

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
 Data File : VU043091.D
 Acq On : 14 Apr 2021 13:59
 Operator : SY/MD
 Sample : M1983-01MEDL 10X
 Misc : 2.26g/5mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 41018ME

Quant Time: Apr 15 02:04:30 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)

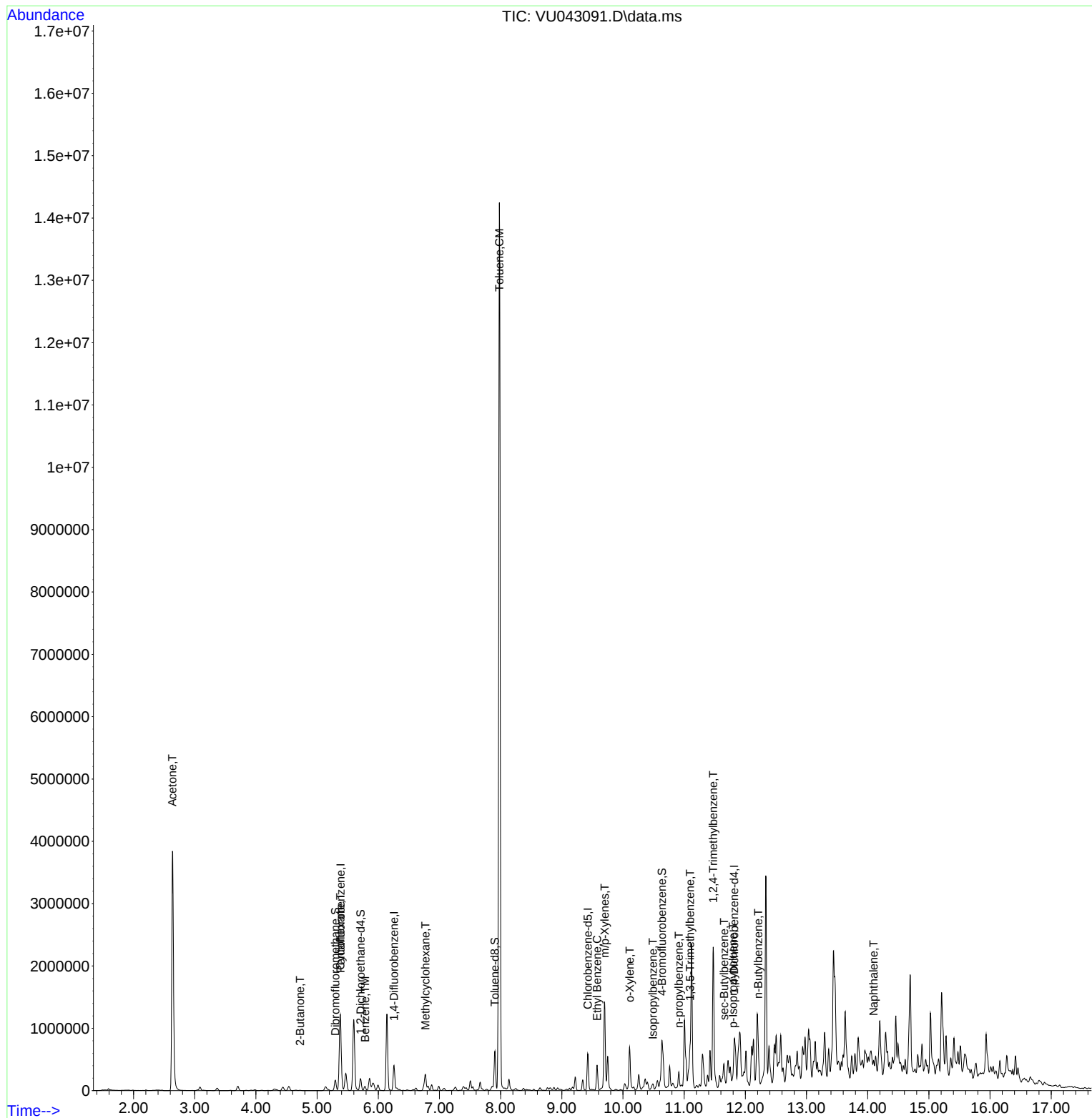
Internal Standards						
1) Pentafluorobenzene	5.382	168	187898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	306031	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	298917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	158897	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	146885	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
35) Dibromofluoromethane	5.298	113	103420	44.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.94%	
50) Toluene-d8	7.906	98	390973	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	10.639	95	159433	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
Target Compounds					Qvalue	
16) Acetone	2.636	43	5060529	2725.25	ug/l	100
25) 2-Butanone	4.723	43	9541	3.33	ug/l	93
31) Cyclohexane	5.379	56	204015	52.36	ug/l #	58
39) Methylcyclohexane	6.771	83	101989	28.57	ug/l	97
40) Benzene	5.784	78	57866	6.24	ug/l	96
52) Toluene	7.980	92	5582076	970.61	ug/l	99
67) Ethyl Benzene	9.578	91	255152	22.05	ug/l	100
68) m/p-Xylenes	9.700	106	373968	87.37	ug/l	100
69) o-Xylene	10.108	106	165297	39.56	ug/l	99
73) Isopropylbenzene	10.491	105	44062	4.13	ug/l	100
78) n-propylbenzene	10.912	91	194351	15.22	ug/l	98
80) 1,3,5-Trimethylbenzene	11.096	105	286167	30.40	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	1104898	114.22	ug/l	99
85) sec-Butylbenzene	11.652	105	72306	6.67	ug/l	99
86) p-Isopropyltoluene	11.800	119	47591	4.77	ug/l	99
89) n-Butylbenzene	12.211	91	210466	22.50	ug/l #	42
95) Naphthalene	14.095	128	138308	14.11	ug/l #	94

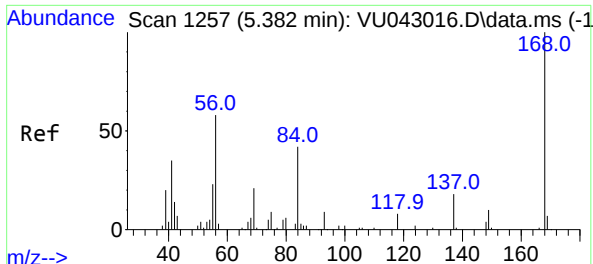
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
Data File : VU043091.D
Acq On : 14 Apr 2021 13:59
Operator : SY/MD
Sample : M1983-01MEDL 10X
Misc : 2.26g/5mL/100uL/5.00mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
41018ME

Quant Time: Apr 15 02:04:30 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

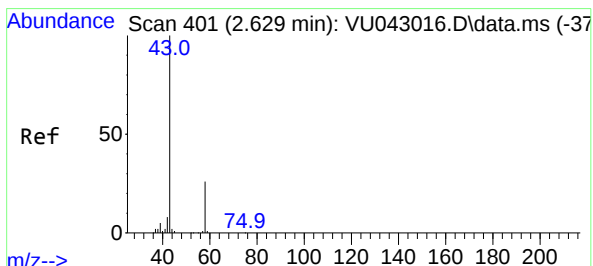
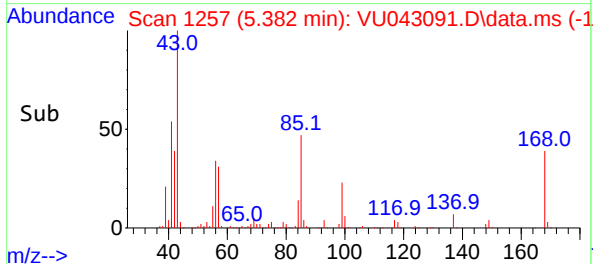
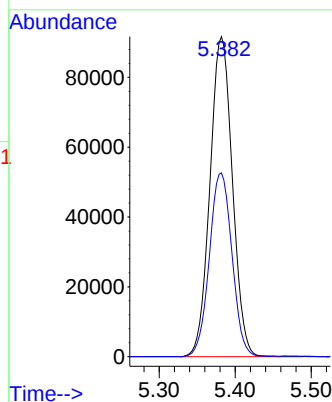
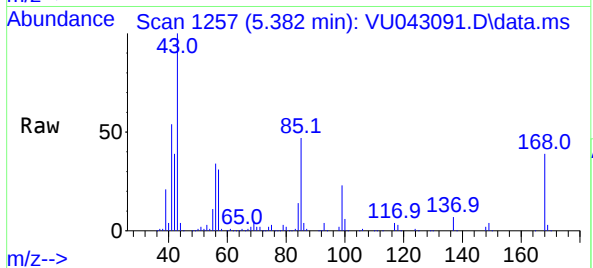




