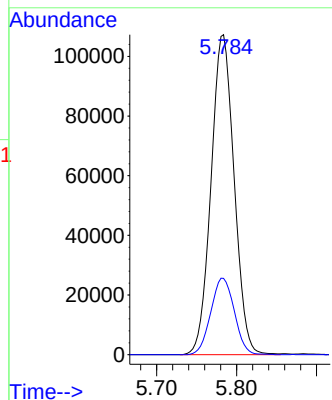
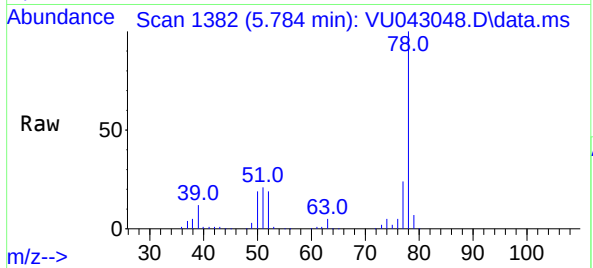




#40
Benzene
Concen: 29.25 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. 0.004 min
Lab File: VU043048.D
Acq: 13 Apr 2021 13:55

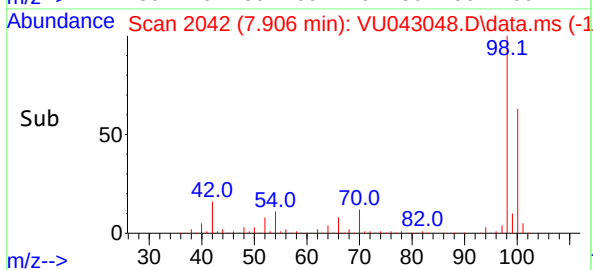
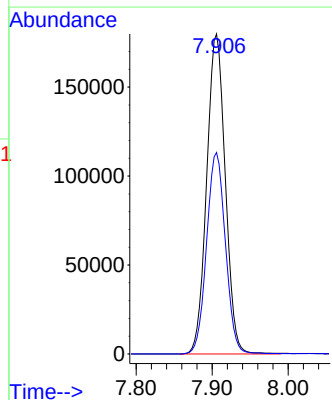
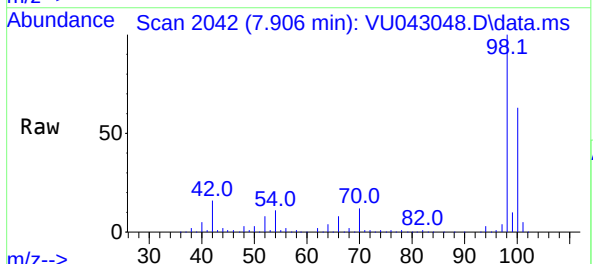
Instrument :
MSVOA_U
ClientSampled :
30820

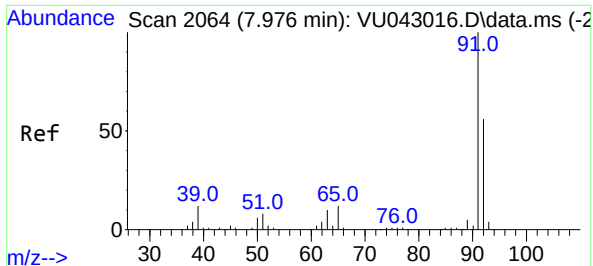
Tgt Ion: 78 Resp: 215055
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9



#50
Toluene-d8
Concen: 47.41 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043048.D
Acq: 13 Apr 2021 13:55

