

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022021\
 Data File : VU042377.D
 Acq On : 19 Feb 2021 21:17
 Operator : SY/MD
 Sample : M1438-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRE-1149-56-58

Quant Time: Feb 20 00:32:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 02:55:52 2021
 Response via : Initial Calibration

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

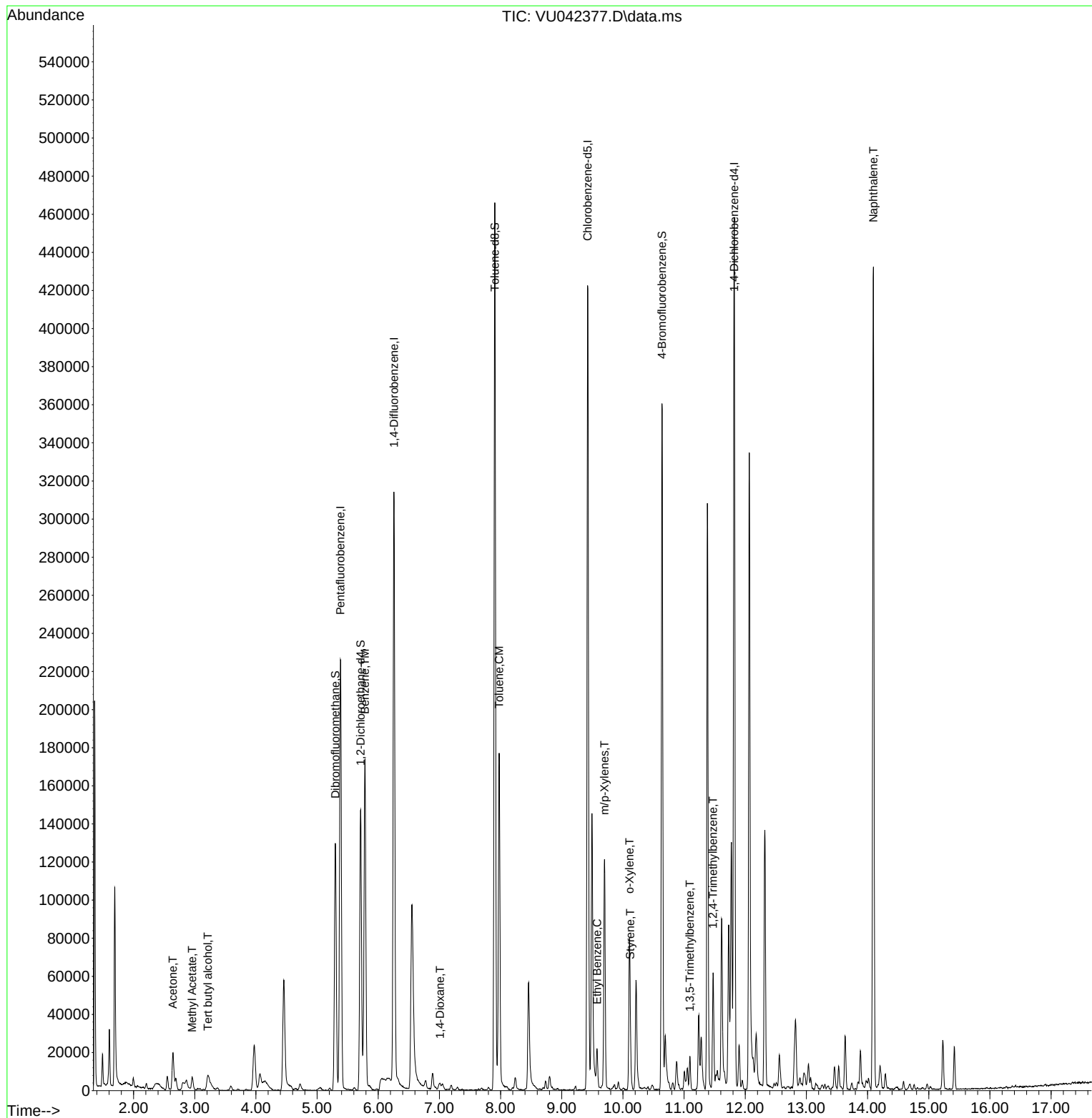
Internal Standards						
1) Pentafluorobenzene	5.382	168	159707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	238448	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	216125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	111971	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	114554	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
35) Dibromofluoromethane	5.298	113	80307	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
50) Toluene-d8	7.906	98	292208	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	10.639	95	109387	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	3.215	59	18453	35.66	ug/l #	92
16) Acetone	2.642	43	27798	18.50	ug/l	99
18) Methyl Acetate	2.957	43	8453	3.10	ug/l	98
40) Benzene	5.784	78	144561	21.81	ug/l	99
49) 1,4-Dioxane	7.009	88	3508	68.56	ug/l #	98
52) Toluene	7.976	92	67412	16.49	ug/l	99
67) Ethyl Benzene	9.578	91	13215	1.70	ug/l	97
68) m/p-Xylenes	9.700	106	31993	11.10	ug/l	99
69) o-Xylene	10.108	106	17593	6.24	ug/l	93
70) Styrene	10.121	104	8130	1.73	ug/l #	75
80) 1,3,5-Trimethylbenzene	11.095	105	7963	1.24	ug/l	96
84) 1,2,4-Trimethylbenzene	11.475	105	26819	4.18	ug/l	76
95) Naphthalene	14.095	128	324374	43.54	ug/l	99

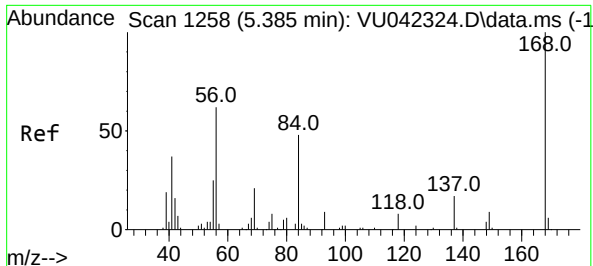
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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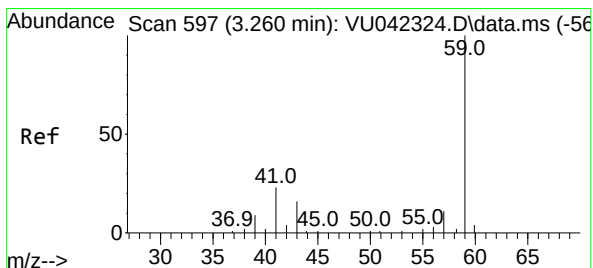
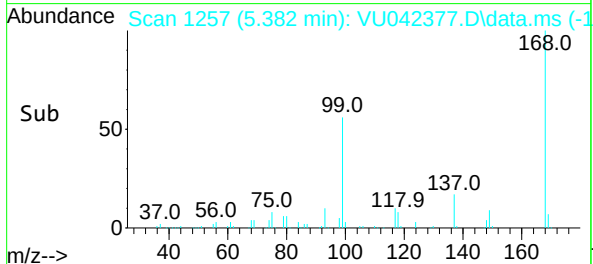
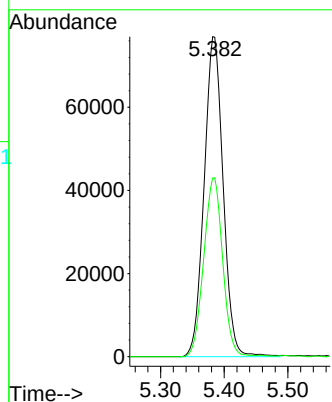
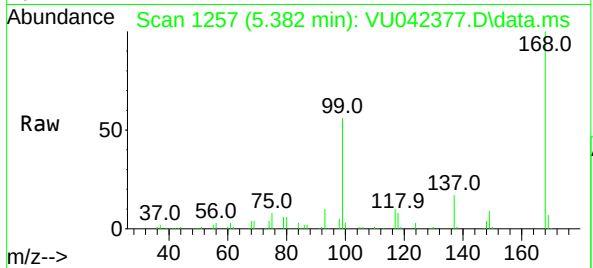