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

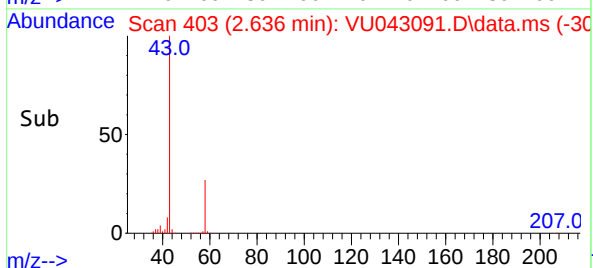
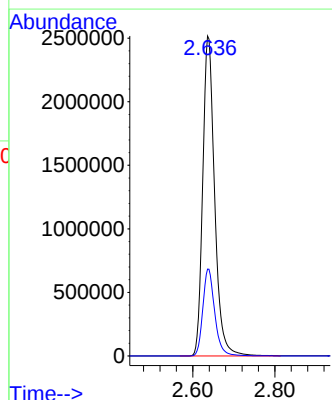
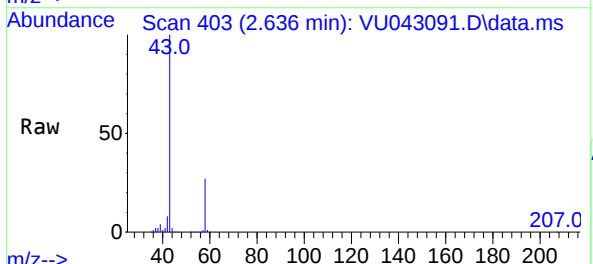
Instrument :
MSVOA_U
ClientSampleId :
41018ME

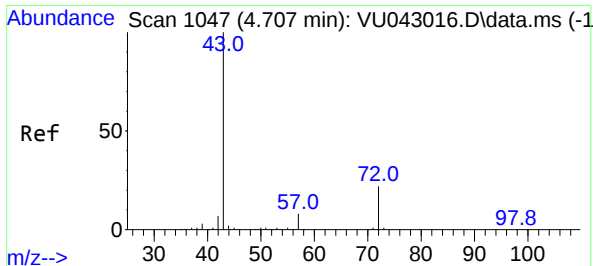
Tgt Ion:168 Resp: 187898
Ion Ratio Lower Upper
168 100
99 57.4 45.0 67.4



#16
Acetone
Concen: 2725.25 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.007 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

Tgt Ion: 43 Resp: 5060529
Ion Ratio Lower Upper
43 100
58 27.2 21.5 32.3

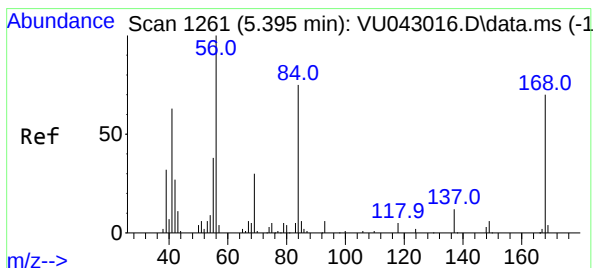
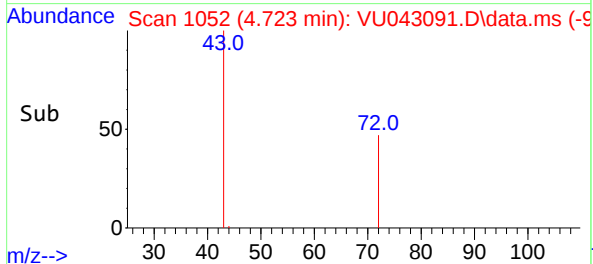
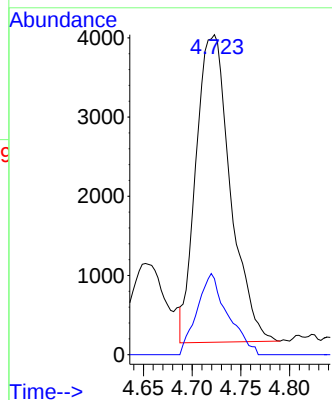
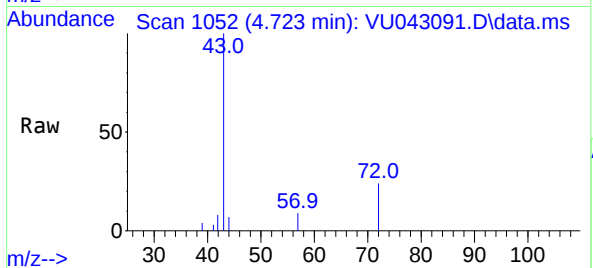




#25
2-Butanone
Concen: 3.33 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.016 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

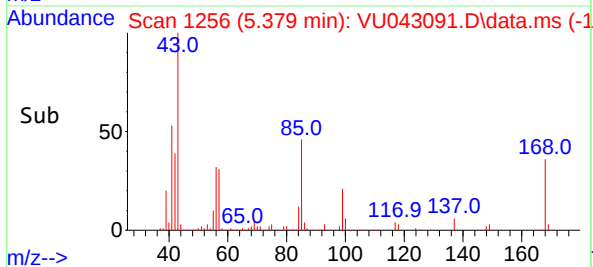
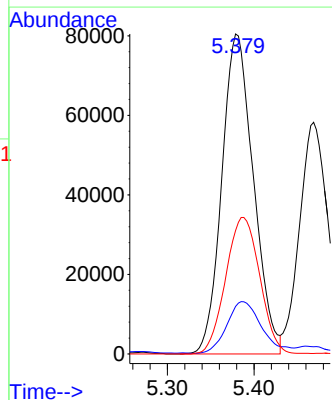
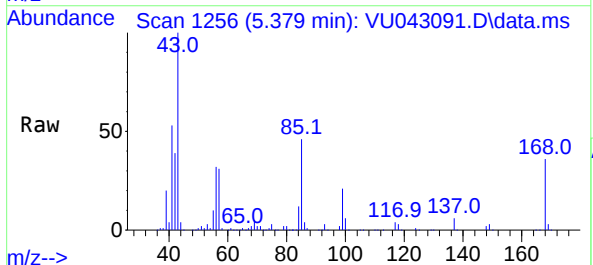
Instrument :
MSVOA_U
ClientSampleId :
41018ME

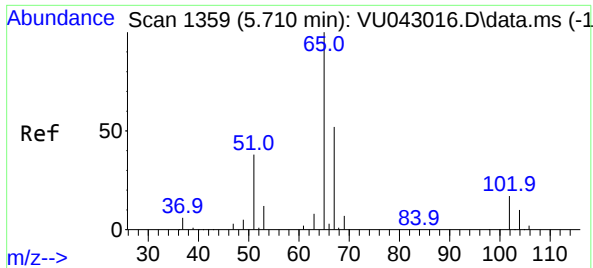
Tgt Ion: 43 Resp: 9541
Ion Ratio Lower Upper
43 100
72 24.8 17.4 26.0



#31
Cyclohexane
Concen: 52.36 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

Tgt Ion: 56 Resp: 204015
Ion Ratio Lower Upper
56 100
69 14.5 24.9 37.3#
84 38.6 63.7 95.5#