Tgt Ion: 98 Resp: 305768
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2

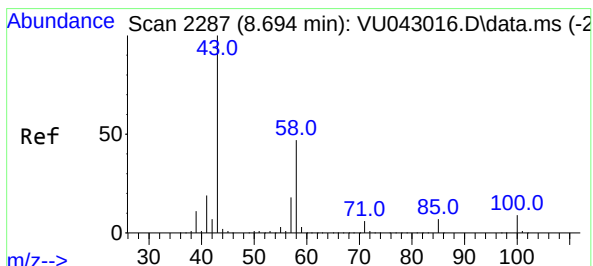
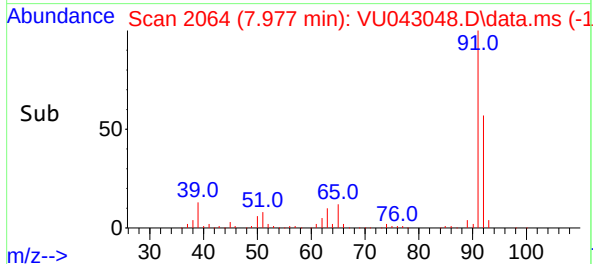
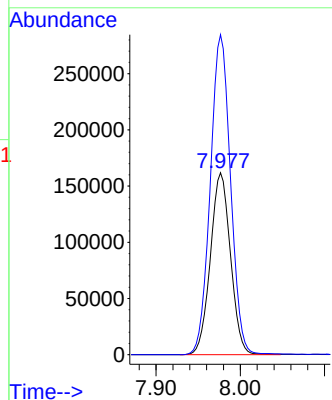
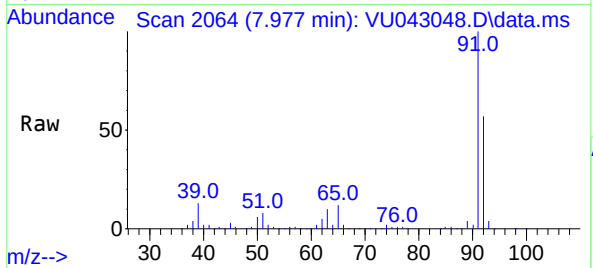




#52
Toluene
Concen: 58.80 ug/l
RT: 7.977 min Scan# 2064
Delta R.T. 0.001 min
Lab File: VU043048.D
Acq: 13 Apr 2021 13:55

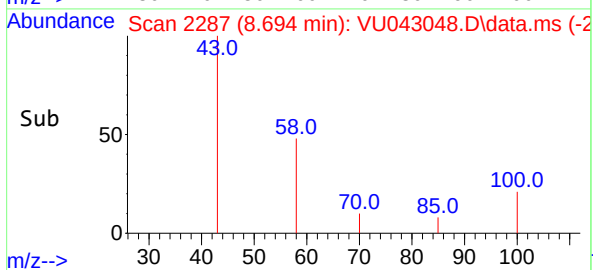
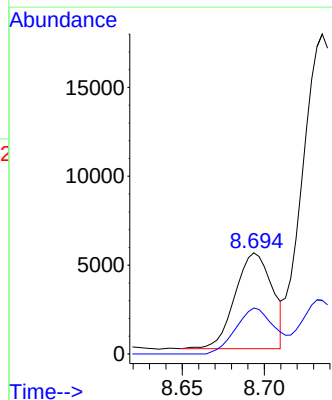
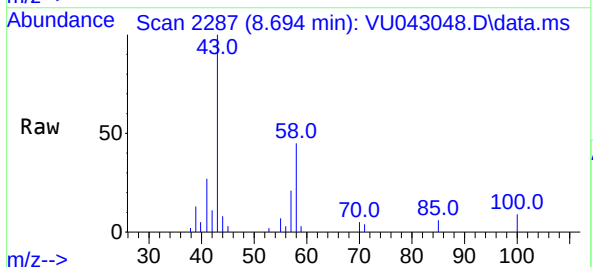
Instrument :
MSVOA_U
ClientSampled :
30820

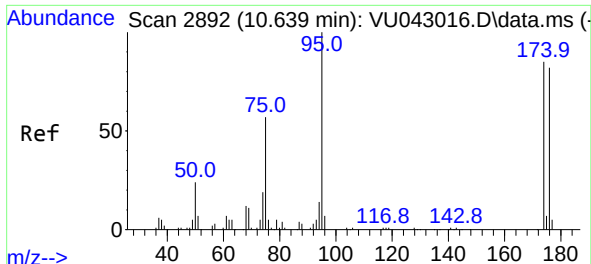
Tgt Ion: 92 Resp: 268039
Ion Ratio Lower Upper
92 100
91 177.5 140.3 210.5



#59
2-Hexanone
Concen: 2.23 ug/l
RT: 8.694 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043048.D
Acq: 13 Apr 2021 13:55