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042377.D
Acq: 19 Feb 2021 21:17

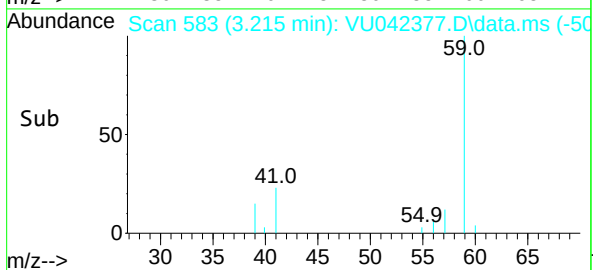
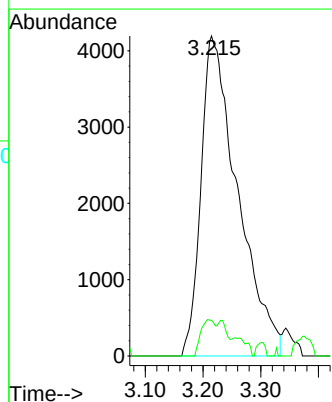
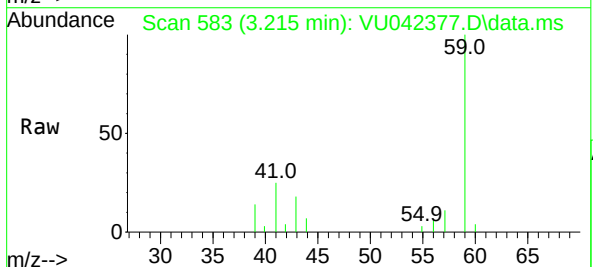
Instrument :
MSVOA_U
ClientSampleId :
TRE-1149-56-58

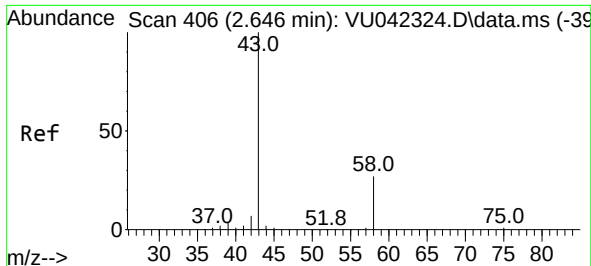
Tgt Ion:168 Resp: 159707
Ion Ratio Lower Upper
168 100
99 55.8 45.0 67.4



#11
Tert butyl alcohol
Concen: 35.66 ug/l
RT: 3.215 min Scan# 583
Delta R.T. -0.045 min
Lab File: VU042377.D
Acq: 19 Feb 2021 21:17

Tgt Ion: 59 Resp: 18453
Ion Ratio Lower Upper
59 100
57 4.7 1.6 2.4#

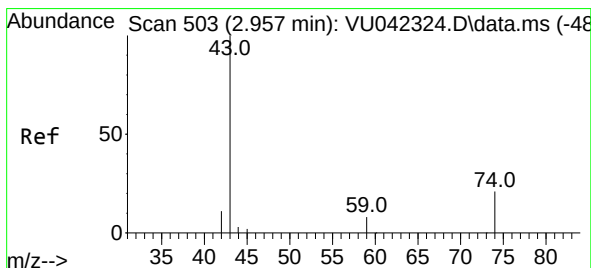
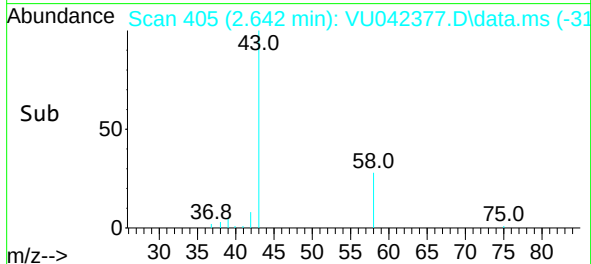
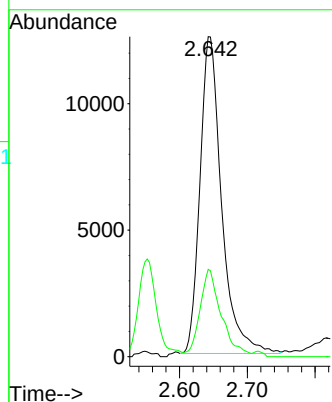
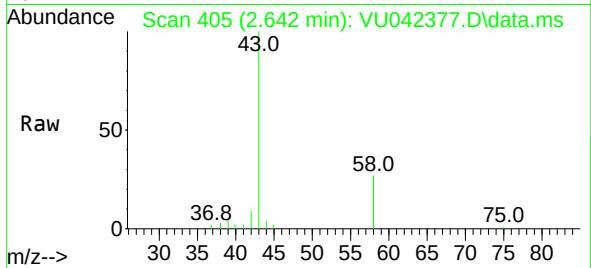




#16
Acetone
Concen: 18.50 ug/l
RT: 2.642 min Scan# 405
Delta R.T. -0.003 min
Lab File: VU042377.D
Acq: 19 Feb 2021 21:17