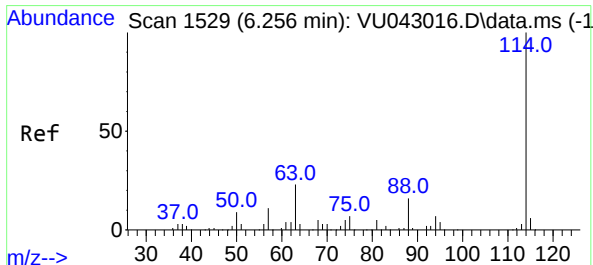
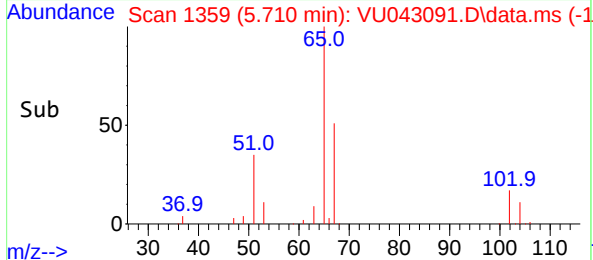
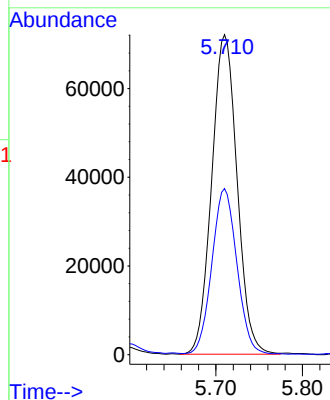
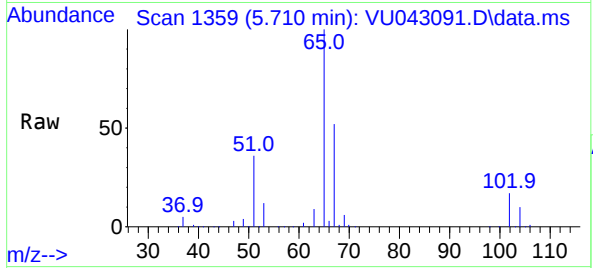




#33
1,2-Dichloroethane-d4
Concen: 46.50 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

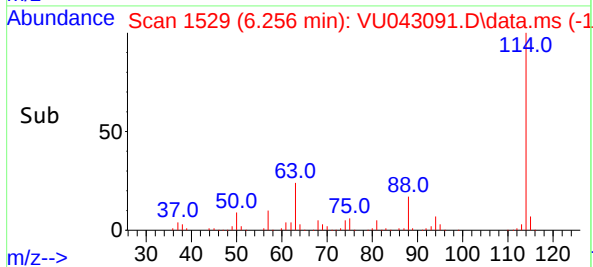
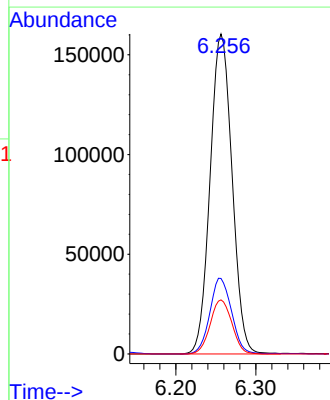
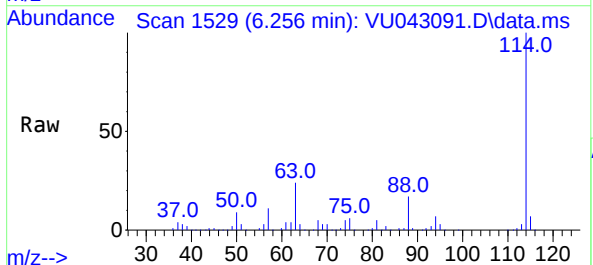
Instrument :
MSVOA_U
ClientSampleId :
41018ME

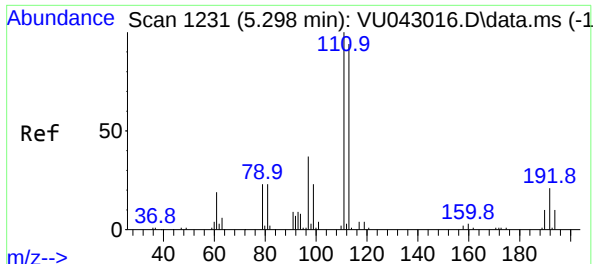
Tgt Ion: 65 Resp: 146885
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

Tgt Ion: 114 Resp: 306031
Ion Ratio Lower Upper
114 100
63 23.6 0.0 44.2
88 16.9 0.0 33.4

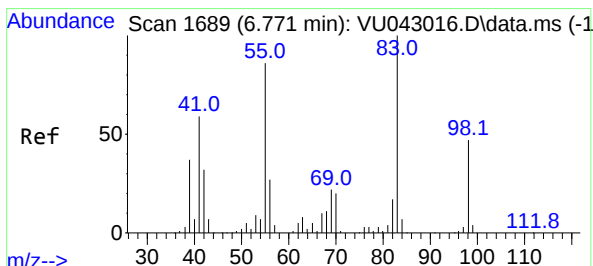
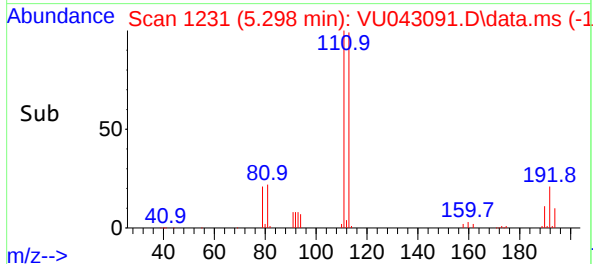
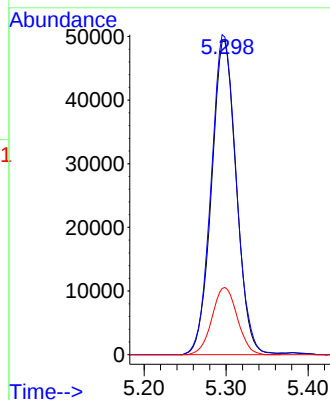
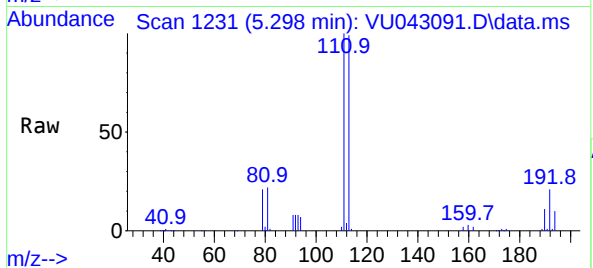




#35
Dibromofluoromethane
Concen: 44.97 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

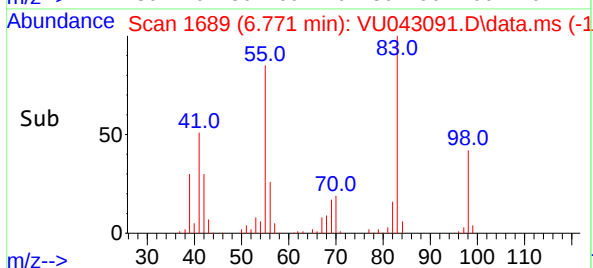
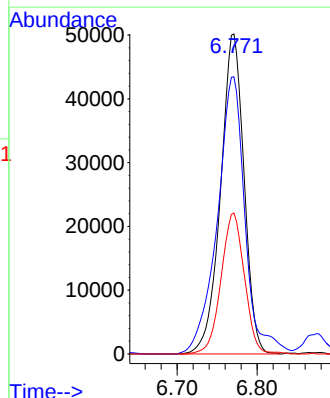
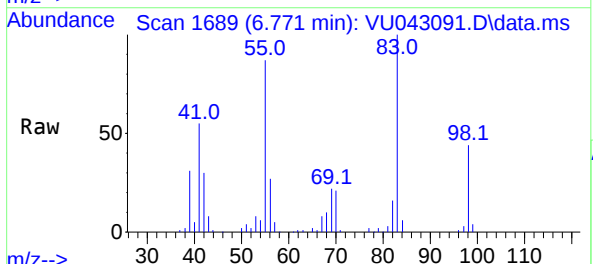
Instrument :
MSVOA_U
ClientSampleId :
41018ME