Tgt Ion: 43 Resp: 8522
Ion Ratio Lower Upper
43 100
58 49.3 24.0 72.0

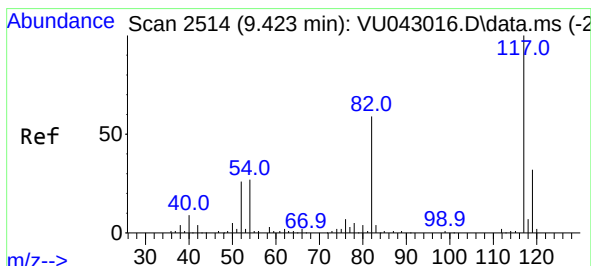
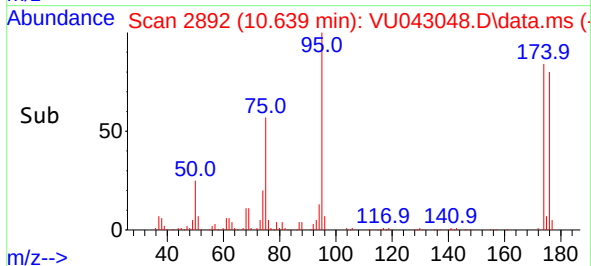
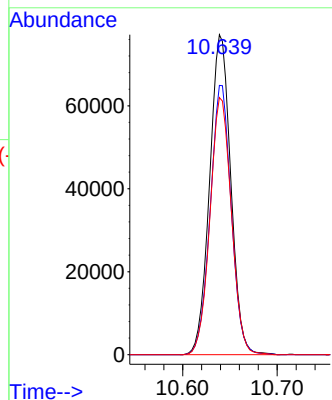
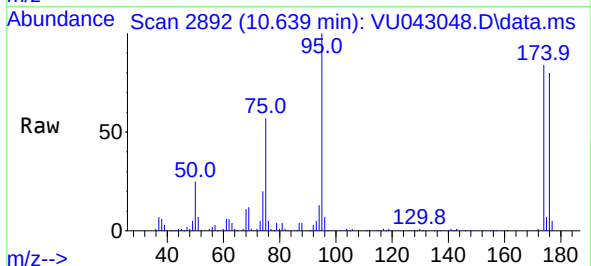




#62
4-Bromofluorobenzene
Concen: 46.36 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043048.D
Acq: 13 Apr 2021 13:55

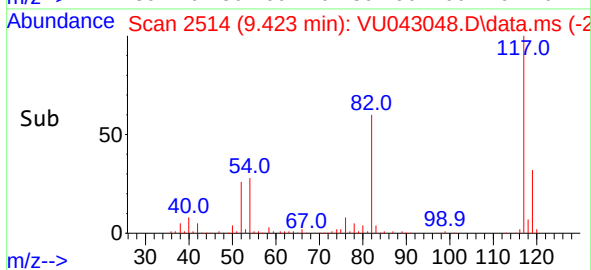
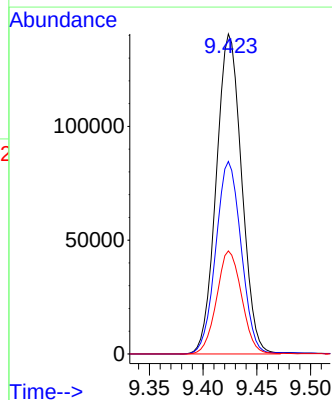
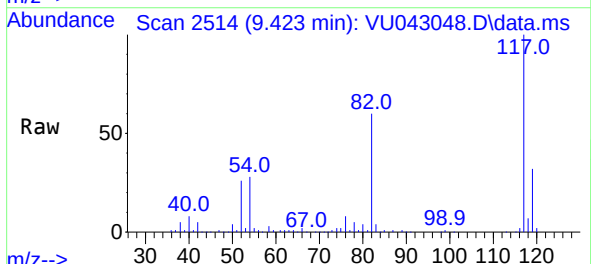
Instrument :
MSVOA_U
ClientSampleId :
30820

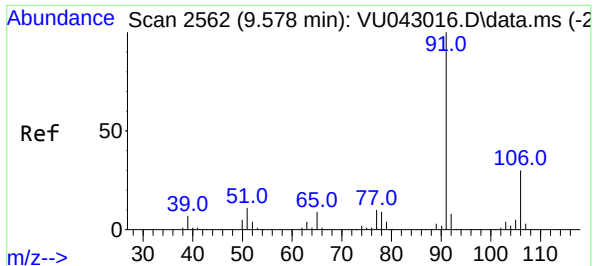
Tgt Ion: 95 Resp: 119747
Ion Ratio Lower Upper
95 100
174 83.7 0.0 172.2
176 81.3 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043048.D
Acq: 13 Apr 2021 13:55