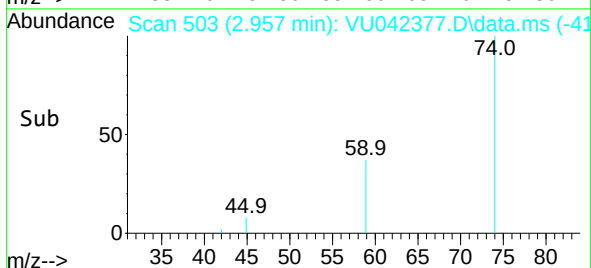
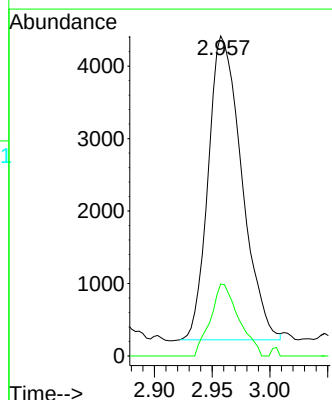
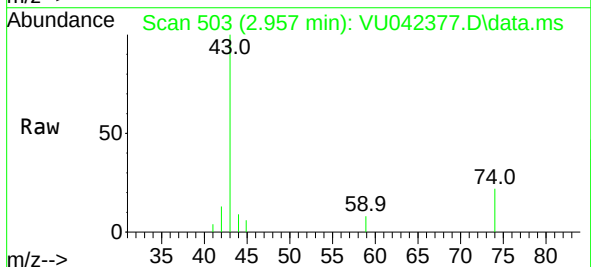
Instrument :
MSVOA_U
ClientSampleId :
TRE-1149-56-58

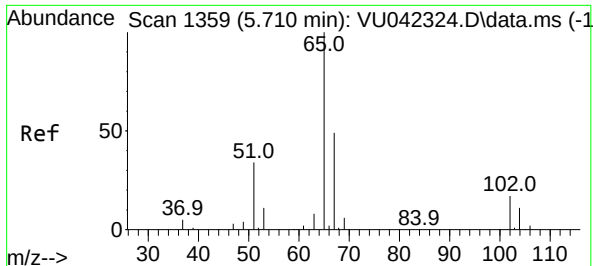
Tgt Ion: 43 Resp: 27798
Ion Ratio Lower Upper
43 100
58 27.6 21.5 32.3



#18
Methyl Acetate
Concen: 3.10 ug/l
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU042377.D
Acq: 19 Feb 2021 21:17

Tgt Ion: 43 Resp: 8453
Ion Ratio Lower Upper
43 100
74 19.9 16.6 25.0





#33

1,2-Dichloroethane-d4

Concen: 47.30 ug/l

RT: 5.713 min Scan# 1360

Delta R.T. 0.003 min

Lab File: VU042377.D

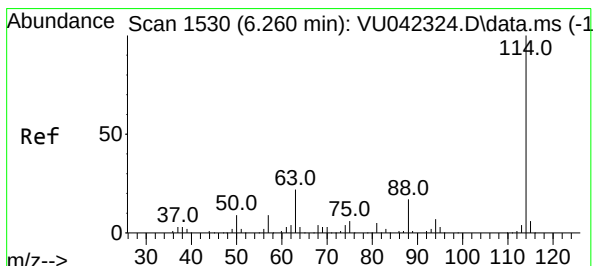
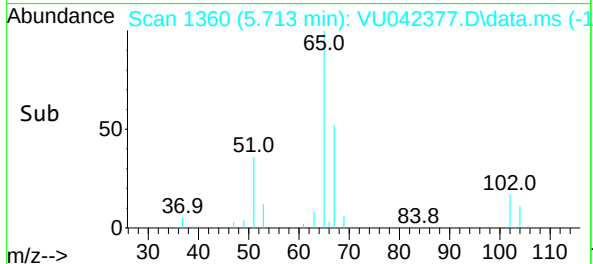
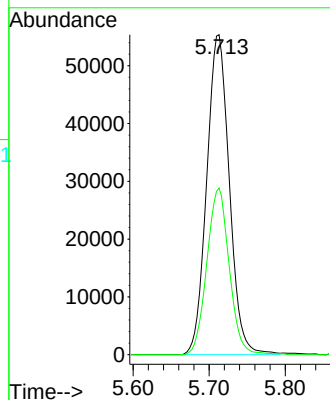
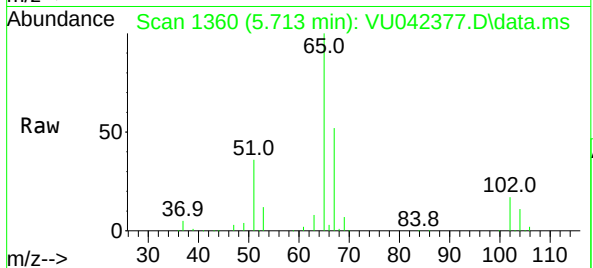
Acq: 19 Feb 2021 21:17

Tgt Ion: 65 Resp: 114554

Ion Ratio Lower Upper

65 100

67 51.4 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. -0.003 min

Lab File: VU042377.D

Acq: 19 Feb 2021 21:17

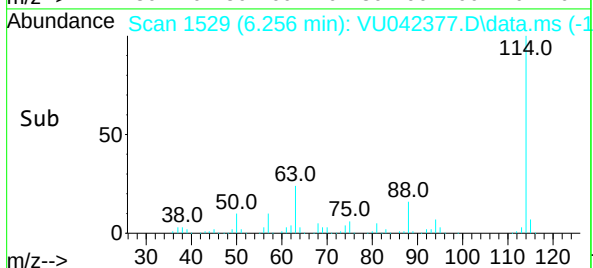
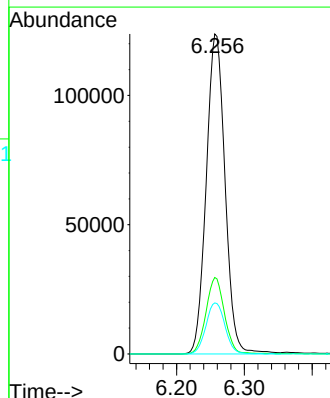
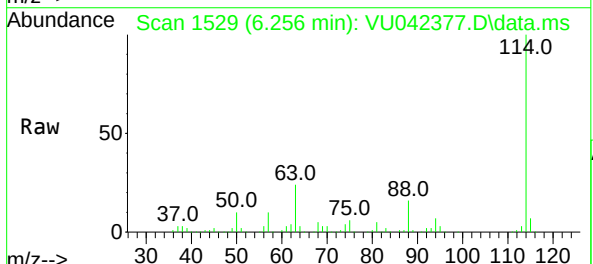
Tgt Ion: 114 Resp: 238448

