

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043049.D
 Acq On : 13 Apr 2021 14:18
 Operator : SY/MD
 Sample : M1994-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRE-1170

Quant Time: Apr 14 03:49:50 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)

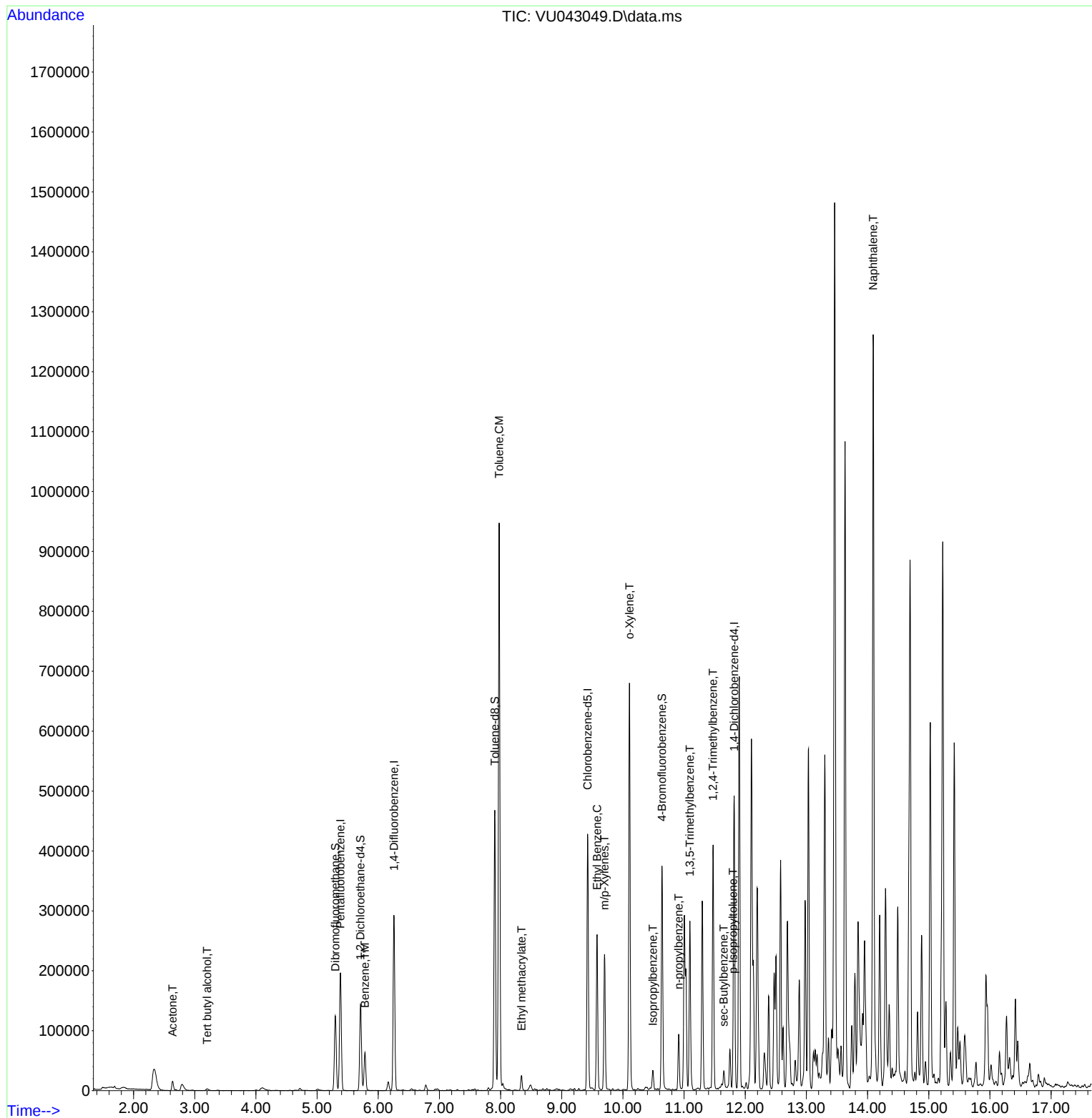
Internal Standards						
1) Pentafluorobenzene	5.382	168	132528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	219913	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	212830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	116951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	111315	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	5.298	113	77116	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
50) Toluene-d8	7.906	98	282216	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
62) 4-Bromofluorobenzene	10.639	95	109403	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	3.202	59	4152	7.23	ug/l	# 95
16) Acetone	2.639	43	20666	15.48	ug/l	94
40) Benzene	5.784	78	53325	8.00	ug/l	97
52) Toluene	7.977	92	358191	86.67	ug/l	97
56) Ethyl methacrylate	8.343	69	11601	4.00	ug/l	90
67) Ethyl Benzene	9.578	91	170834	20.74	ug/l	99
68) m/p-Xylenes	9.700	106	60258	19.77	ug/l	97
69) o-Xylene	10.108	106	163201	54.86	ug/l	98
73) Isopropylbenzene	10.491	105	18449	2.35	ug/l	99
78) n-propylbenzene	10.912	91	67241	7.15	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	138472	19.98	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	205399	28.85	ug/l	98
85) sec-Butylbenzene	11.648	105	17631	2.21	ug/l	98
86) p-Isopropyltoluene	11.800	119	14521	1.98	ug/l	98
95) Naphthalene	14.092	128	937444	107.48	ug/l	99

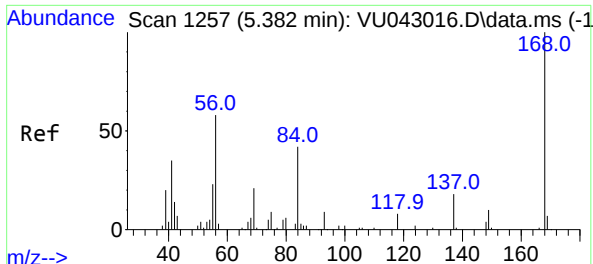
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
Data File : VU043049.D
Acq On : 13 Apr 2021 14:18
Operator : SY/MD
Sample : M1994-01
Misc : 5.0mL/MSVOA_U/WATER
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Instrument :
MSVOA_U
ClientSampleId :
TRE-1170

Quant Time: Apr 14 03:49:50 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

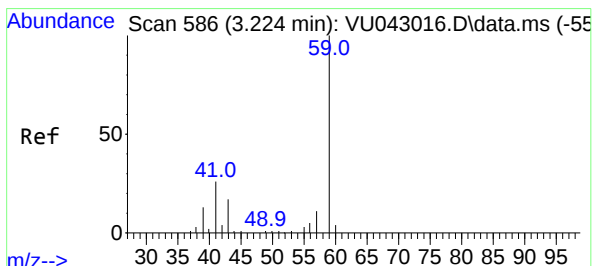
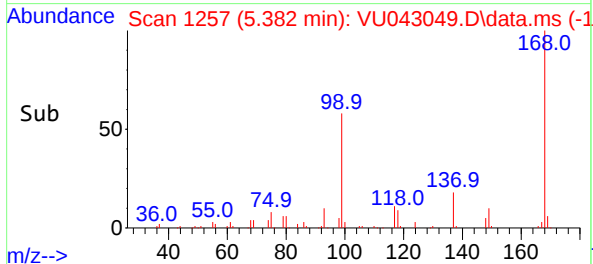
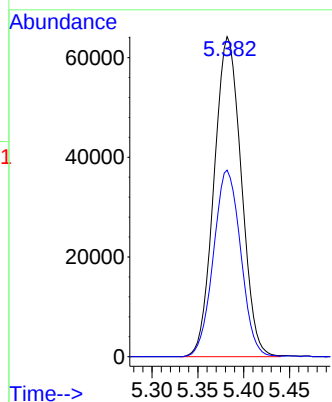
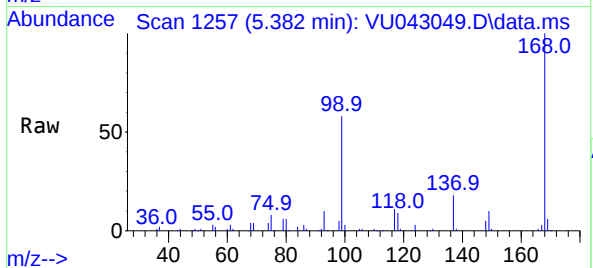