Tgt Ion: 117 Resp: 230845
Ion Ratio Lower Upper
117 100
82 60.2 45.8 68.6
119 32.2 25.8 38.8





#67

Ethyl Benzene

Concen: 5.15 ug/l

RT: 9.578 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU043048.D

Acq: 13 Apr 2021 13:55

Tgt Ion: 91 Resp: 45979

Ion Ratio Lower Upper

91 100

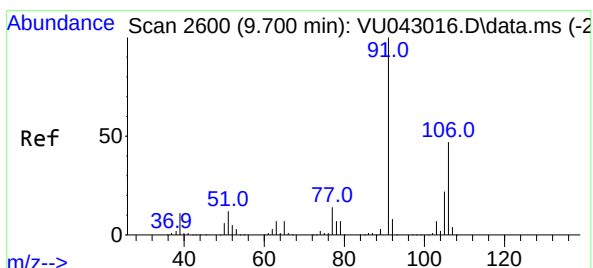
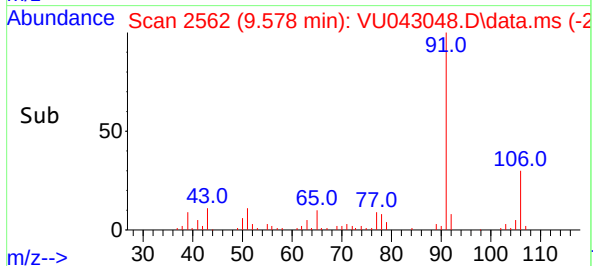
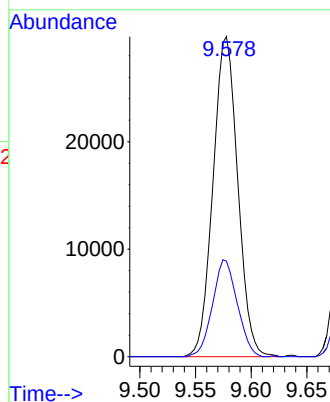
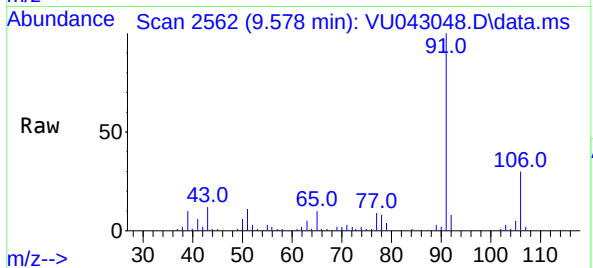
106 29.8 24.1 36.1

Instrument :

MSVOA_U

ClientSampled :

30820



#68

m/p-Xylenes

Concen: 30.79 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. -0.000 min

Lab File: VU043048.D

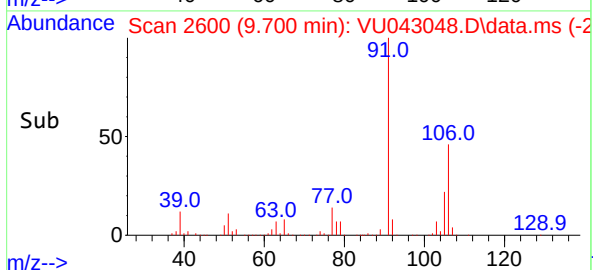
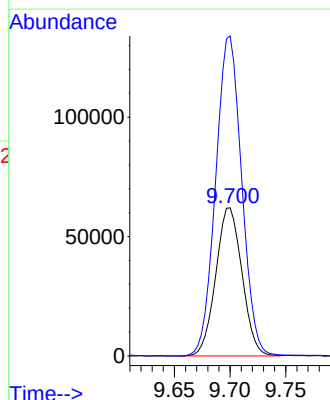
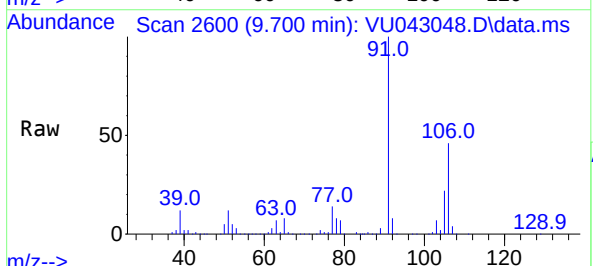
Acq: 13 Apr 2021 13:55