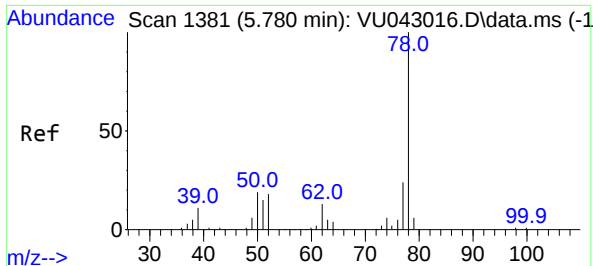
Tgt Ion:113 Resp: 103420
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 21.9 17.2 25.8



#39
Methylcyclohexane
Concen: 28.57 ug/l
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

Tgt Ion: 83 Resp: 101989
Ion Ratio Lower Upper
83 100
55 86.3 66.8 100.2
98 44.1 36.9 55.3

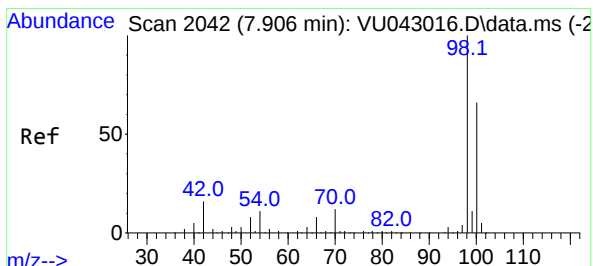
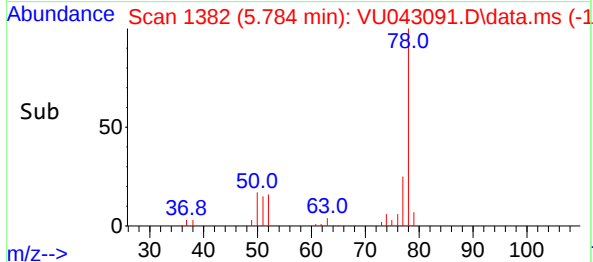
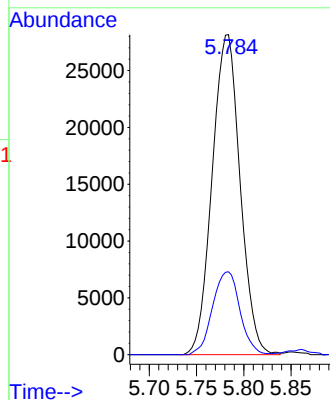
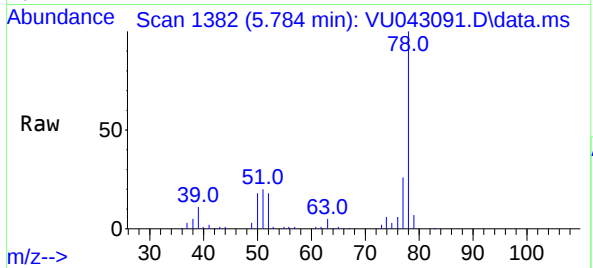




#40
Benzene
Concen: 6.24 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. 0.004 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

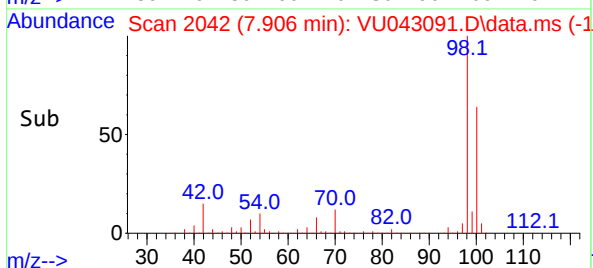
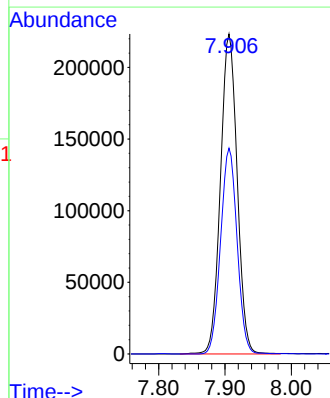
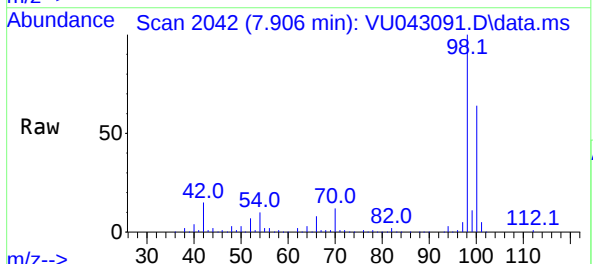
Instrument :
MSVOA_U
ClientSampleId :
41018ME

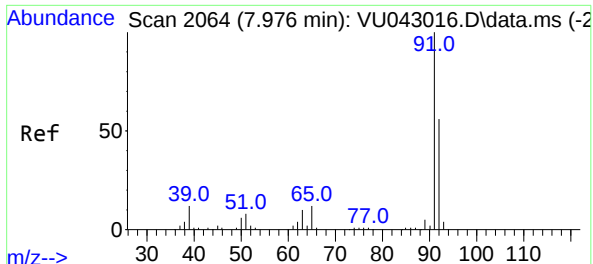
Tgt Ion: 78 Resp: 57866
Ion Ratio Lower Upper
78 100
77 25.9 19.3 28.9



#50
Toluene-d8
Concen: 48.05 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

Tgt Ion: 98 Resp: 390973
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2

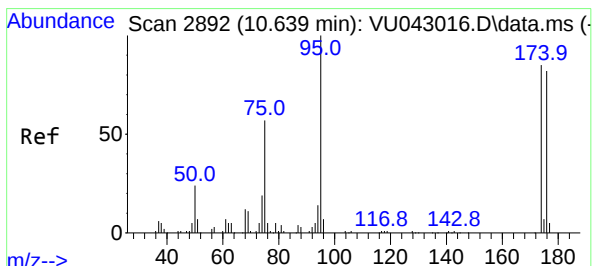
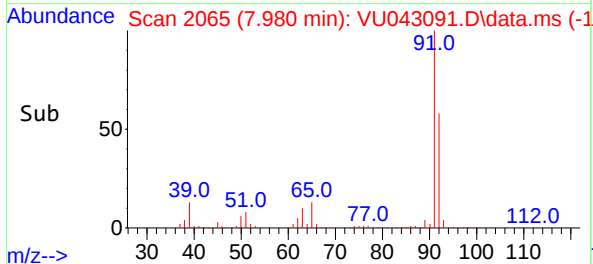
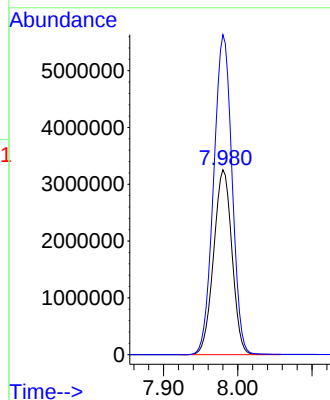
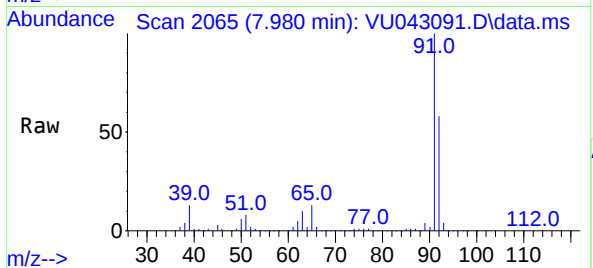




