

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU045022.D
 Acq On : 30 Sep 2021 03:27
 Operator : SY/MD
 Sample : M3952-05DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3DL

Quant Time: Sep 30 05:29:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

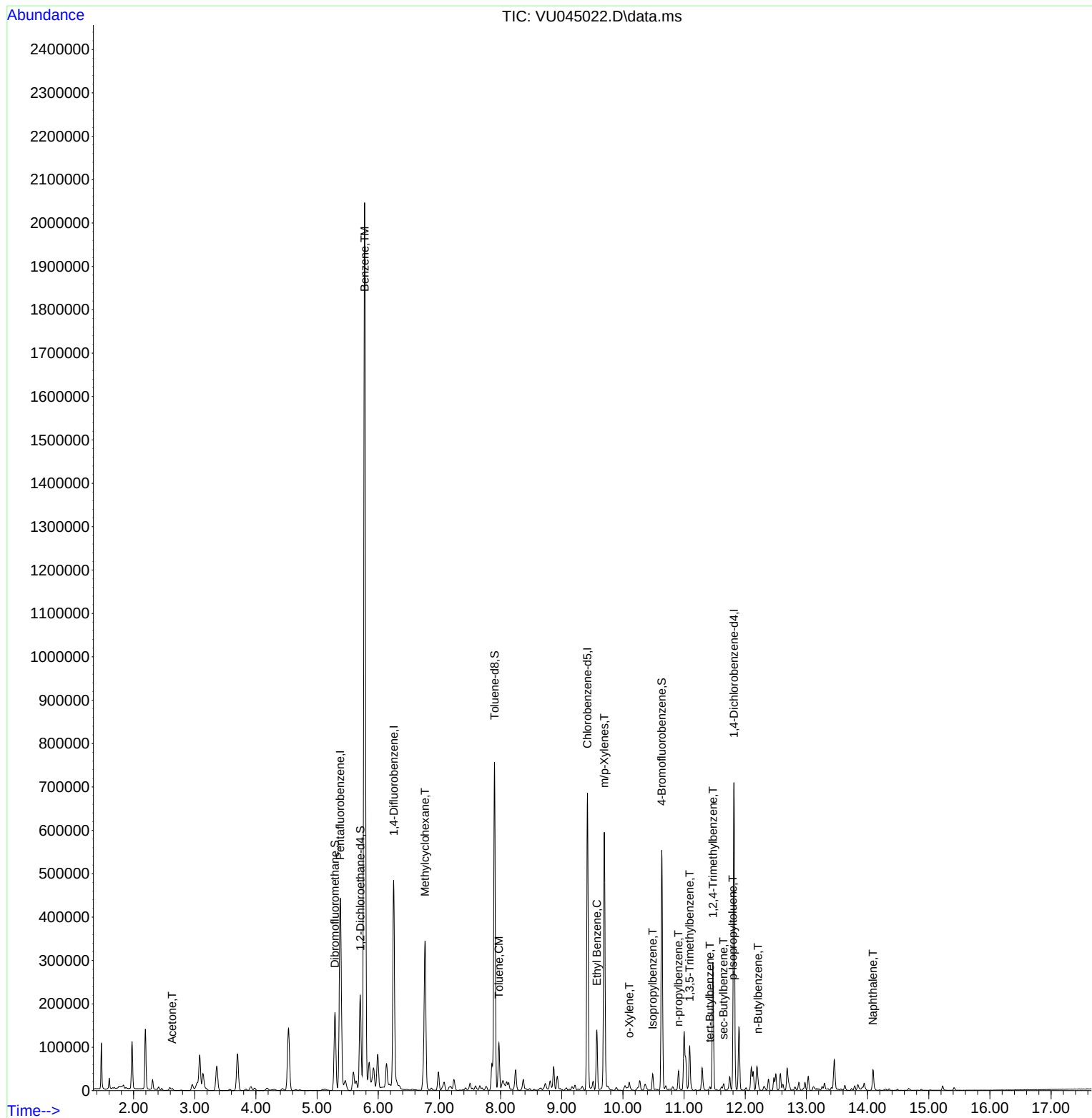
Internal Standards						
1) Pentafluorobenzene	5.375	168	206585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	371616	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	351970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	168979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	163613	47.58	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.16%		
35) Dibromofluoromethane	5.292	113	115473	49.26	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.52%		
50) Toluene-d8	7.902	98	476126	51.40	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.80%		
62) 4-Bromofluorobenzene	10.635	95	180097	47.10	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.20%		
Target Compounds					Qvalue	
16) Acetone	2.629	43	5211	2.55	ug/l	99
39) Methylcyclohexane	6.764	83	140761	29.50	ug/l	98
40) Benzene	5.777	78	1907622	164.81	ug/l	100
52) Toluene	7.973	92	43787	6.04	ug/l	99
67) Ethyl Benzene	9.574	91	93273	6.87	ug/l	99
68) m/p-Xylenes	9.697	106	162122	30.73	ug/l	98
69) o-Xylene	10.102	106	4562	0.87	ug/l	96
73) Isopropylbenzene	10.488	105	23348	1.86	ug/l	100
78) n-propylbenzene	10.909	91	34151	2.23	ug/l	98
80) 1,3,5-Trimethylbenzene	11.092	105	53215	4.83	ug/l	100
83) tert-Butylbenzene	11.423	119	3231	0.30	ug/l	86
84) 1,2,4-Trimethylbenzene	11.471	105	158004	14.49	ug/l	100
85) sec-Butylbenzene	11.645	105	9670	0.70	ug/l	95
86) p-Isopropyltoluene	11.796	119	8756	0.79	ug/l	90
89) n-Butylbenzene	12.208	91	11784	1.15	ug/l #	41
95) Naphthalene	14.089	128	38245	3.07	ug/l	99