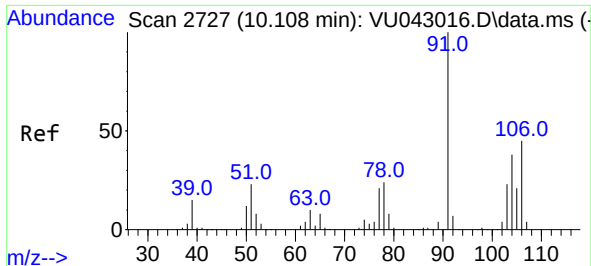
Tgt Ion:106 Resp: 101782

Ion Ratio Lower Upper

106 100

91 214.8 169.9 254.9

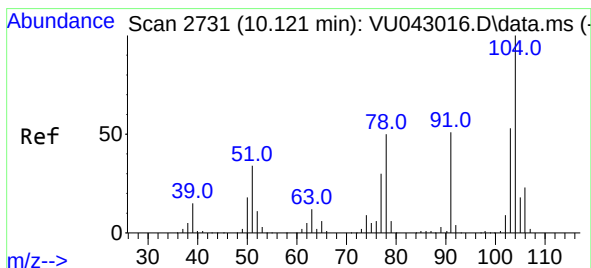
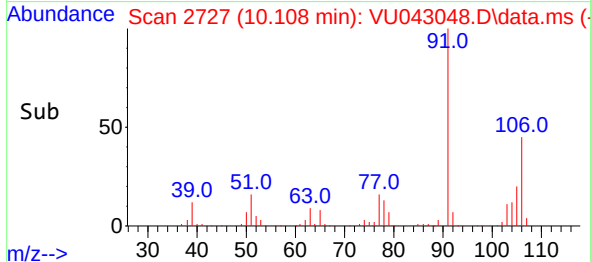
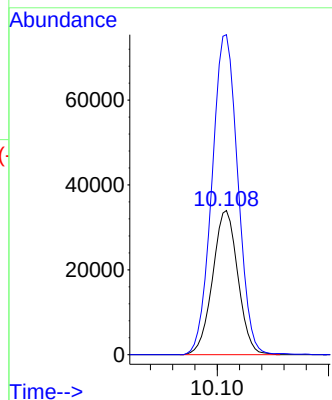
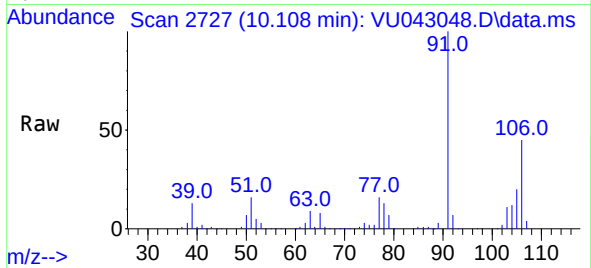




#69
o-Xylene
Concen: 16.58 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043048.D
Acq: 13 Apr 2021 13:55

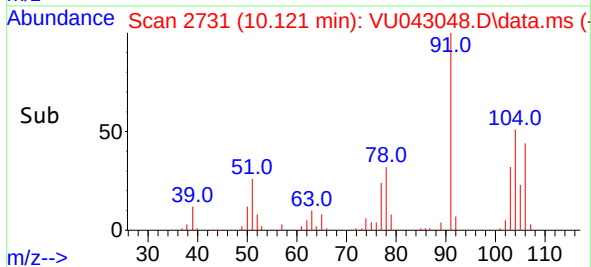
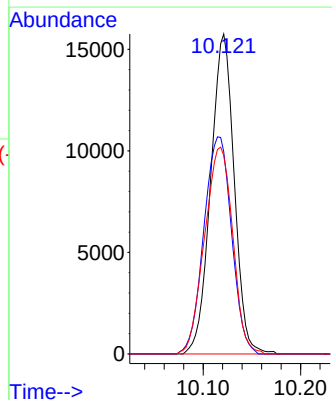
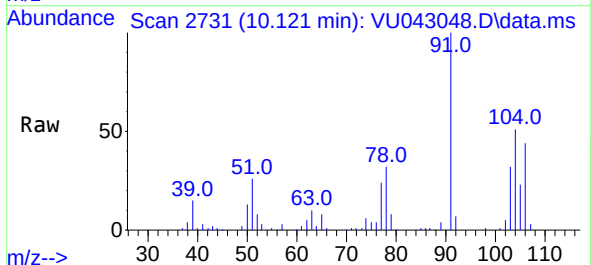
Instrument :
MSVOA_U
ClientSampled :
30820