#52
Toluene
Concen: 970.61 ug/l
RT: 7.980 min Scan# 2065
Delta R.T. 0.004 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

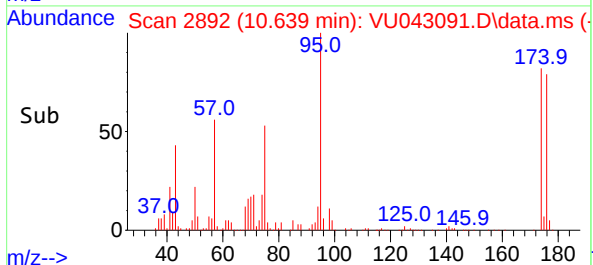
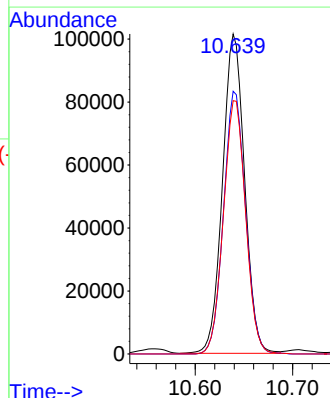
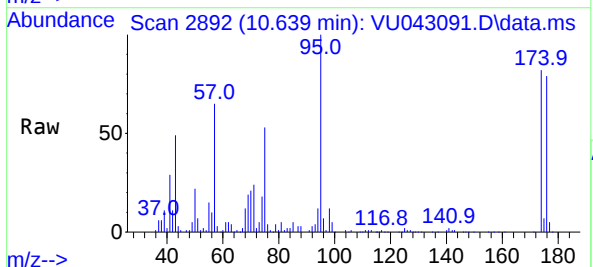
Instrument :
MSVOA_U
ClientSampleId :
41018ME

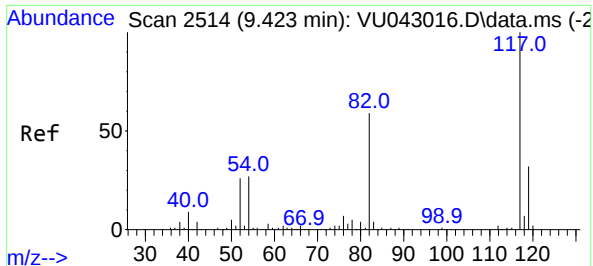
Tgt Ion: 92 Resp: 5582076
Ion Ratio Lower Upper
92 100
91 173.8 140.3 210.5



#62
4-Bromofluorobenzene
Concen: 48.93 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

Tgt Ion: 95 Resp: 159433
Ion Ratio Lower Upper
95 100
174 81.9 0.0 172.2
176 79.9 0.0 168.8

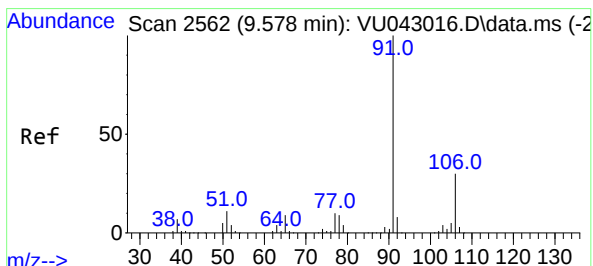
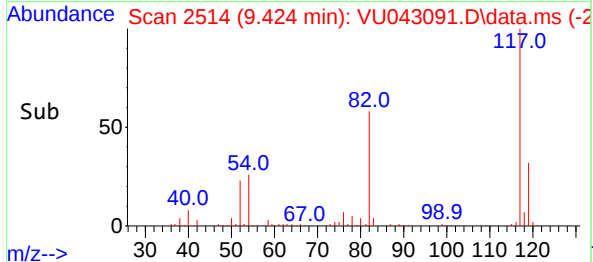
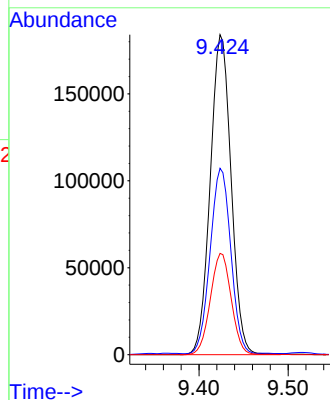
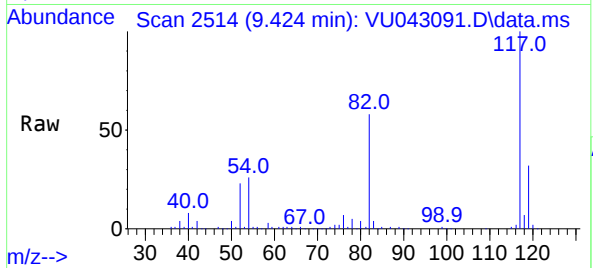




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.424 min Scan# 2514
Delta R.T. 0.001 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

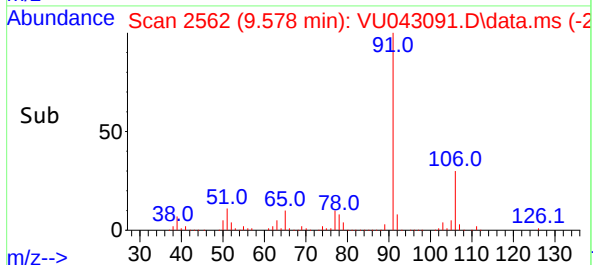
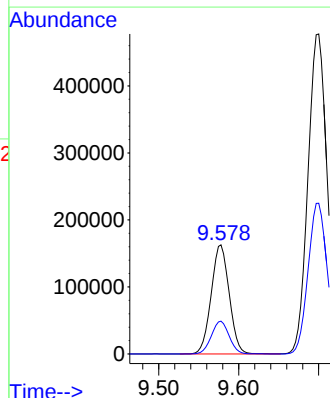
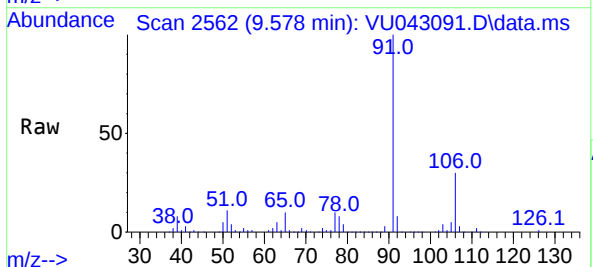
Instrument :
MSVOA_U
ClientSampleId :
41018ME

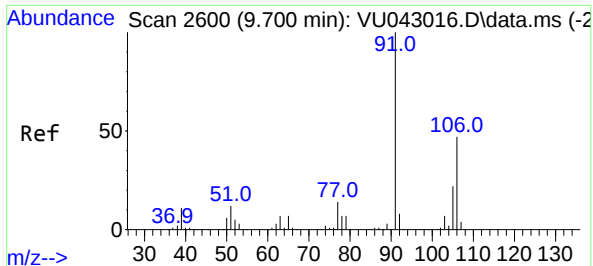
Tgt Ion:117 Resp: 298917
Ion Ratio Lower Upper
117 100
82 57.9 45.8 68.6
119 31.6 25.8 38.8



#67
Ethyl Benzene
Concen: 22.05 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