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043049.D
Acq: 13 Apr 2021 14:18

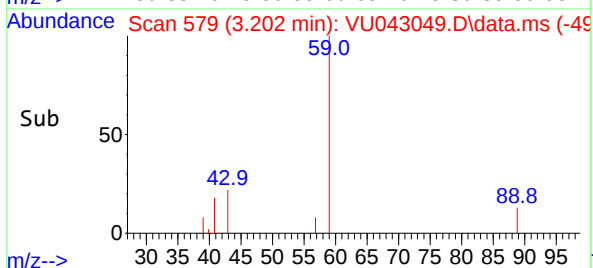
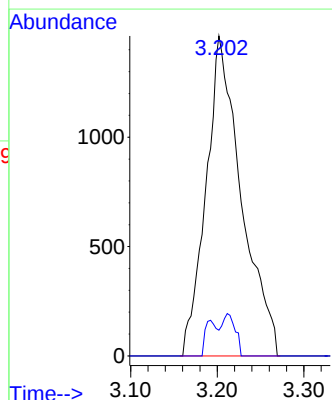
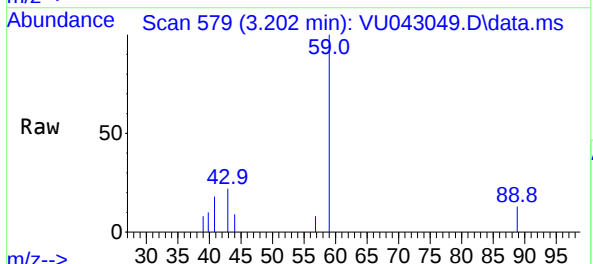
Instrument :
MSVOA_U
ClientSampleId :
TRE-1170

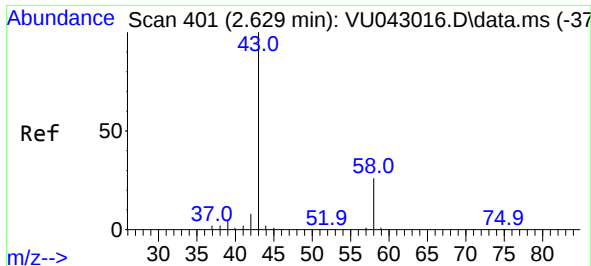
Tgt Ion:168 Resp: 132528
Ion Ratio Lower Upper
168 100
99 58.3 45.0 67.4



#11
Tert butyl alcohol
Concen: 7.23 ug/l
RT: 3.202 min Scan# 579
Delta R.T. -0.022 min
Lab File: VU043049.D
Acq: 13 Apr 2021 14:18

Tgt Ion: 59 Resp: 4152
Ion Ratio Lower Upper
59 100
57 3.9 1.6 2.4#

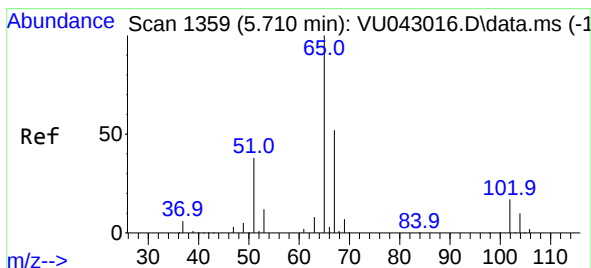
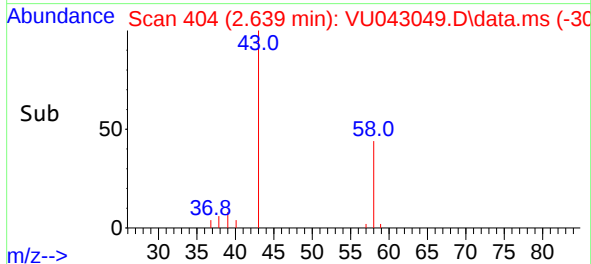
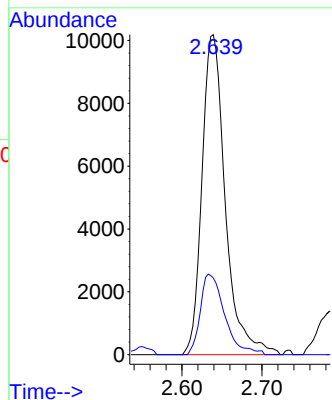
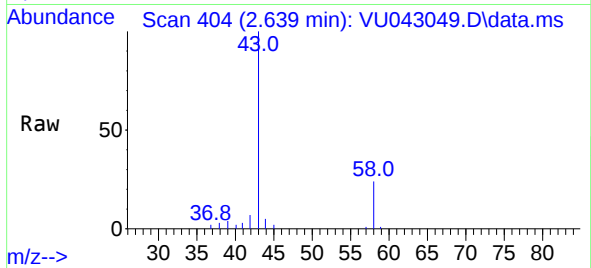




#16
Acetone
Concen: 15.48 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.010 min
Lab File: VU043049.D
Acq: 13 Apr 2021 14:18

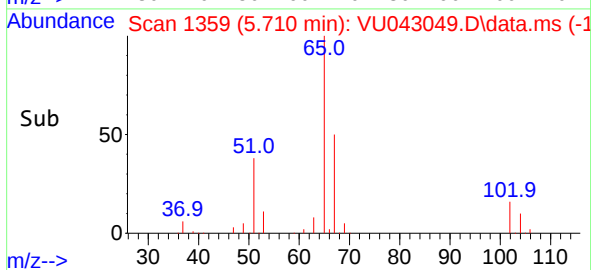
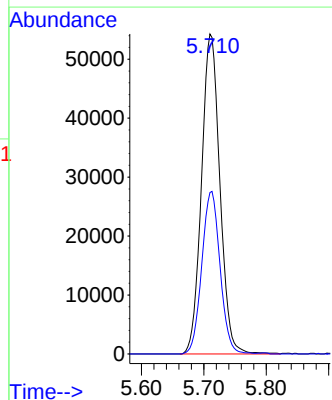
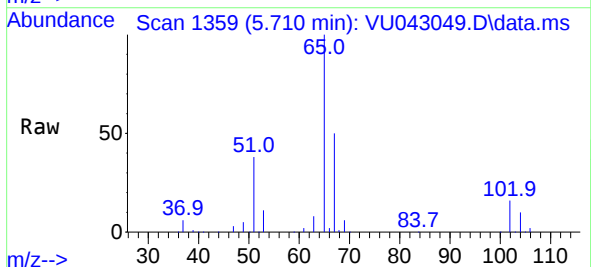
Instrument :
MSVOA_U
ClientSampleId :
TRE-1170