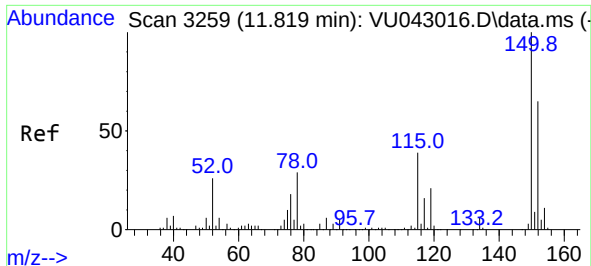
Tgt Ion:106 Resp: 53495
Ion Ratio Lower Upper
106 100
91 227.1 111.2 333.6



#70
Styrene
Concen: 4.87 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043048.D
Acq: 13 Apr 2021 13:55

Tgt Ion:104 Resp: 26444
Ion Ratio Lower Upper
104 100
78 79.8 44.8 67.2#
103 77.4 45.7 68.5#

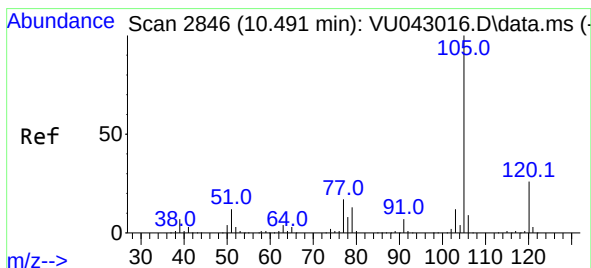
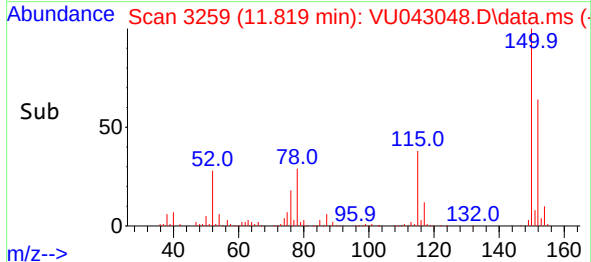
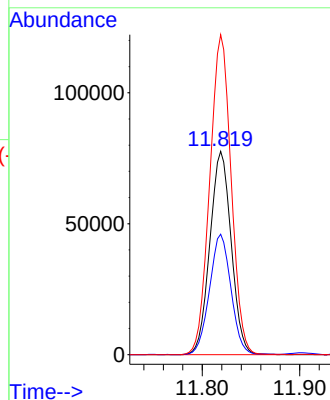
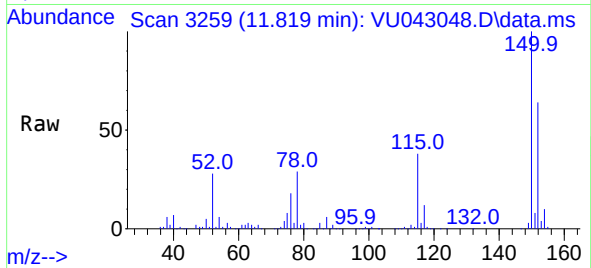




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043048.D
Acq: 13 Apr 2021 13:55

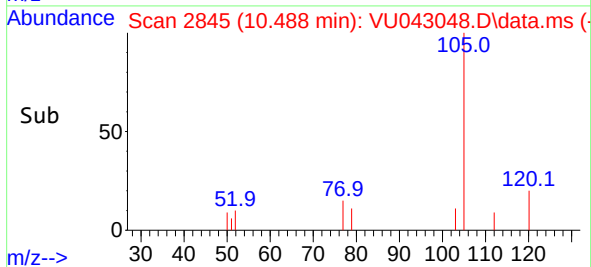
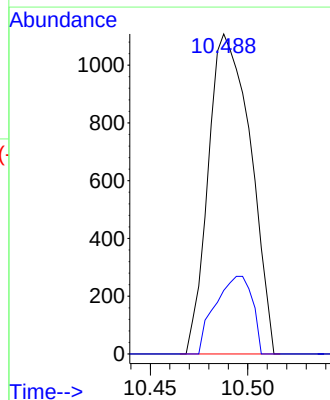
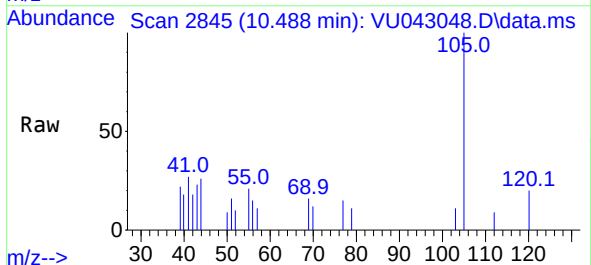
Instrument :
MSVOA_U
ClientSampled :
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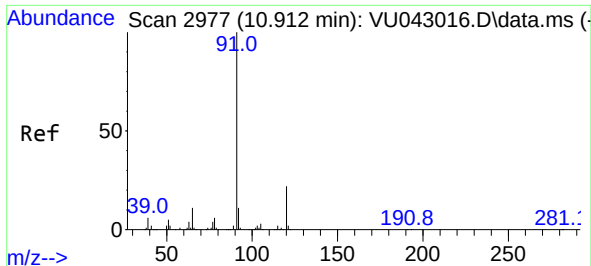
Tgt Ion:152 Resp: 118019
Ion Ratio Lower Upper
152 100
115 59.8 41.5 124.6
150 157.7 0.0 342.4