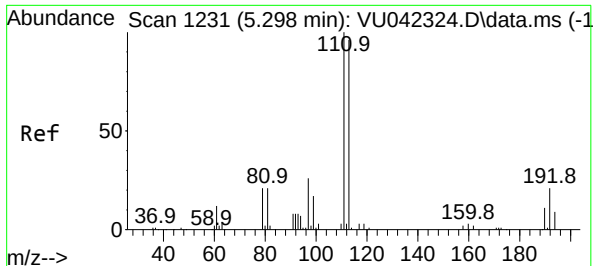
Ion Ratio Lower Upper

114 100

63 23.9 0.0 44.2

88 15.9 0.0 33.4

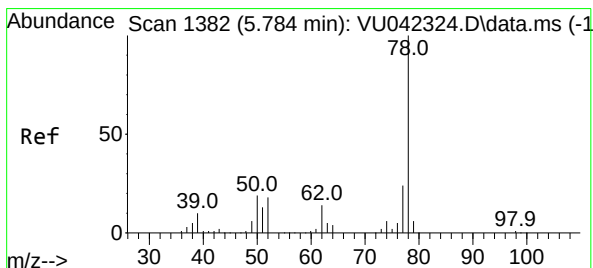
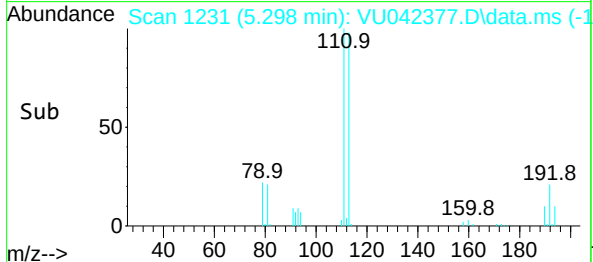
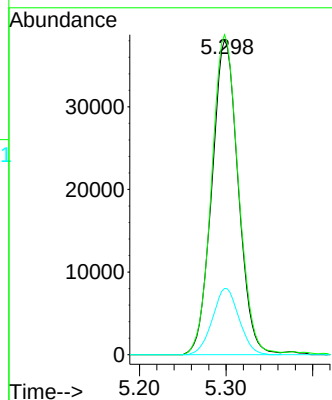
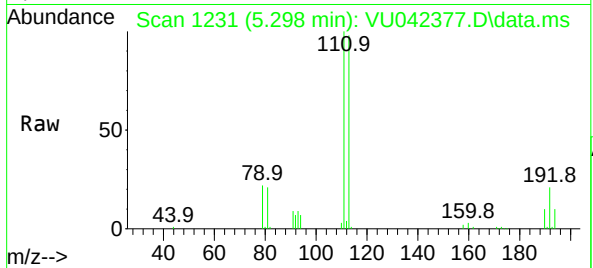




#35
Dibromofluoromethane
Concen: 47.72 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042377.D
Acq: 19 Feb 2021 21:17

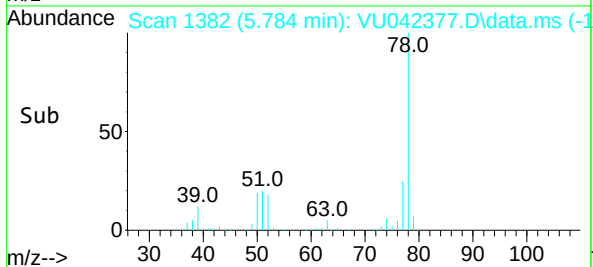
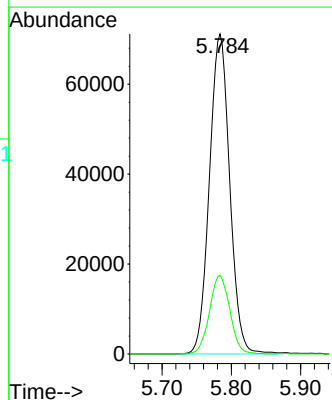
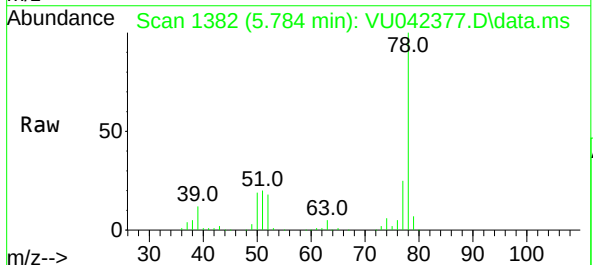
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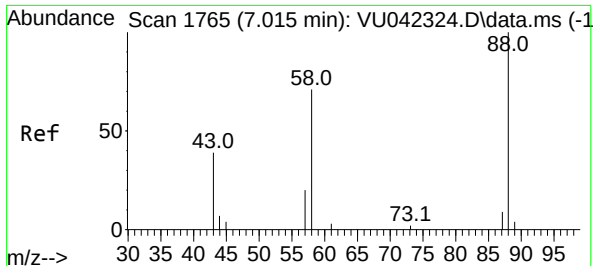
Tgt Ion:113 Resp: 80307
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 21.3 17.2 25.8



#40
Benzene
Concen: 21.81 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042377.D
Acq: 19 Feb 2021 21:17

Tgt Ion: 78 Resp: 144561
Ion Ratio Lower Upper
78 100
77 24.5 19.3 28.9

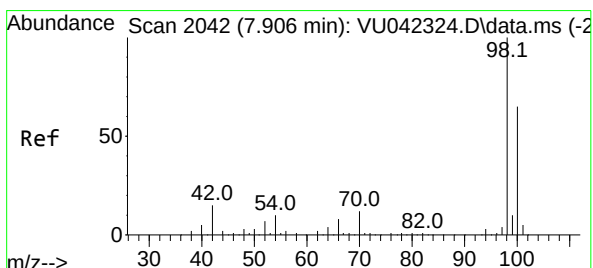
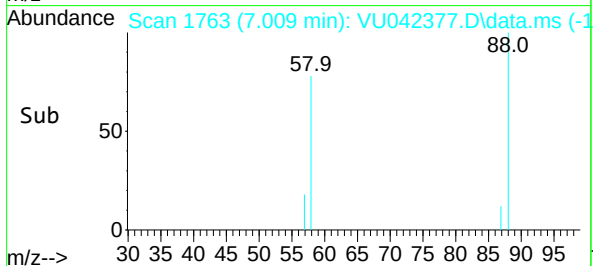
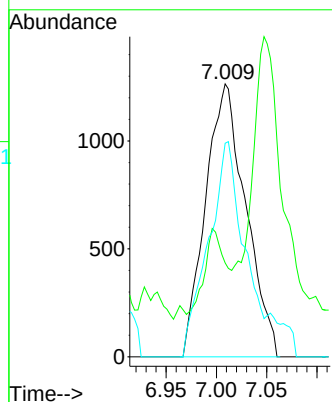
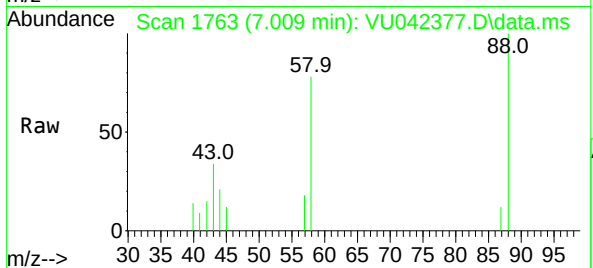