Tgt Ion: 91 Resp: 255152
Ion Ratio Lower Upper
91 100
106 30.0 24.1 36.1

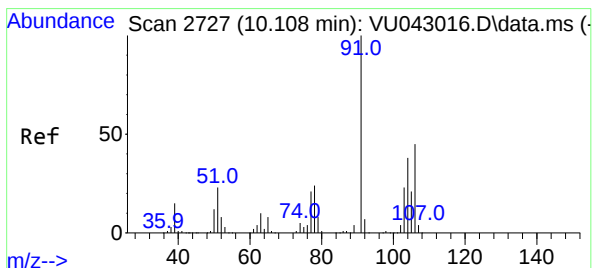
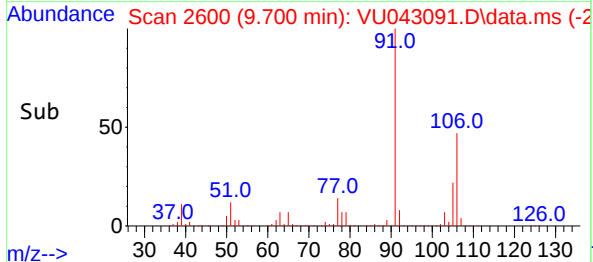
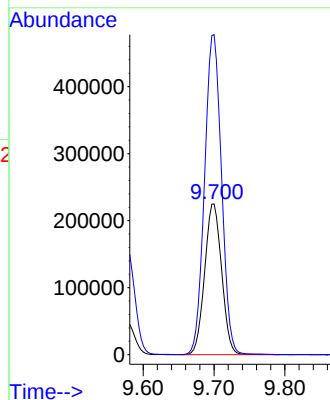
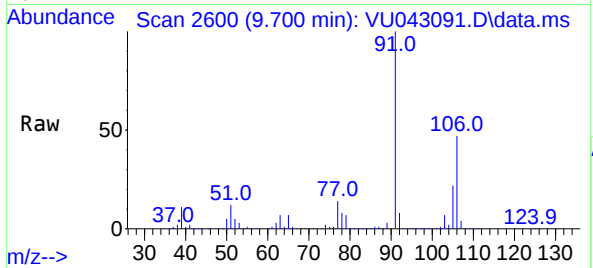




#68
m/p-Xylenes
Concen: 87.37 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

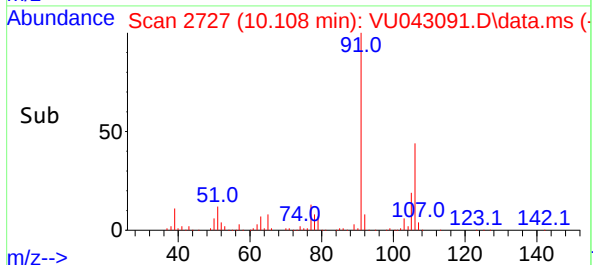
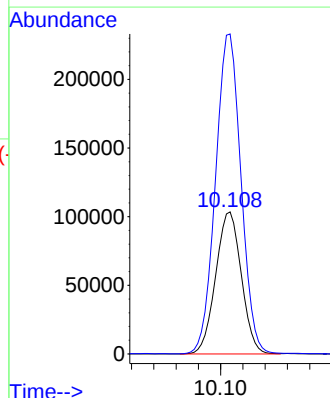
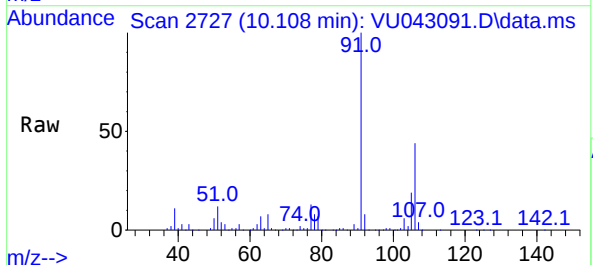
Instrument :
MSVOA_U
ClientSampleId :
41018ME

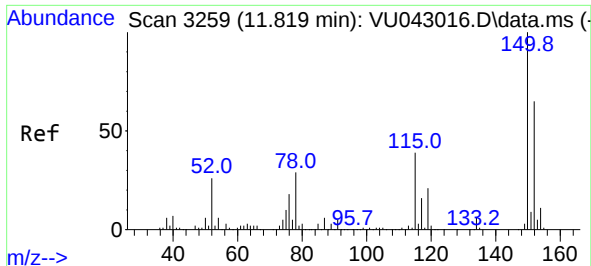
Tgt Ion:106 Resp: 373968
Ion Ratio Lower Upper
106 100
91 212.5 169.9 254.9



#69
o-Xylene
Concen: 39.56 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

Tgt Ion:106 Resp: 165297
Ion Ratio Lower Upper
106 100
91 224.5 111.2 333.6

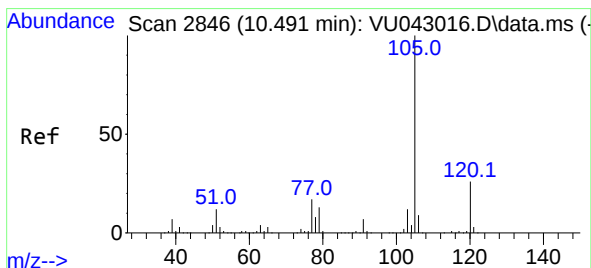
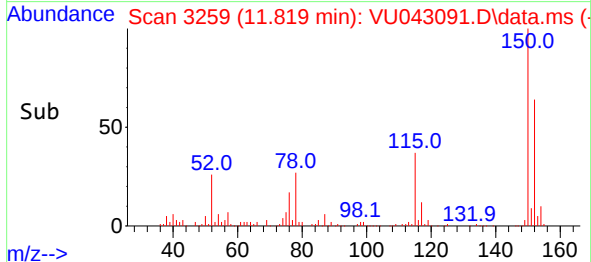
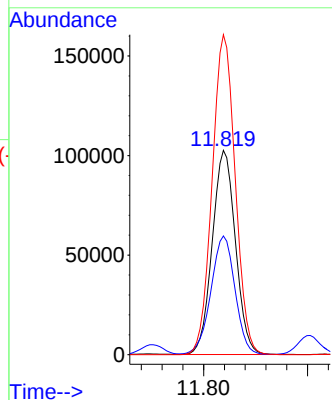
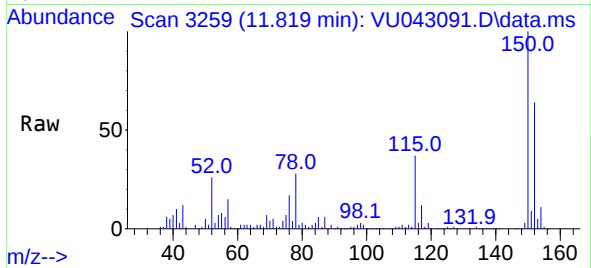




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

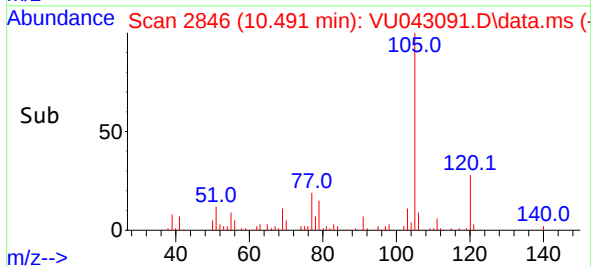
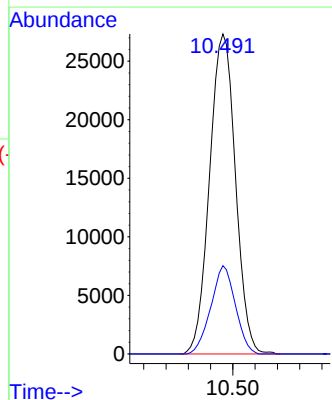
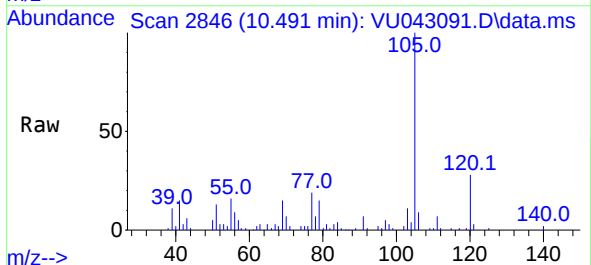
Instrument :
MSVOA_U
ClientSampled :
41018ME