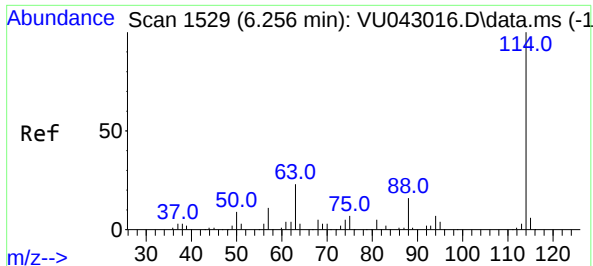
Tgt Ion: 43 Resp: 20666
Ion Ratio Lower Upper
43 100
58 24.0 21.5 32.3



#33
1,2-Dichloroethane-d4
Concen: 49.96 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043049.D
Acq: 13 Apr 2021 14:18

Tgt Ion: 65 Resp: 111315
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.8

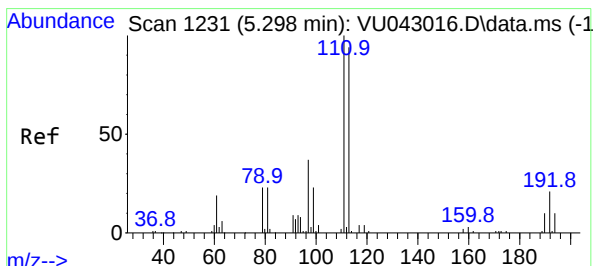
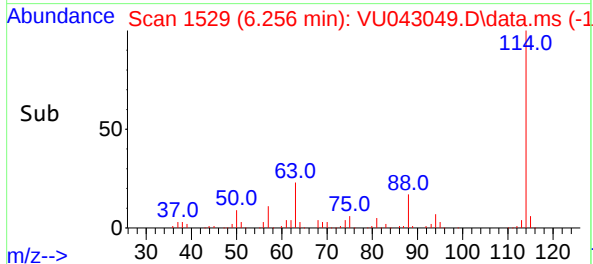
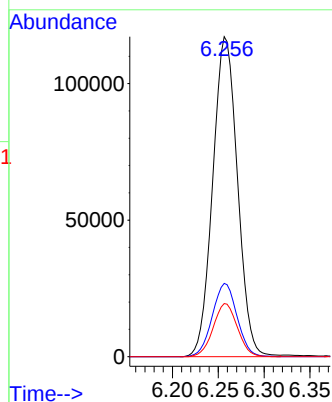
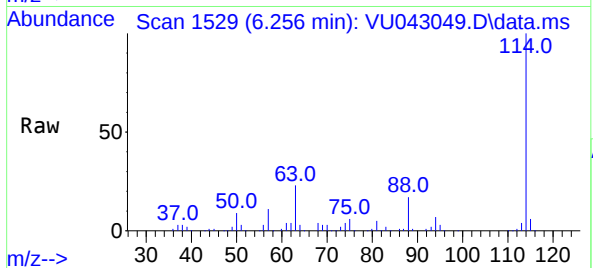




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043049.D
Acq: 13 Apr 2021 14:18

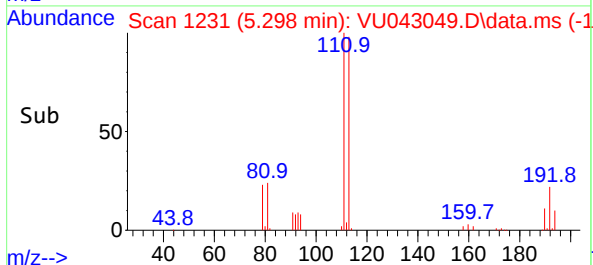
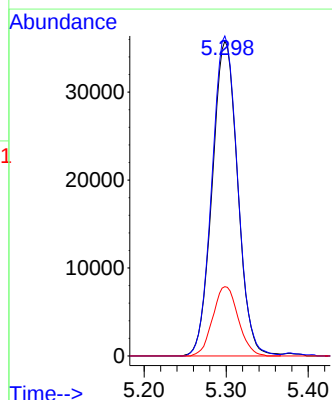
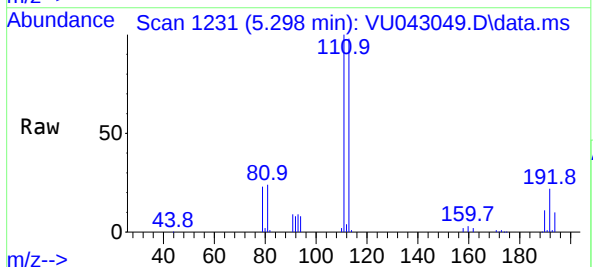
Instrument :
MSVOA_U
ClientSampleId :
TRE-1170

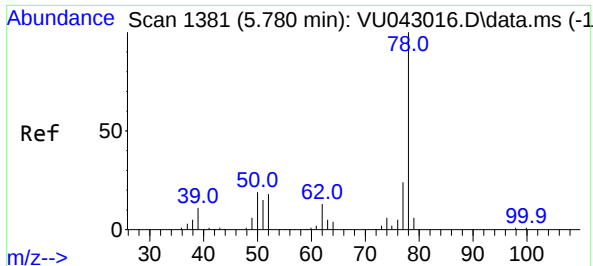
Tgt Ion:114 Resp: 219913
Ion Ratio Lower Upper
114 100
63 22.9 0.0 44.2
88 16.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.67 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043049.D
Acq: 13 Apr 2021 14:18

Tgt Ion:113 Resp: 77116
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 22.0 17.2 25.8

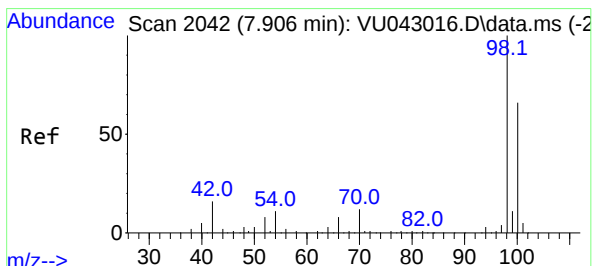
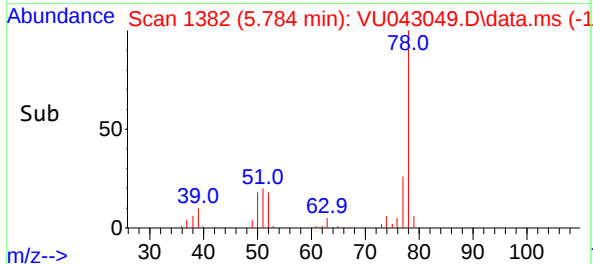
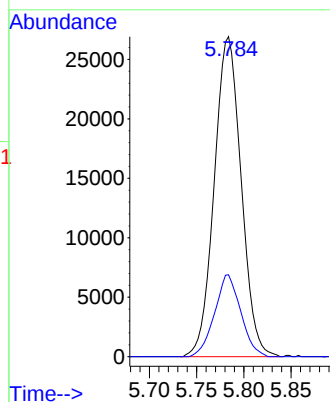
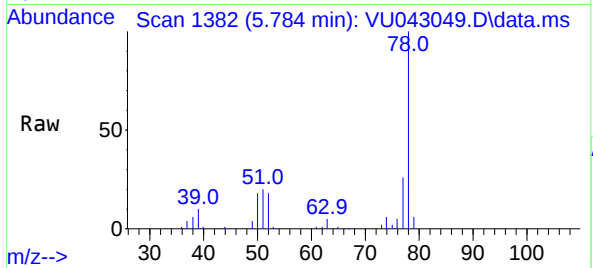