#49
1,4-Dioxane
Concen: 68.56 ug/l
RT: 7.009 min Scan# 1763
Delta R.T. -0.007 min
Lab File: VU042377.D
Acq: 19 Feb 2021 21:17

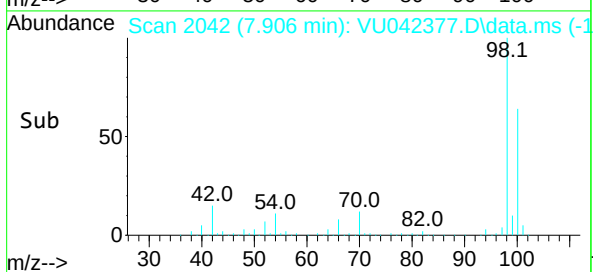
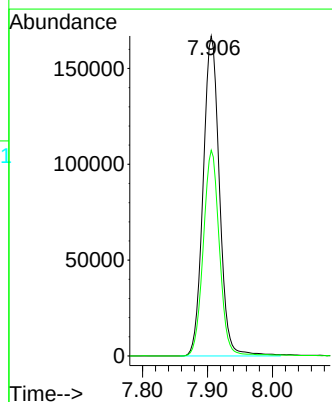
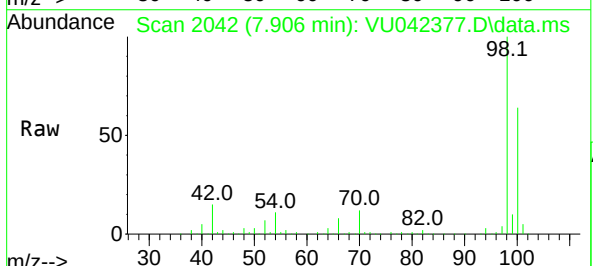
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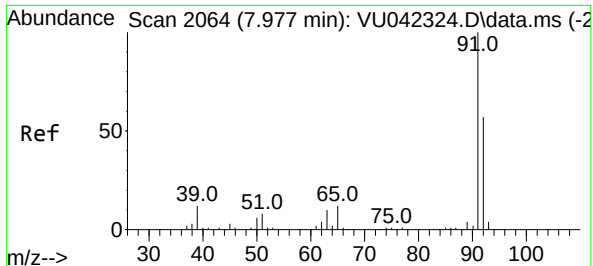
Tgt Ion: 88 Resp: 3508
Ion Ratio Lower Upper
88 100
43 15.3 0.0 0.0#
58 77.4 60.4 90.6



#50
Toluene-d8
Concen: 48.48 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042377.D
Acq: 19 Feb 2021 21:17

Tgt Ion: 98 Resp: 292208
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2

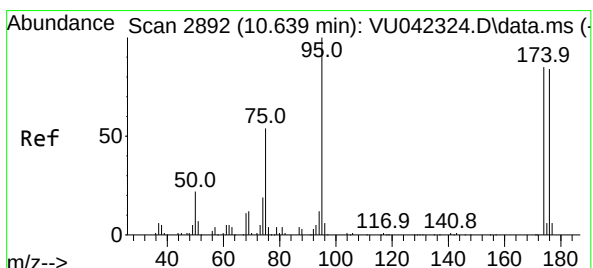
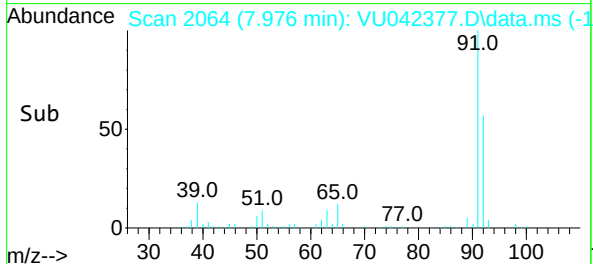
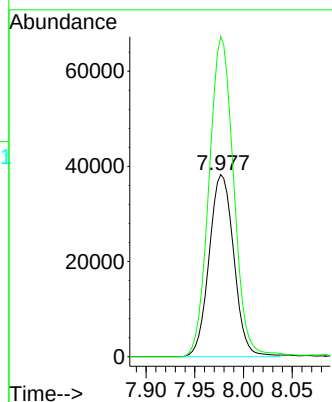
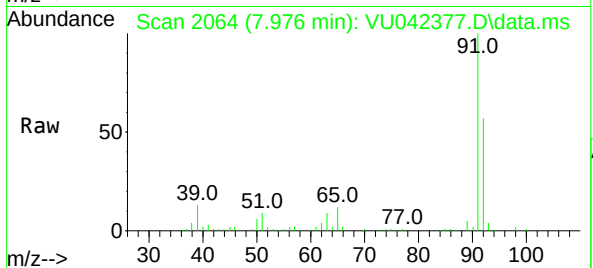




#52
Toluene
Concen: 16.49 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042377.D
Acq: 19 Feb 2021 21:17

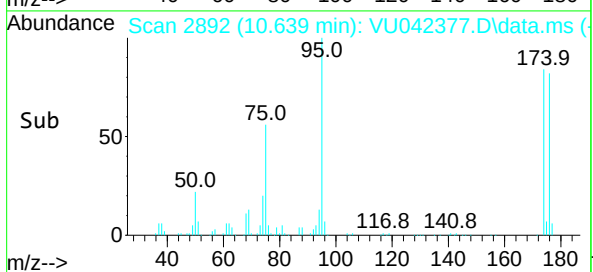
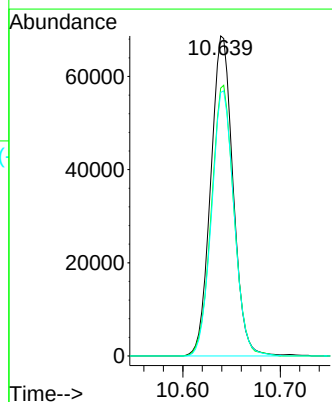
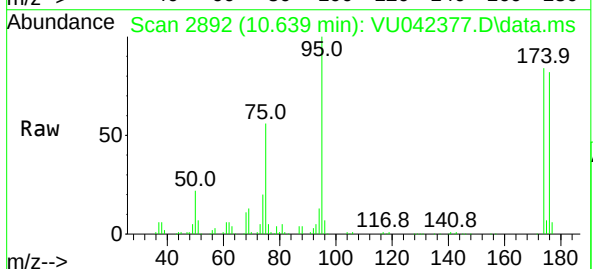
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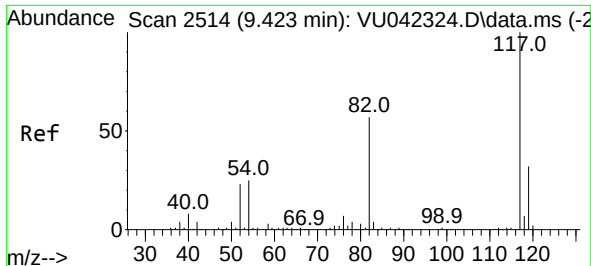
Tgt Ion: 92 Resp: 67412
Ion Ratio Lower Upper
92 100
91 176.4 140.3 210.5