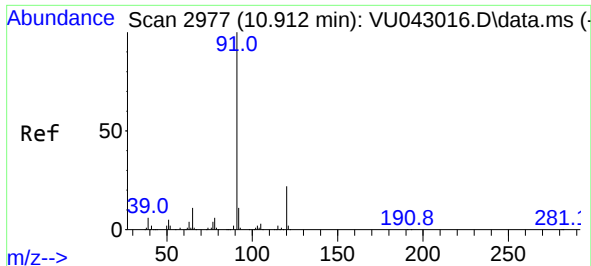
Tgt Ion:152 Resp: 158897
Ion Ratio Lower Upper
152 100
115 60.7 41.5 124.6
150 156.1 0.0 342.4



#73
Isopropylbenzene
Concen: 4.13 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

Tgt Ion:105 Resp: 44062
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3

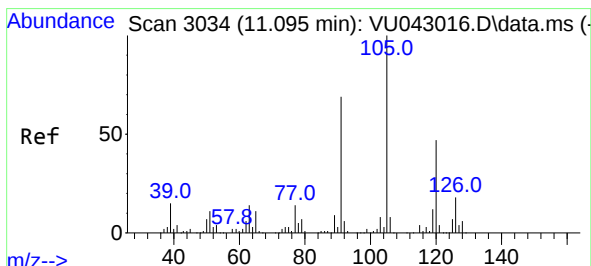
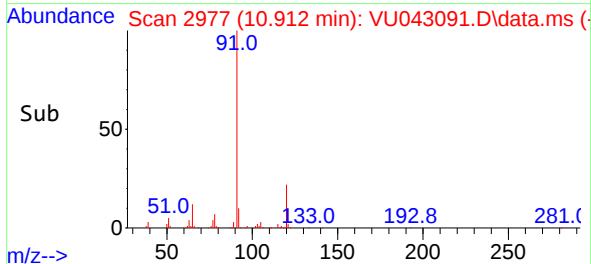
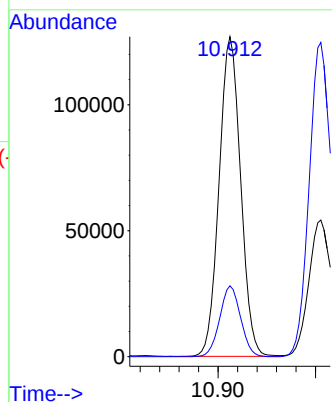
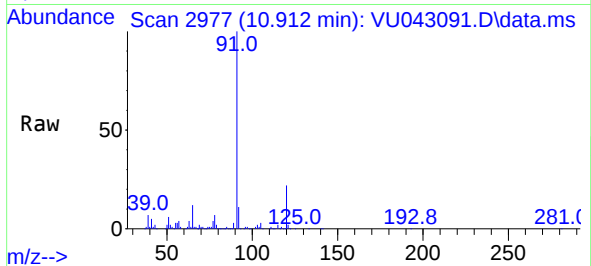




#78
n-propylbenzene
Concen: 15.22 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

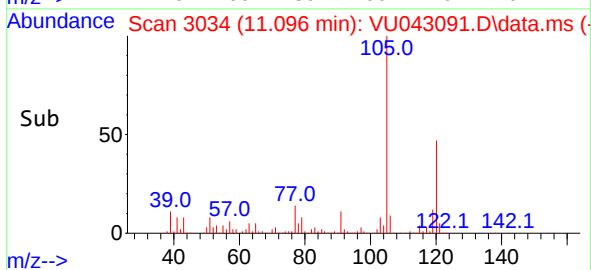
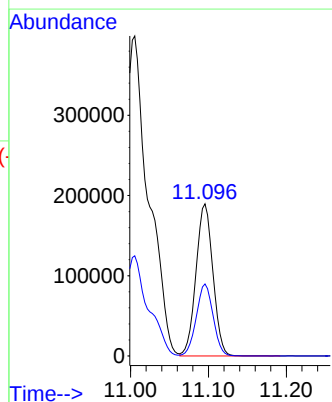
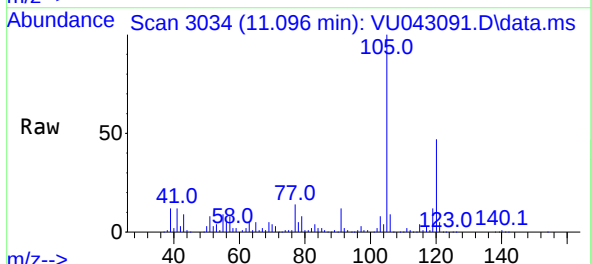
Instrument :
MSVOA_U
ClientSampleId :
41018ME

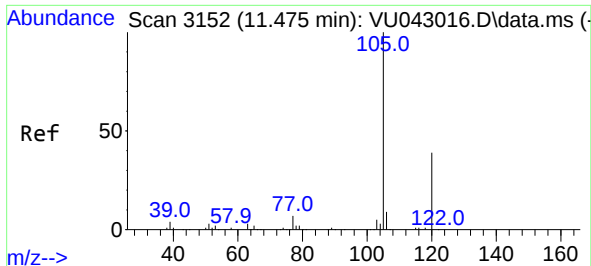
Tgt Ion: 91 Resp: 194351
Ion Ratio Lower Upper
91 100
120 21.5 11.2 33.6



#80
1,3,5-Trimethylbenzene
Concen: 30.40 ug/l
RT: 11.096 min Scan# 3034
Delta R.T. 0.001 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

Tgt Ion:105 Resp: 286167
Ion Ratio Lower Upper
105 100
120 46.9 23.8 71.4

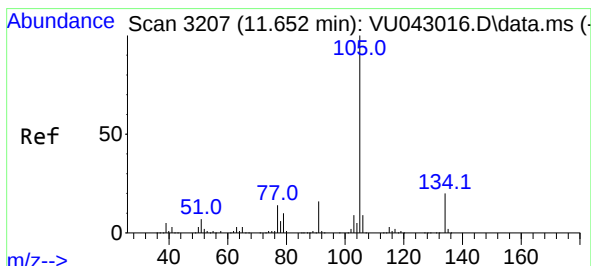
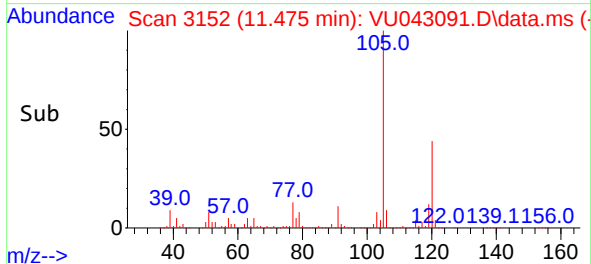
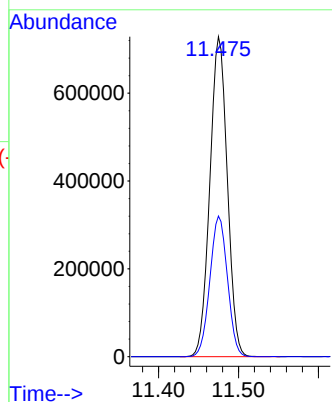
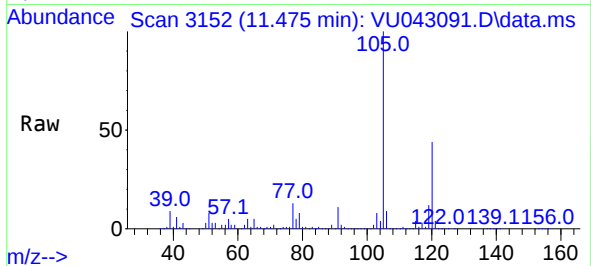




#84
1,2,4-Trimethylbenzene
Concen: 114.22 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