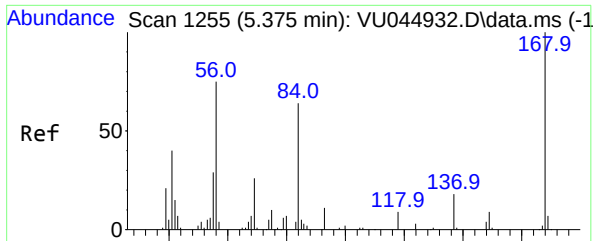
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

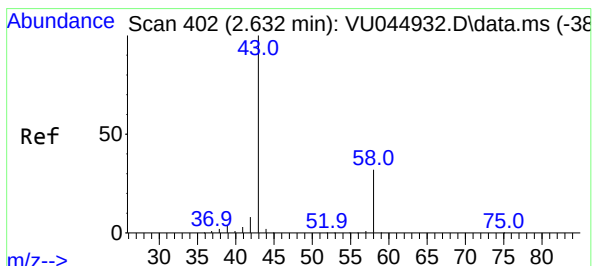
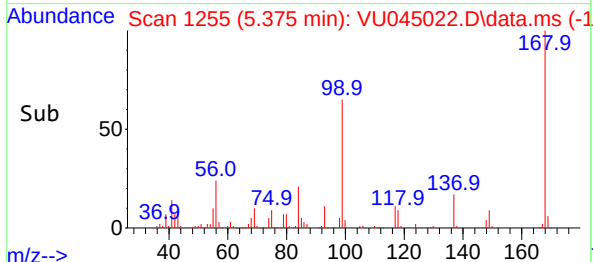
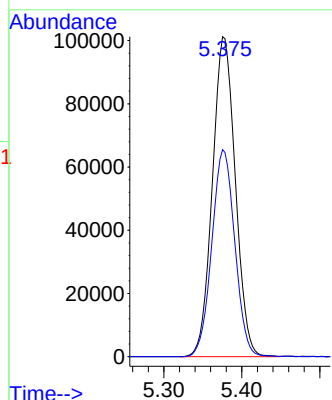
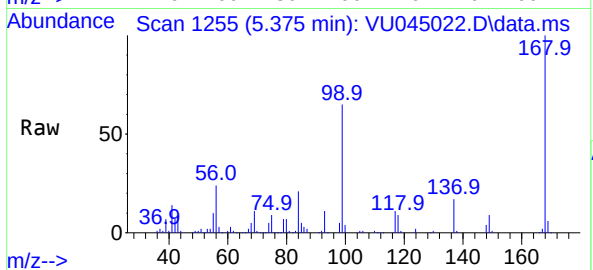