#62
4-Bromofluorobenzene
Concen: 46.04 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042377.D
Acq: 19 Feb 2021 21:17

Tgt Ion: 95 Resp: 109387
Ion Ratio Lower Upper
95 100
174 85.2 0.0 172.2
176 83.4 0.0 168.8

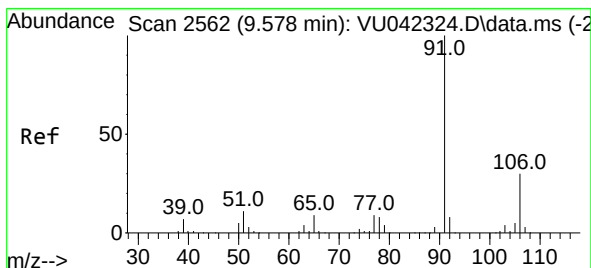
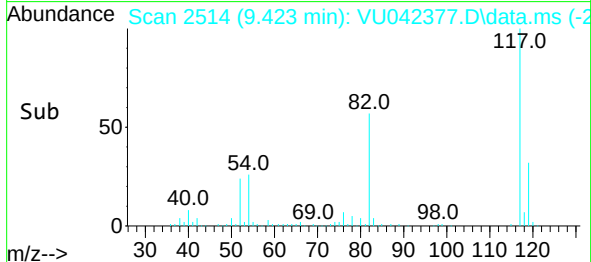
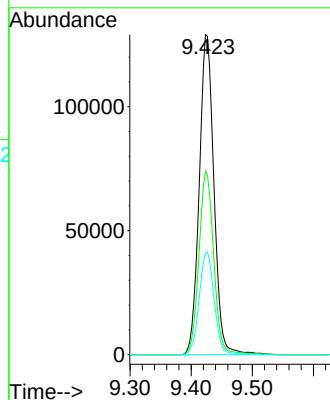
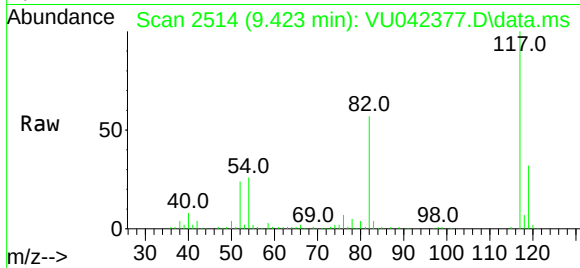




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU042377.D
Acq: 19 Feb 2021 21:17

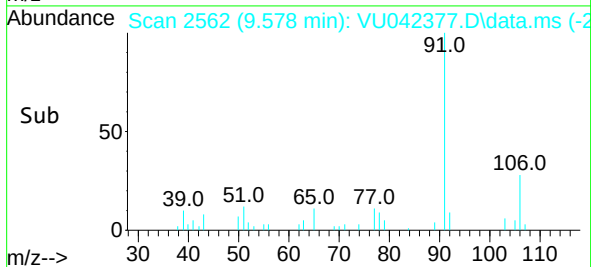
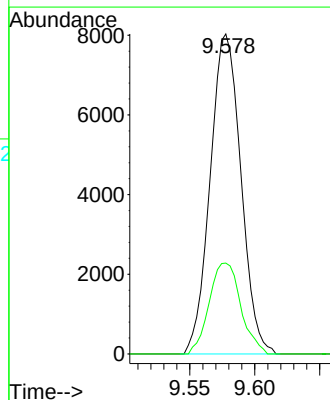
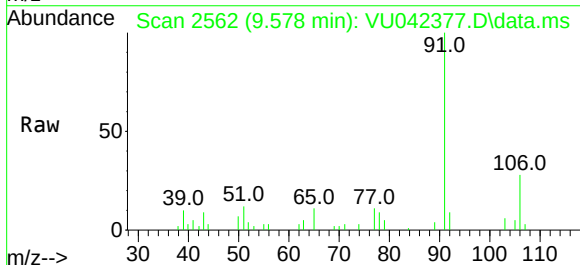
Instrument :
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TRE-1149-56-58

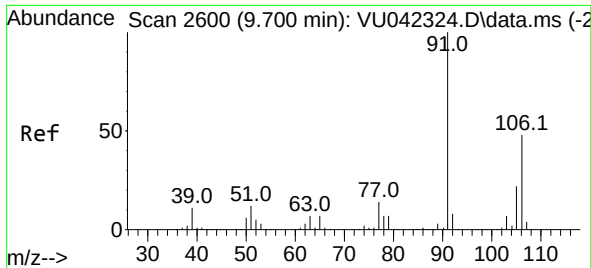
Tgt Ion:	117	Resp:	216125
Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.8	68.6
119	31.9	25.8	38.8



#67
Ethyl Benzene
Concen: 1.70 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042377.D
Acq: 19 Feb 2021 21:17

Tgt Ion:	91	Resp:	13215
Ion	Ratio	Lower	Upper
91	100		
106	28.4	24.1	36.1

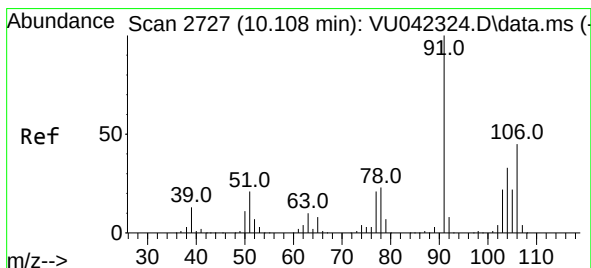
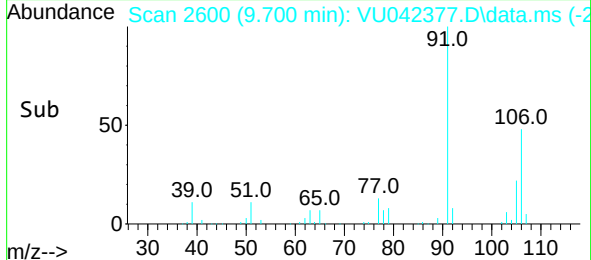
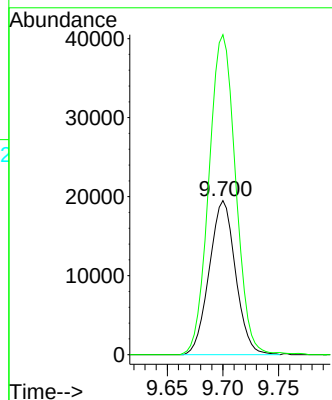
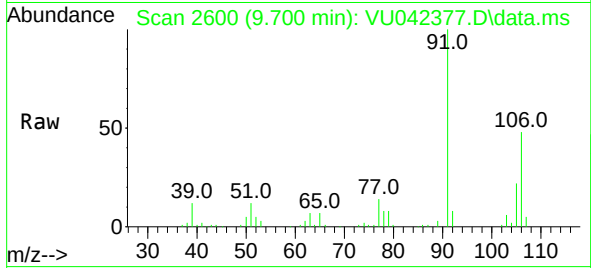