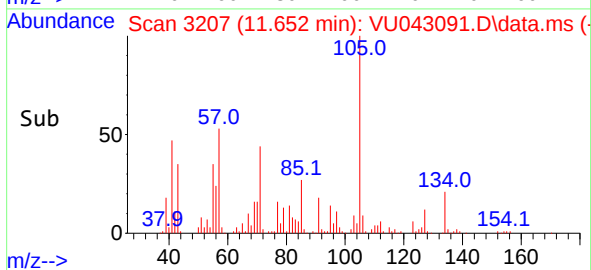
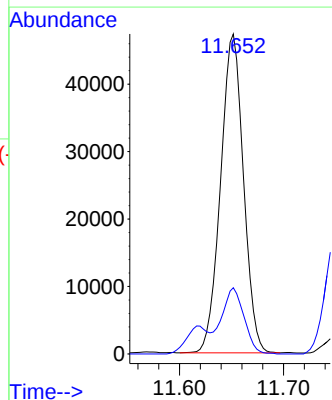
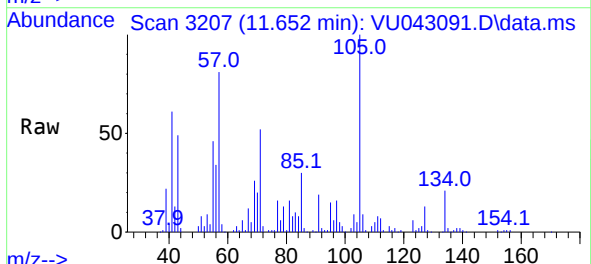
Instrument :
MSVOA_U
ClientSampled :
41018ME

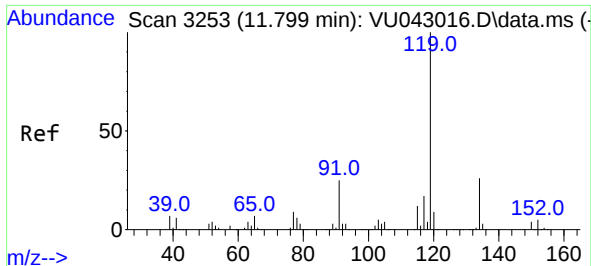
Tgt Ion:105 Resp: 1104898
Ion Ratio Lower Upper
105 100
120 44.1 22.3 66.8



#85
sec-Butylbenzene
Concen: 6.67 ug/l
RT: 11.652 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

Tgt Ion:105 Resp: 72306
Ion Ratio Lower Upper
105 100
134 20.6 10.0 30.0



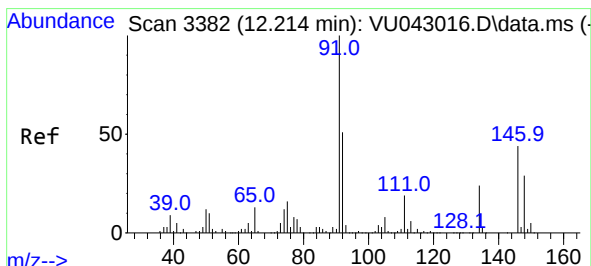
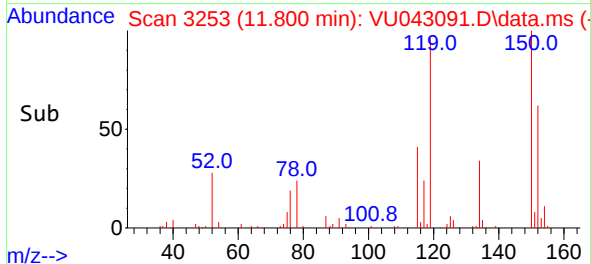
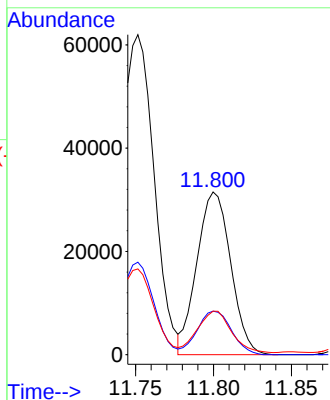
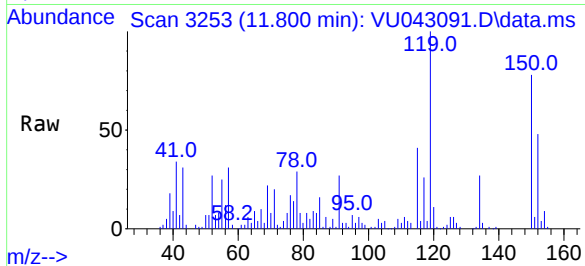


#86
p-Isopropyltoluene
Concen: 4.77 ug/l
RT: 11.800 min Scan# 3253
Delta R.T. 0.001 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

Instrument :
MSVOA_U
ClientSampleId :
41018ME

Tgt Ion:119 Resp: 47591

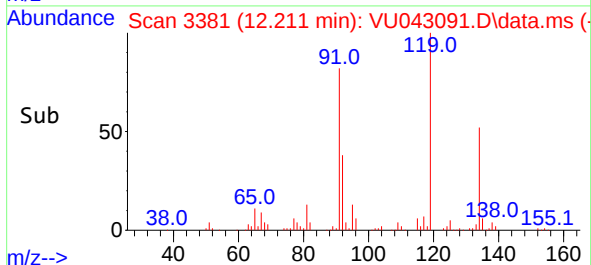
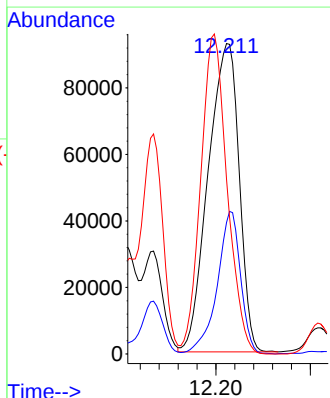
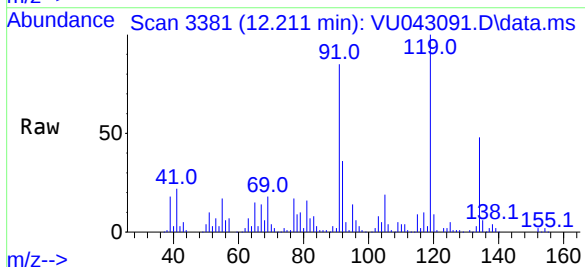
Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.2	39.6
91	25.4	12.8	38.3

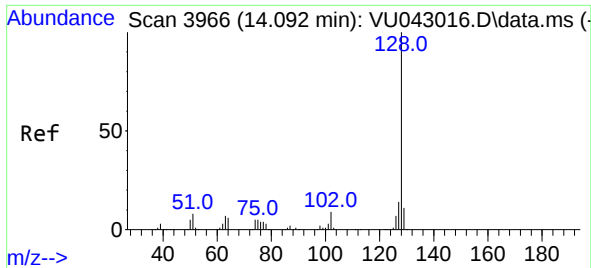


#89
n-Butylbenzene
Concen: 22.50 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

Tgt Ion: 91 Resp: 210466

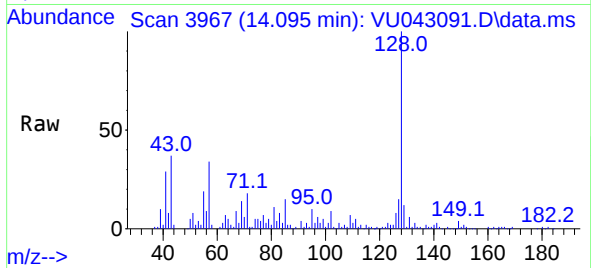
Ion	Ratio	Lower	Upper
91	100		
92	35.0	26.2	78.6
134	88.8	12.7	38.1#





#95
Naphthalene
Concen: 14.11 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043091.D
Acq: 14 Apr 2021 13:59

Instrument :
MSVOA_U
ClientSampleId :
41018ME



Tgt Ion:	128	Resp:	138308
Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.8	16.2
129	13.5	8.6	13.0#