#73
Isopropylbenzene
Concen: 0.21 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU043048.D
Acq: 13 Apr 2021 13:55

Tgt Ion:105 Resp: 1670
Ion Ratio Lower Upper
105 100
120 21.2 13.1 39.3

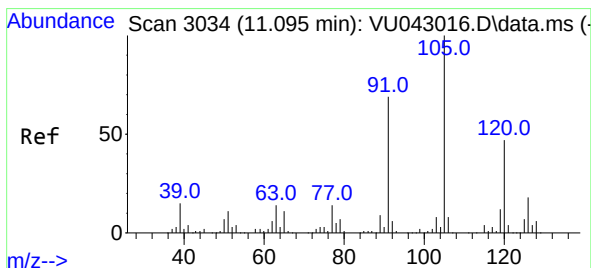
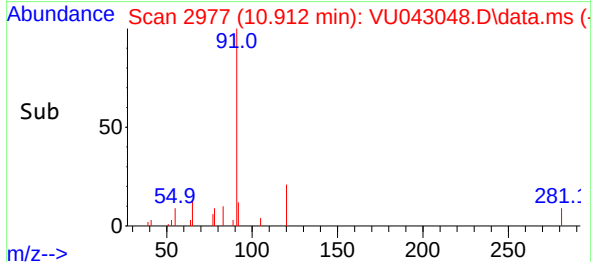
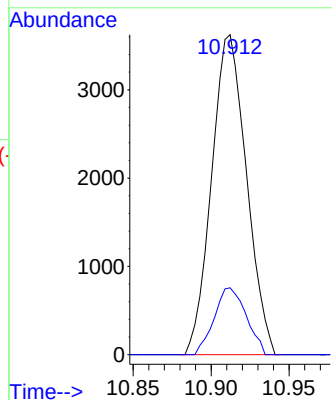
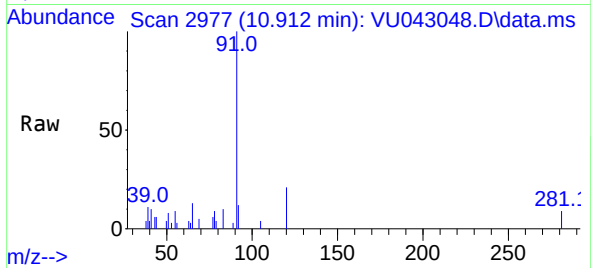




#78
n-propylbenzene
Concen: 0.59 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU043048.D
Acq: 13 Apr 2021 13:55