#68
m/p-Xylenes
Concen: 11.10 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU042377.D
Acq: 19 Feb 2021 21:17

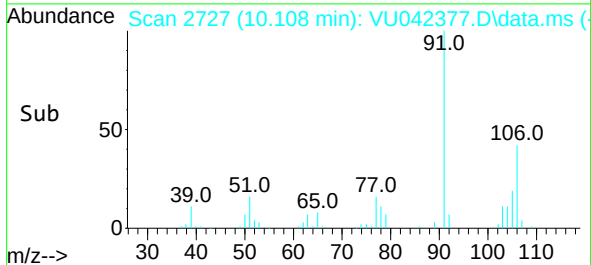
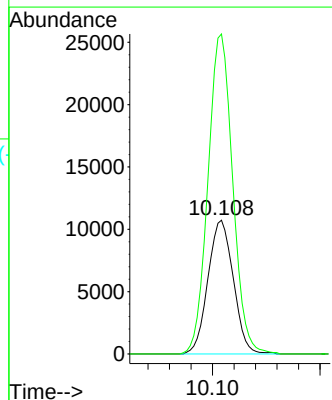
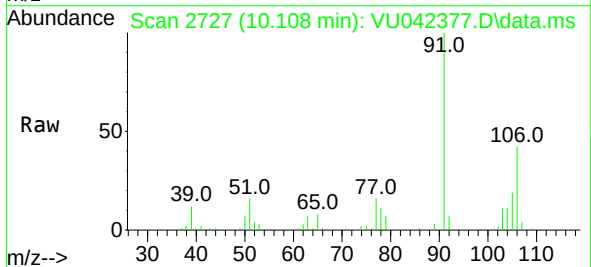
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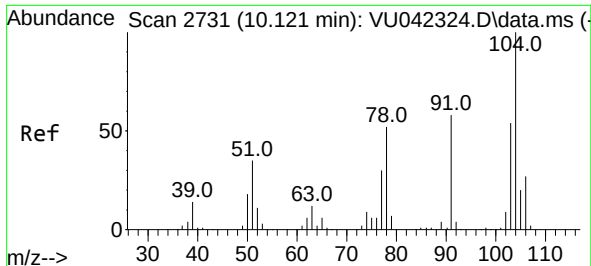
Tgt Ion:106 Resp: 31993
Ion Ratio Lower Upper
106 100
91 210.4 169.9 254.9



#69
o-Xylene
Concen: 6.24 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042377.D
Acq: 19 Feb 2021 21:17

Tgt Ion:106 Resp: 17593
Ion Ratio Lower Upper
106 100
91 233.1 111.2 333.6

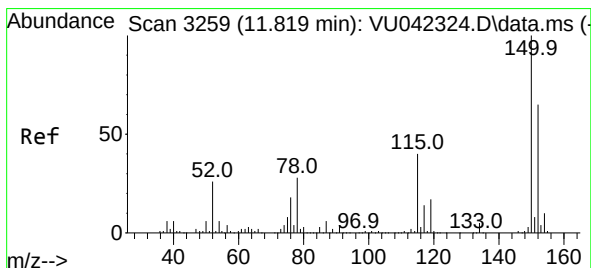
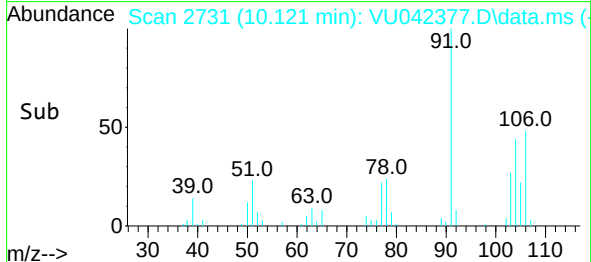
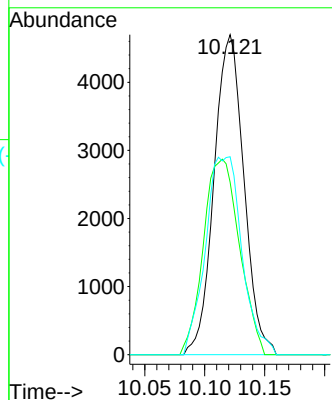
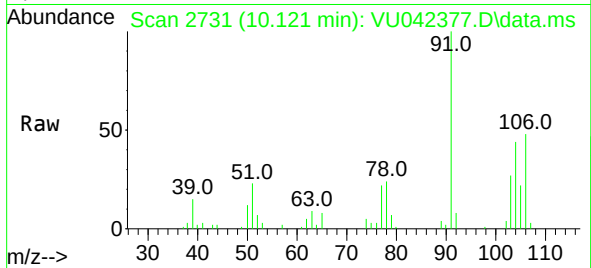




#70
Styrene
Concen: 1.73 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU042377.D
Acq: 19 Feb 2021 21:17

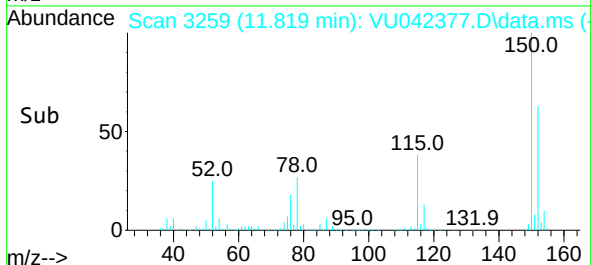
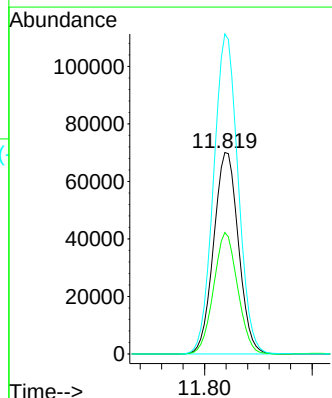
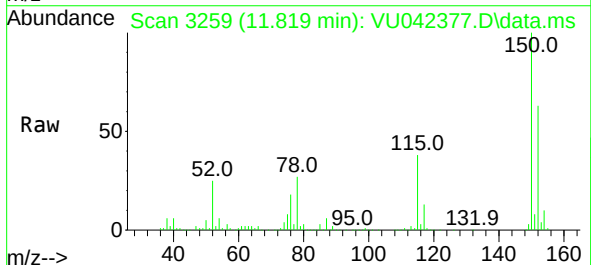
Instrument :
MSVOA_U
ClientSampleId :
TRE-1149-56-58