#40
Benzene
Concen: 8.00 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. 0.004 min
Lab File: VU043049.D
Acq: 13 Apr 2021 14:18

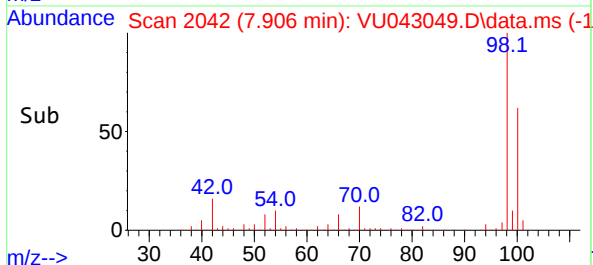
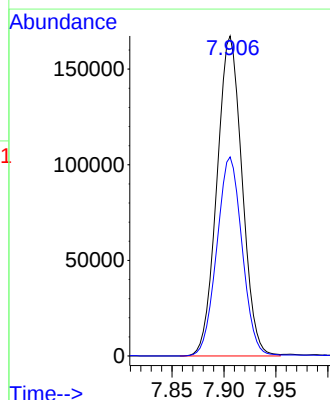
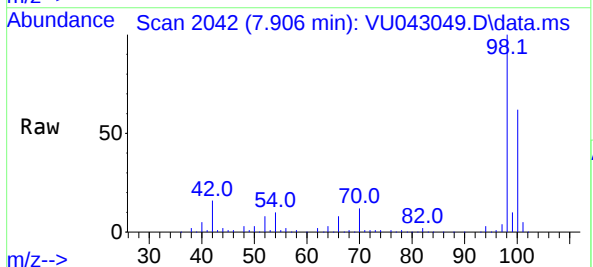
Instrument :
MSVOA_U
ClientSampled :
TRE-1170

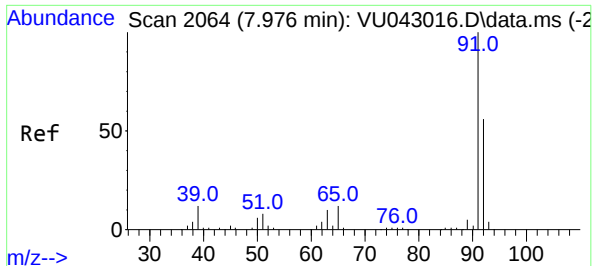
Tgt Ion: 78 Resp: 53325
Ion Ratio Lower Upper
78 100
77 25.6 19.3 28.9



#50
Toluene-d8
Concen: 48.26 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043049.D
Acq: 13 Apr 2021 14:18

Tgt Ion: 98 Resp: 282216
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2





#52

Toluene

Concen: 86.67 ug/l

RT: 7.977 min Scan# 2064

Delta R.T. 0.001 min

Lab File: VU043049.D

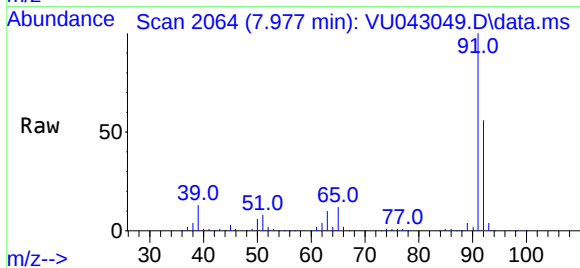
Acq: 13 Apr 2021 14:18

Tgt Ion: 92 Resp: 358191

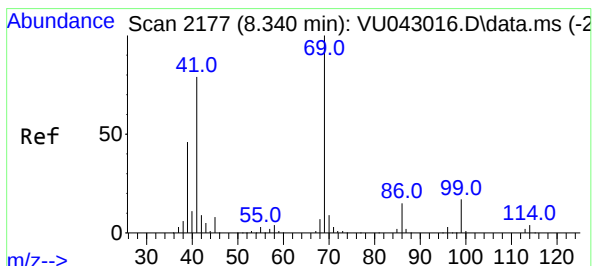
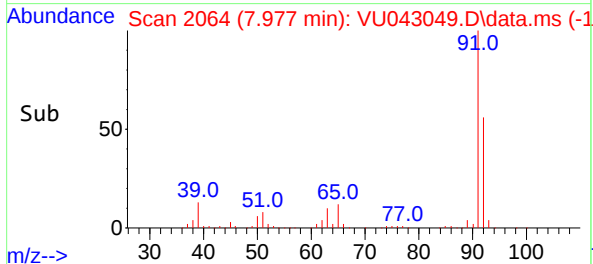
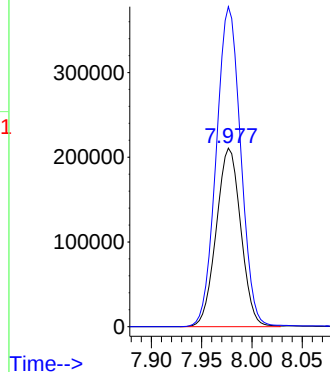
Ion Ratio Lower Upper

92 100

91 179.8 140.3 210.5



Abundance



#56

Ethyl methacrylate

Concen: 4.00 ug/l

RT: 8.343 min Scan# 2178

Delta R.T. 0.003 min

Lab File: VU043049.D

Acq: 13 Apr 2021 14:18

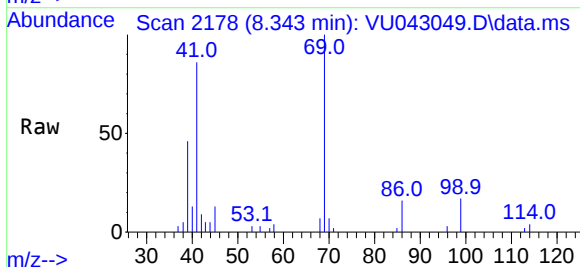
Tgt Ion: 69 Resp: 11601

Ion Ratio Lower Upper

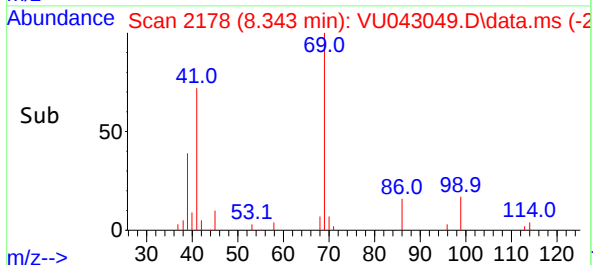
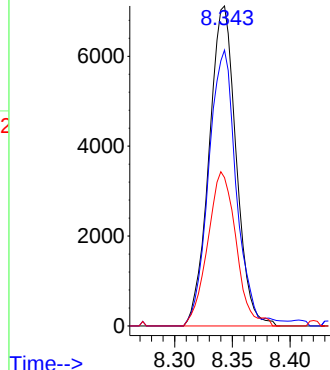
69 100