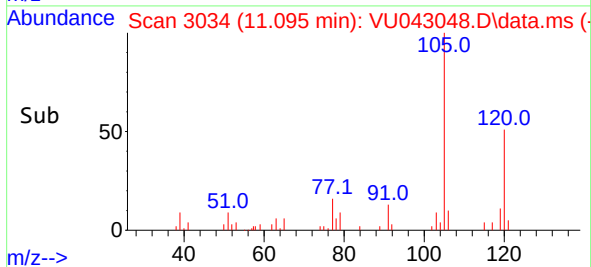
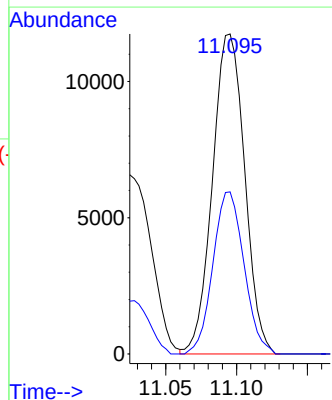
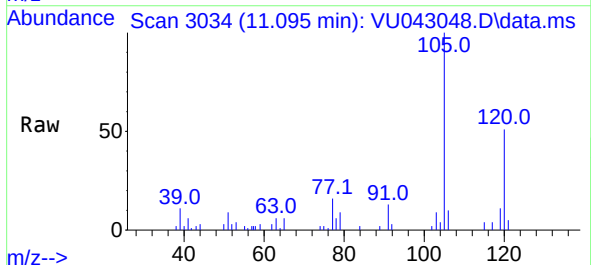
Instrument :
MSVOA_U
ClientSampled :
30820

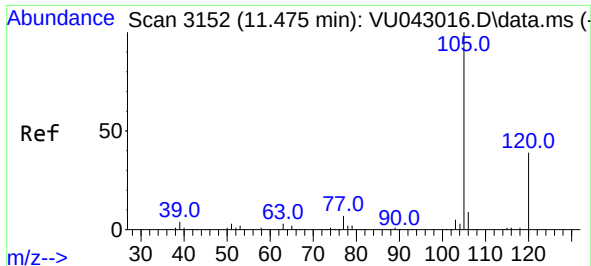
Tgt Ion: 91 Resp: 5632
Ion Ratio Lower Upper
91 100
120 19.2 11.2 33.6



#80
1,3,5-Trimethylbenzene
Concen: 2.66 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043048.D
Acq: 13 Apr 2021 13:55

Tgt Ion:105 Resp: 18584
Ion Ratio Lower Upper
105 100
120 48.8 23.8 71.4

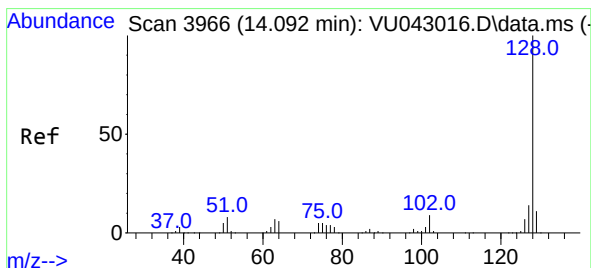
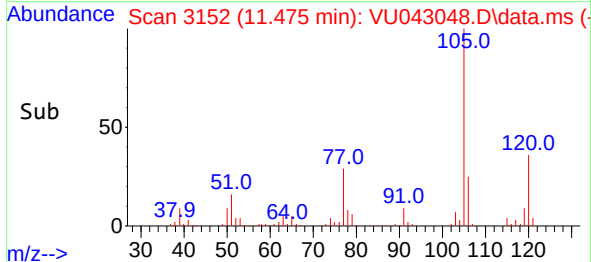
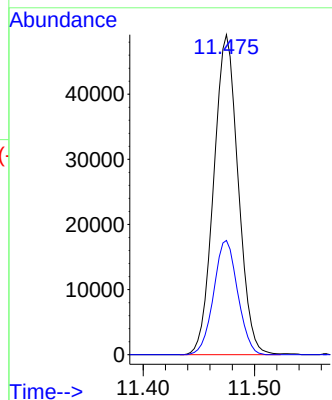
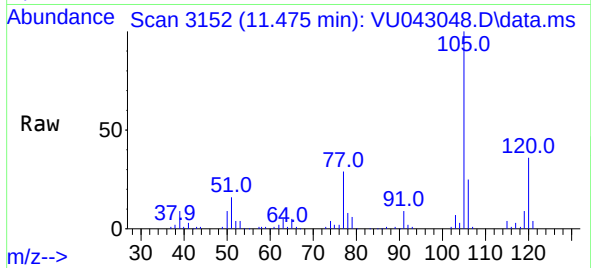




#84
1,2,4-Trimethylbenzene
Concen: 10.42 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043048.D
Acq: 13 Apr 2021 13:55

Instrument :
MSVOA_U
ClientSampled :
30820

Tgt Ion:105 Resp: 74860
Ion Ratio Lower Upper
105 100
120 35.1 22.3 66.8



#95
Naphthalene
Concen: 49.97 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU043048.D
Acq: 13 Apr 2021 13:55

Tgt Ion:128 Resp: 426596
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 10.9 8.6 13.0