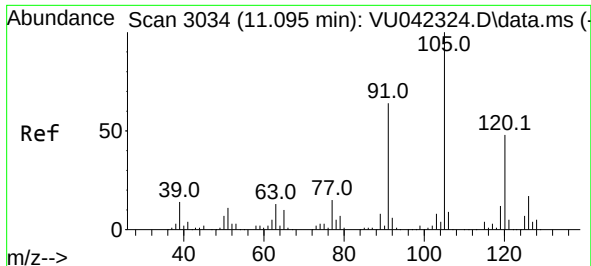
Tgt Ion:104 Resp: 8130
Ion Ratio Lower Upper
104 100
78 73.7 44.8 67.2#
103 75.6 45.7 68.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042377.D
Acq: 19 Feb 2021 21:17

Tgt Ion:152 Resp: 111971
Ion Ratio Lower Upper
152 100
115 58.6 41.5 124.6
150 157.4 0.0 342.4

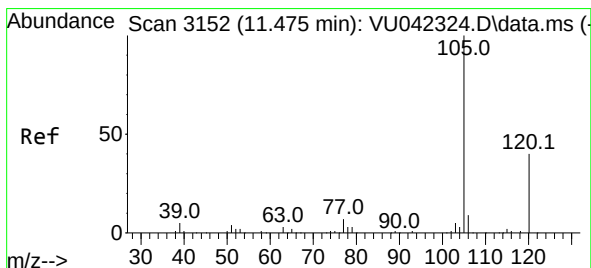
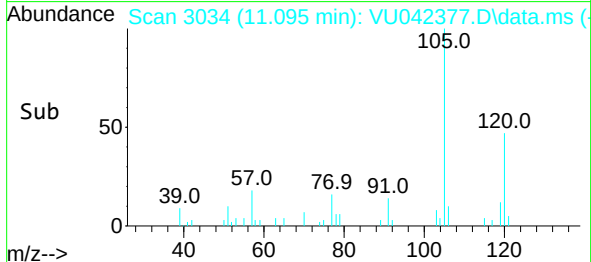
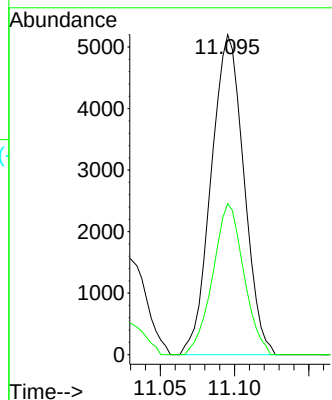
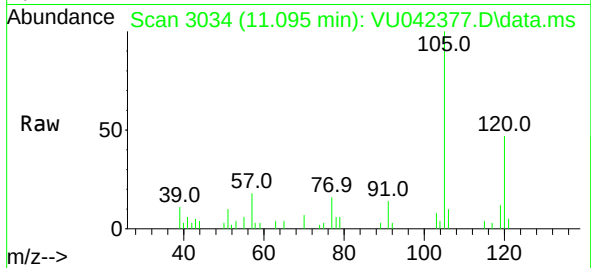




#80
1,3,5-Trimethylbenzene
Concen: 1.24 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042377.D
Acq: 19 Feb 2021 21:17

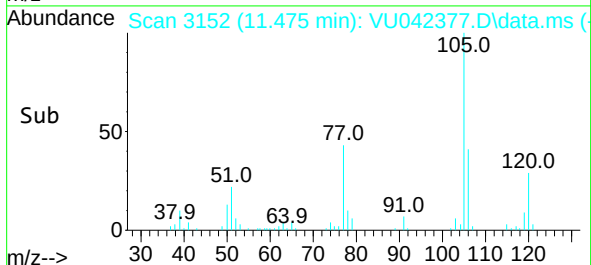
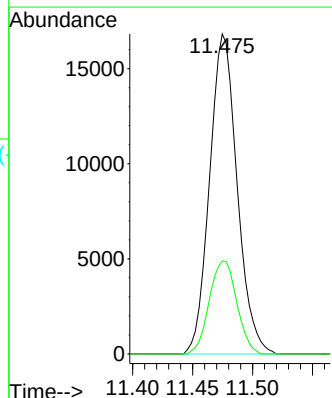
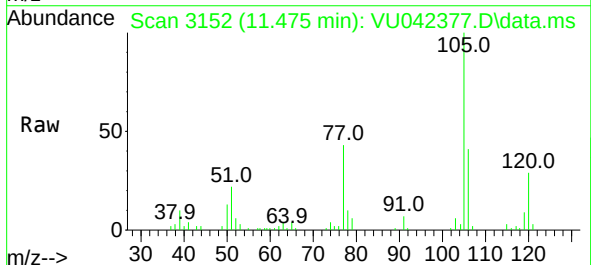
Instrument :
MSVOA_U
ClientSampleId :
TRE-1149-56-58

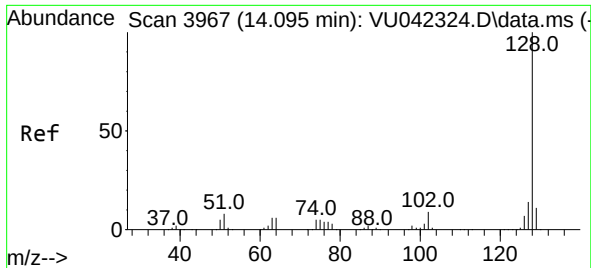
Tgt Ion:105 Resp: 7963
Ion Ratio Lower Upper
105 100
120 44.7 23.8 71.4



#84
1,2,4-Trimethylbenzene
Concen: 4.18 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042377.D
Acq: 19 Feb 2021 21:17

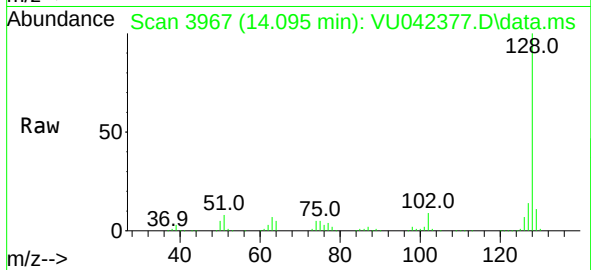
Tgt Ion:105 Resp: 26819
Ion Ratio Lower Upper
105 100
120 28.9 22.3 66.8





#95
Naphthalene
Concen: 43.54 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042377.D
Acq: 19 Feb 2021 21:17

Instrument :
MSVOA_U
ClientSampleId :
TRE-1149-56-58



Tgt Ion:128 Resp: 324374
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 11.1 8.6 13.0