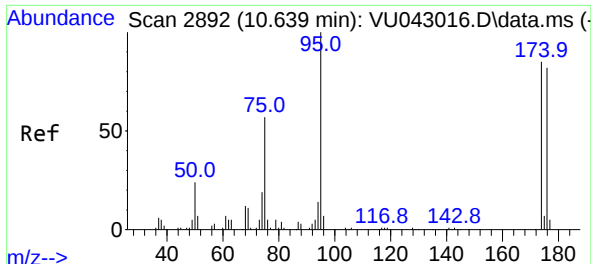
41 88.6 62.8 94.2

39 50.7 36.2 54.2



Abundance

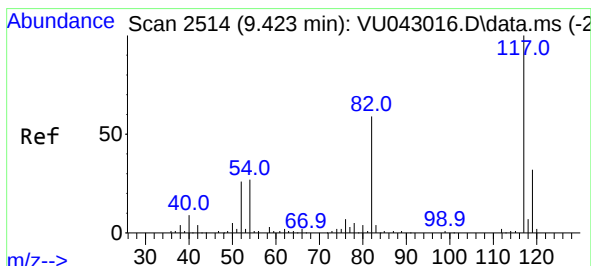
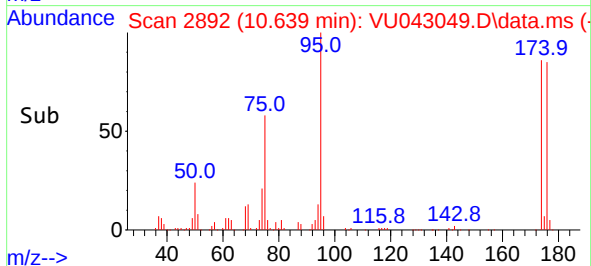
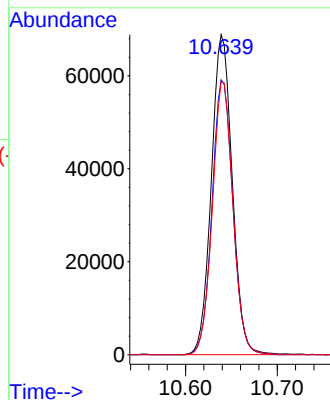
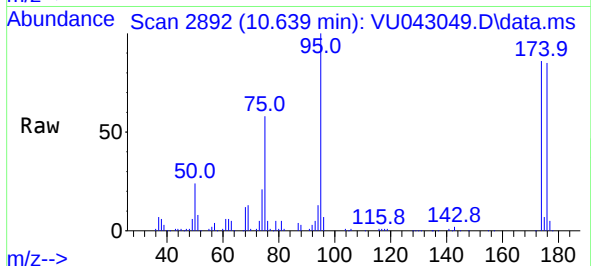




#62
4-Bromofluorobenzene
Concen: 46.72 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043049.D
Acq: 13 Apr 2021 14:18

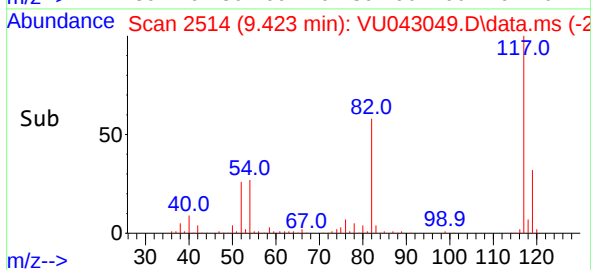
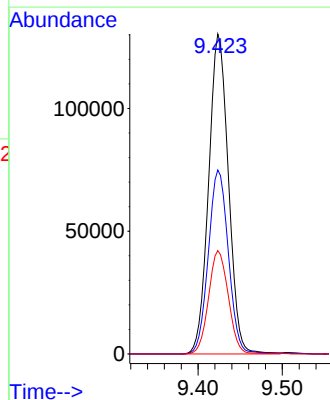
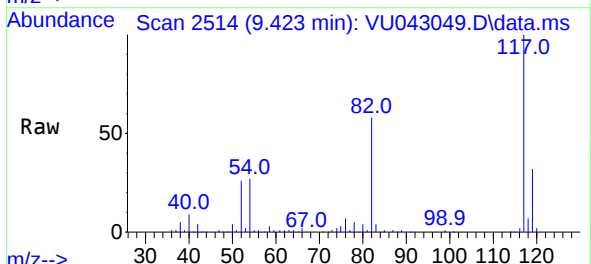
Instrument :
MSVOA_U
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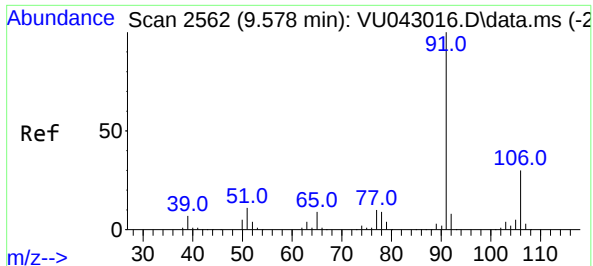
Tgt Ion: 95 Resp: 109403
Ion Ratio Lower Upper
95 100
174 85.5 0.0 172.2
176 84.0 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043049.D
Acq: 13 Apr 2021 14:18

Tgt Ion: 117 Resp: 212830
Ion Ratio Lower Upper
117 100
82 57.5 45.8 68.6
119 32.3 25.8 38.8





#67

Ethyl Benzene

Concen: 20.74 ug/l

RT: 9.578 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU043049.D

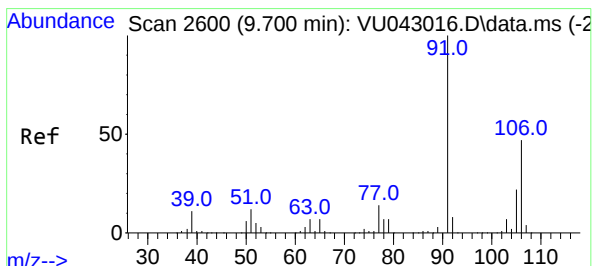
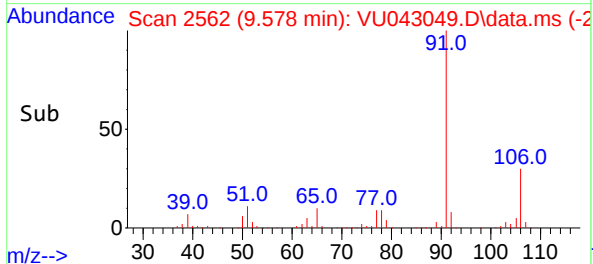
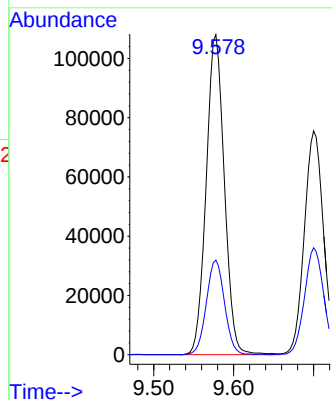
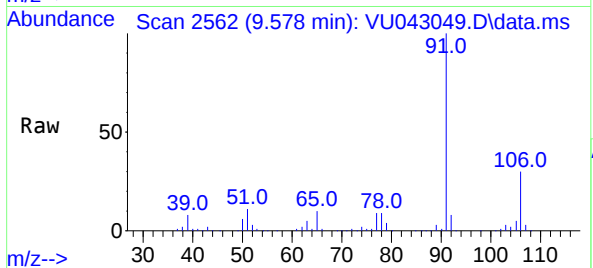
Acq: 13 Apr 2021 14:18