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

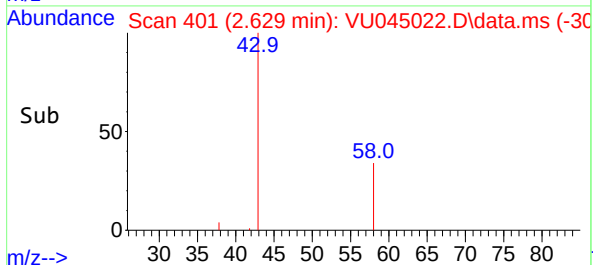
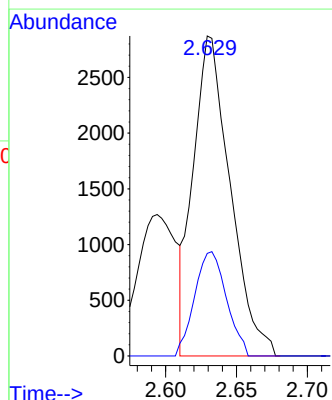
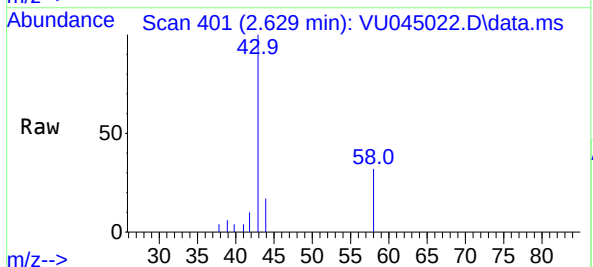
Instrument :
MSVOA_U
ClientSampleId :
MW-3DL

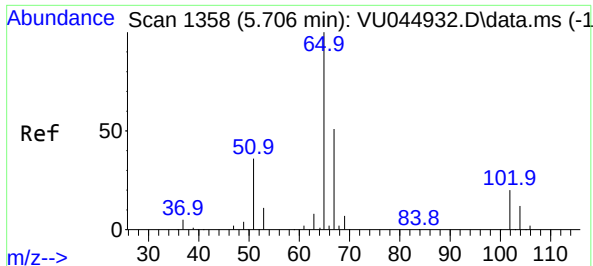
Tgt Ion:168 Resp: 206585
Ion Ratio Lower Upper
168 100
99 64.7 51.4 77.0