Tgt Ion: 91 Resp: 170834

Ion Ratio Lower Upper

91 100

106 29.6 24.1 36.1



#68

m/p-Xylenes

Concen: 19.77 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. -0.000 min

Lab File: VU043049.D

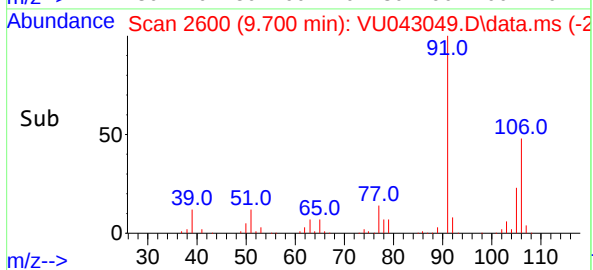
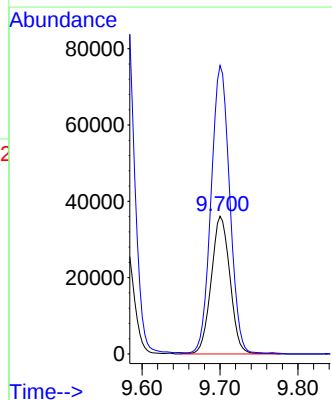
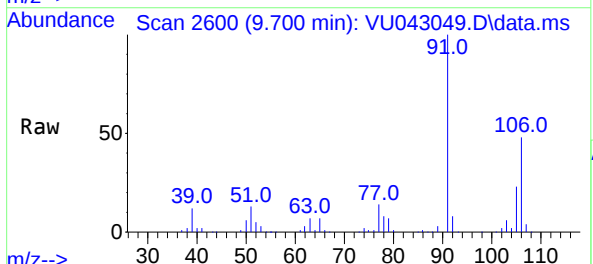
Acq: 13 Apr 2021 14:18

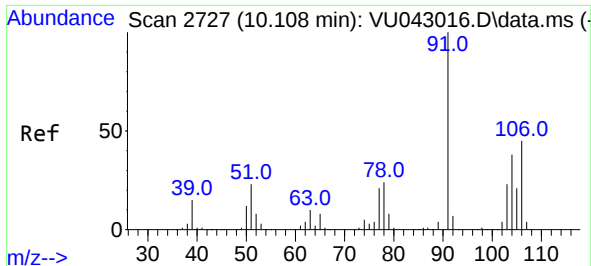
Tgt Ion: 106 Resp: 60258

Ion Ratio Lower Upper

106 100

91 207.4 169.9 254.9

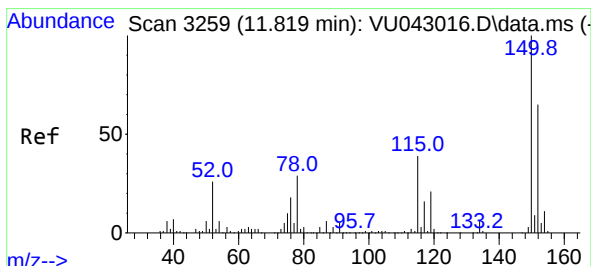
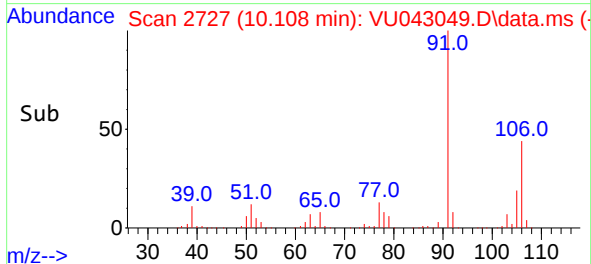
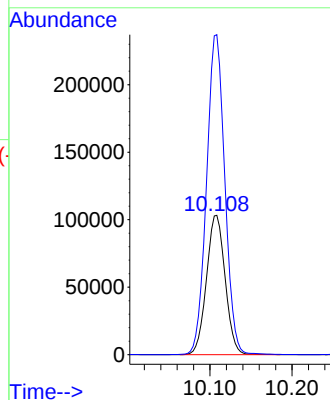
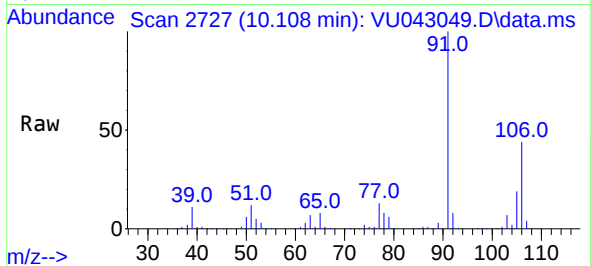




#69
o-Xylene
Concen: 54.86 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043049.D
Acq: 13 Apr 2021 14:18

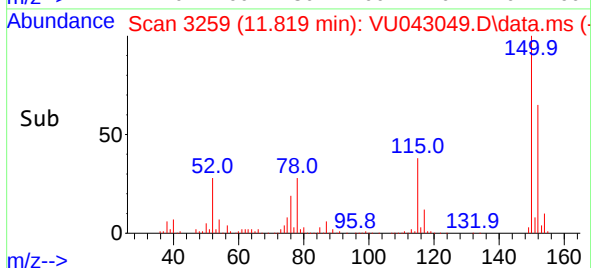
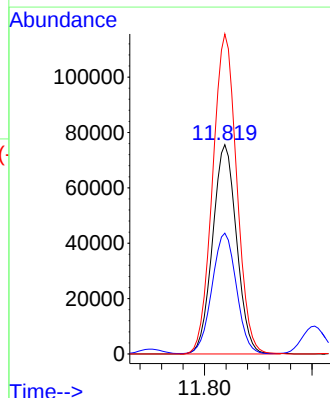
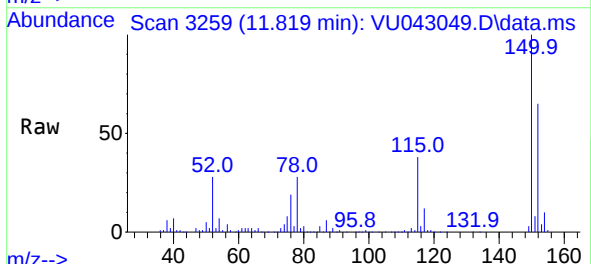
Instrument :
MSVOA_U
ClientSampleId :
TRE-1170

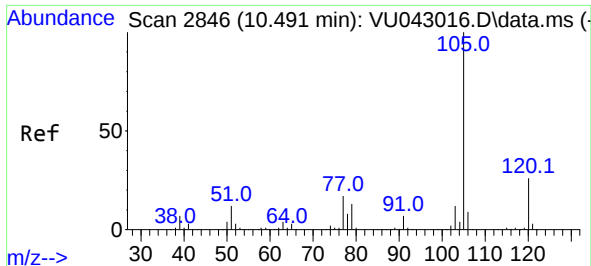
Tgt Ion:106 Resp: 163201
Ion Ratio Lower Upper
106 100
91 225.6 111.2 333.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043049.D
Acq: 13 Apr 2021 14:18

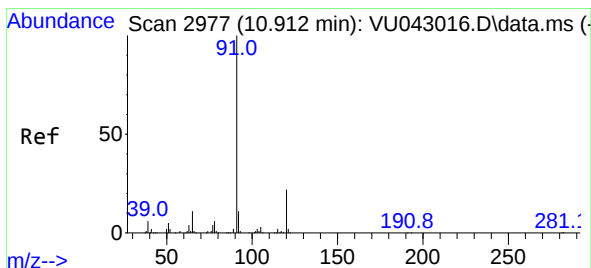
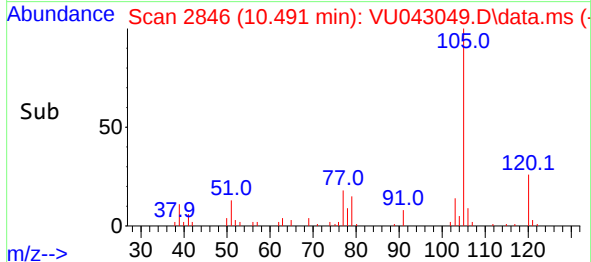
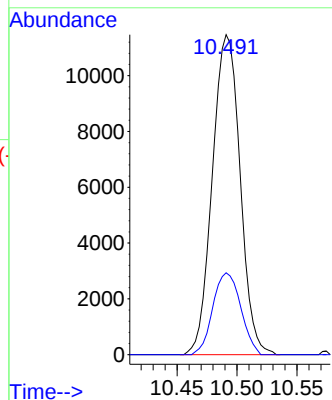
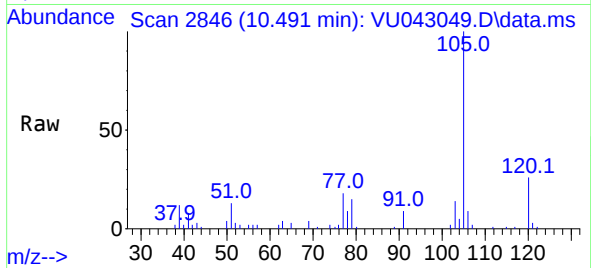
Tgt Ion:152 Resp: 116951
Ion Ratio Lower Upper
152 100
115 58.8 41.5 124.6
150 153.7 0.0 342.4





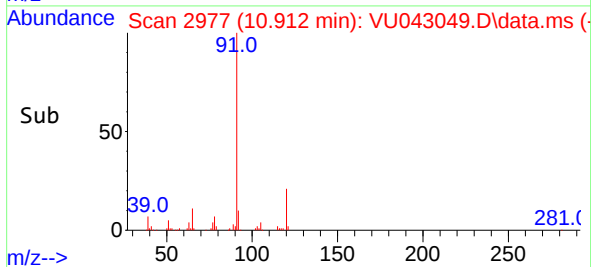
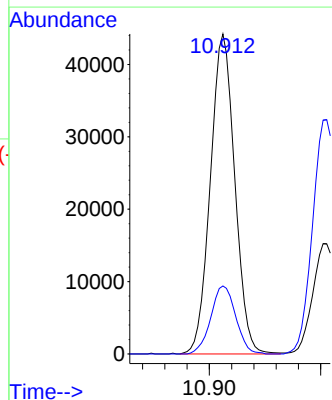
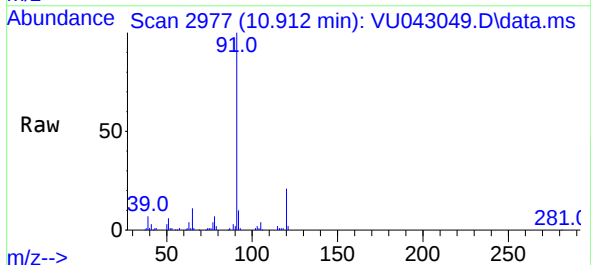
#73
Isopropylbenzene
Concen: 2.35 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043049.D
Acq: 13 Apr 2021 14:18

Tgt Ion: 105 Resp: 18449
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.3

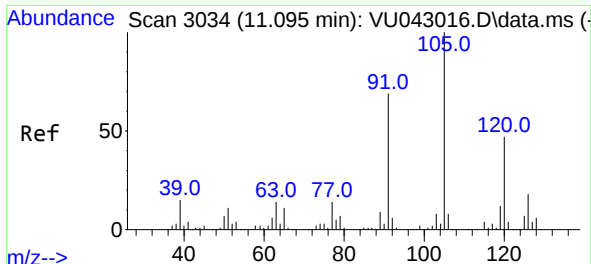


#78
n-propylbenzene
Concen: 7.15 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU043049.D
Acq: 13 Apr 2021 14:18

Tgt Ion: 91 Resp: 67241
Ion Ratio Lower Upper
91 100
120 21.7 11.2 33.6



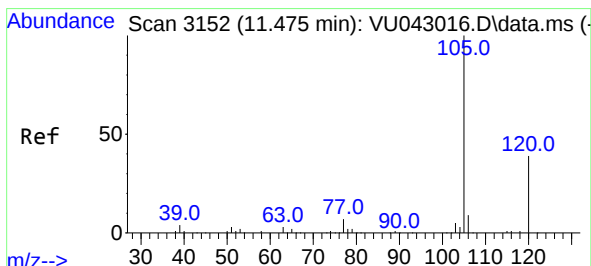
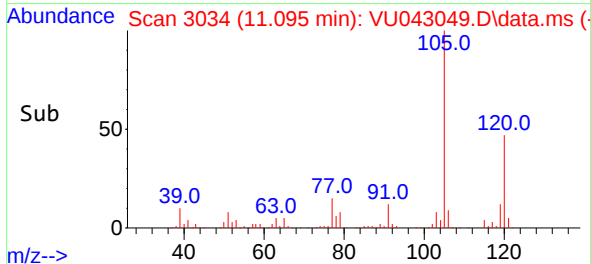
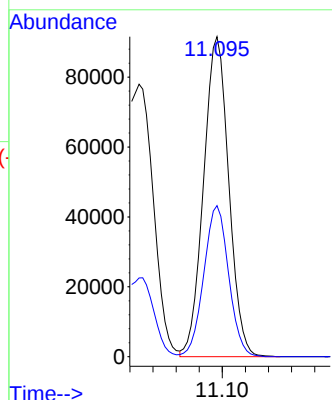
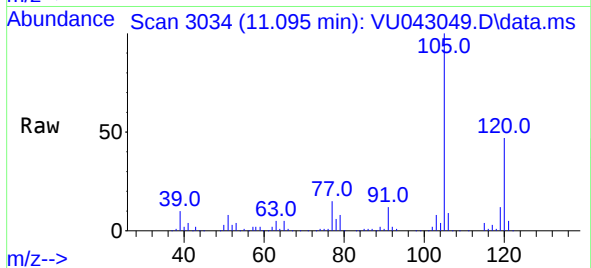
Instrument :
MSVOA_U
ClientSampleId :
TRE-1170



#80
1,3,5-Trimethylbenzene
Concen: 19.98 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043049.D
Acq: 13 Apr 2021 14:18

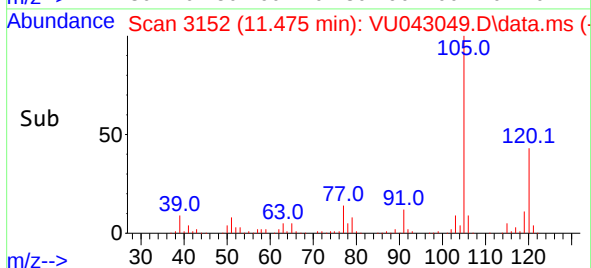
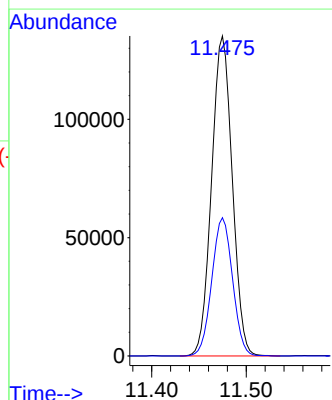
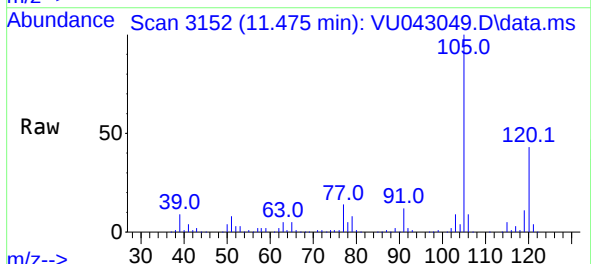
Instrument :
MSVOA_U
ClientSampleId :
TRE-1170

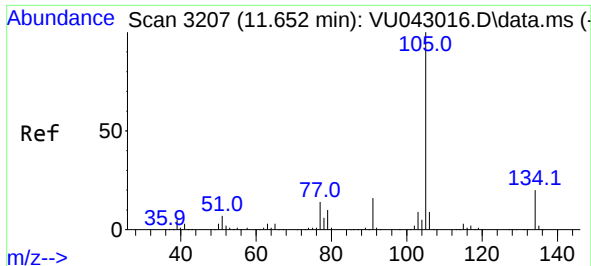
Tgt Ion:105 Resp: 138472
Ion Ratio Lower Upper
105 100
120 46.7 23.8 71.4



#84
1,2,4-Trimethylbenzene
Concen: 28.85 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043049.D
Acq: 13 Apr 2021 14:18

Tgt Ion:105 Resp: 205399
Ion Ratio Lower Upper
105 100
120 43.4 22.3 66.8

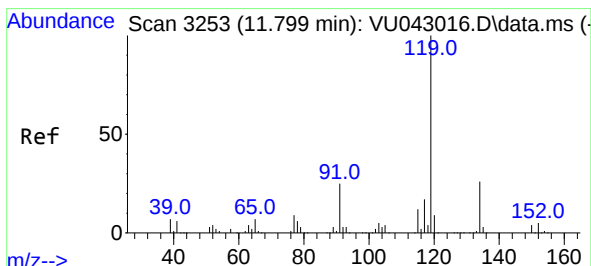
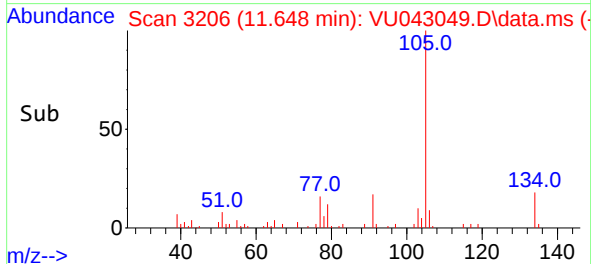
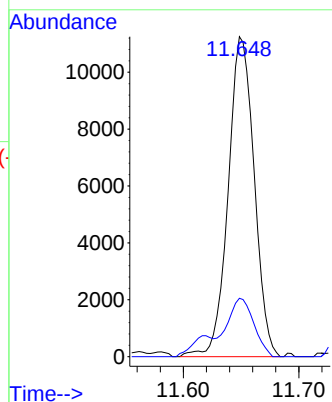
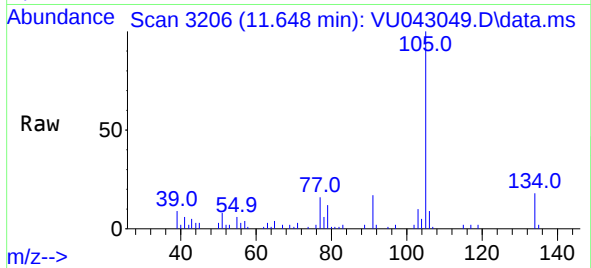




#85
 sec-Butylbenzene
 Concen: 2.21 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. -0.004 min
 Lab File: VU043049.D
 Acq: 13 Apr 2021 14:18

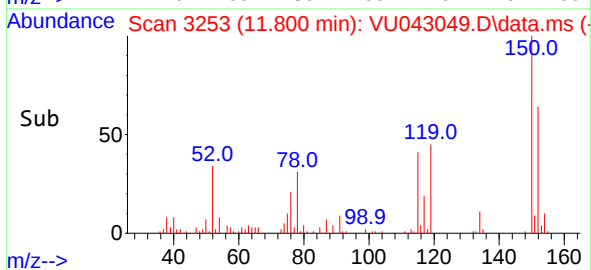
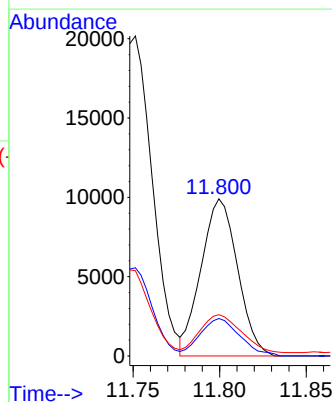
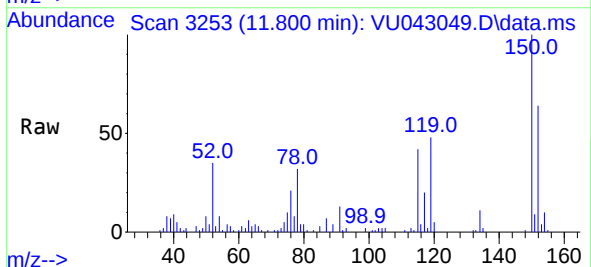
Instrument :
 MSVOA_U
 ClientSampleId :
 TRE-1170

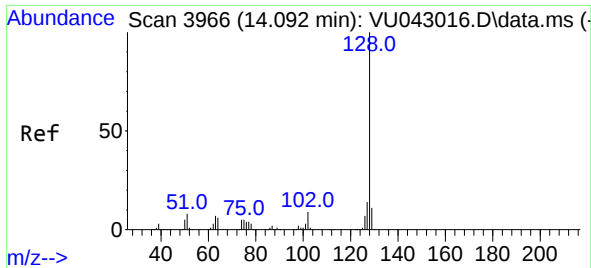
Tgt Ion:105 Resp: 17631
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 1.98 ug/l
 RT: 11.800 min Scan# 3253
 Delta R.T. 0.001 min
 Lab File: VU043049.D
 Acq: 13 Apr 2021 14:18

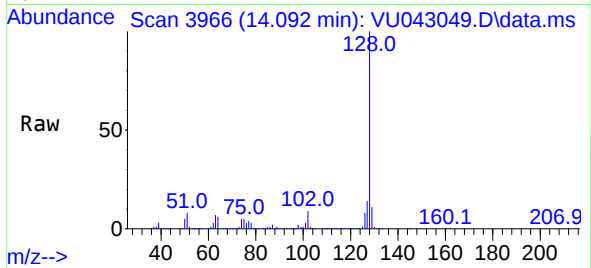
Tgt Ion:119 Resp: 14521
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.6
 91 27.1 12.8 38.3





#95
Naphthalene
Concen: 107.48 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU043049.D
Acq: 13 Apr 2021 14:18

Instrument :
MSVOA_U
ClientSampleId :
TRE-1170



Tgt Ion:128 Resp: 937444

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.8	16.2
129	11.1	8.6	13.0