#16
Acetone
Concen: 2.55 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

Tgt Ion: 43 Resp: 5211
Ion Ratio Lower Upper
43 100
58 32.1 25.2 37.8



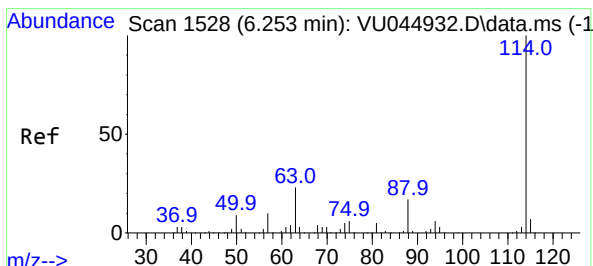
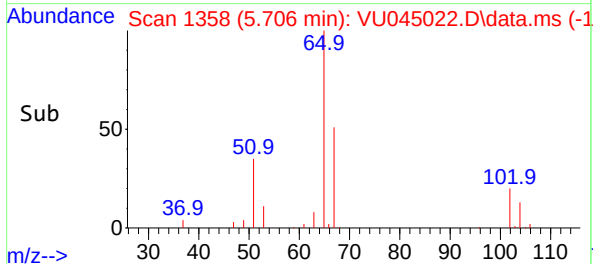
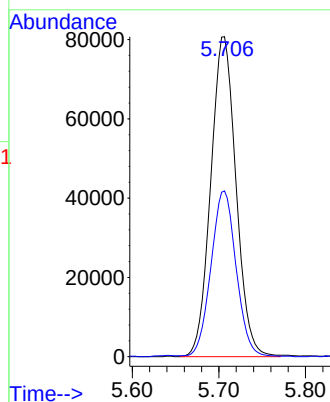
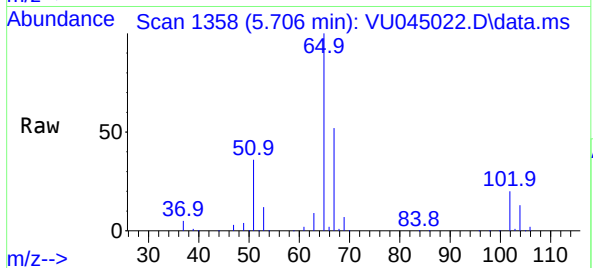


#33

1,2-Dichloroethane-d4
Concen: 47.58 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

Instrument :
MSVOA_U
ClientSampled :
MW-3DL

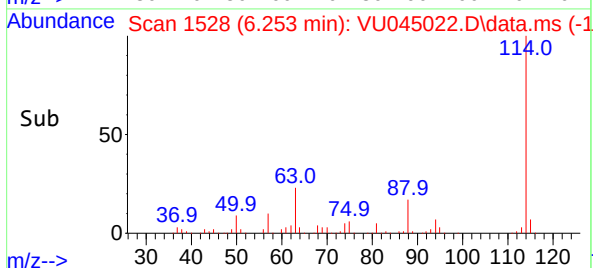
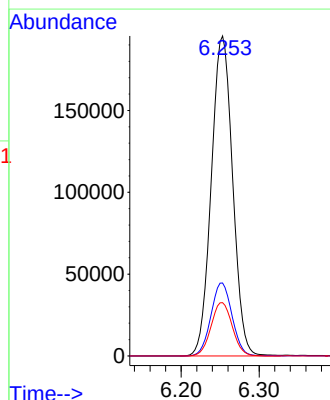
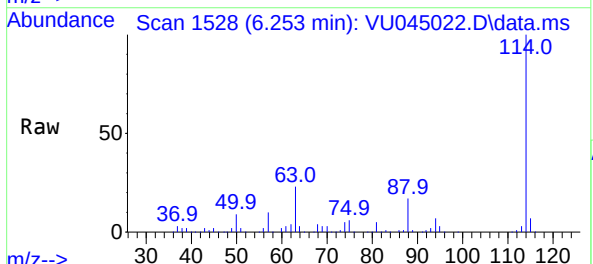
Tgt Ion: 65 Resp: 163613
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8

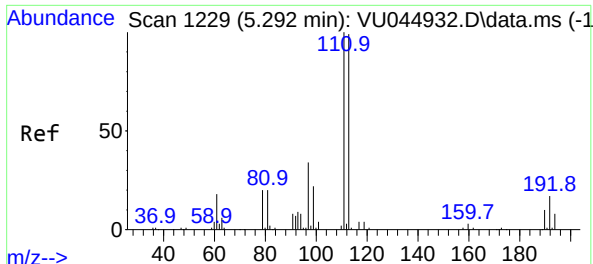


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

Tgt Ion: 114 Resp: 371616
Ion Ratio Lower Upper
114 100
63 22.8 0.0 47.8
88 16.6 0.0 32.8



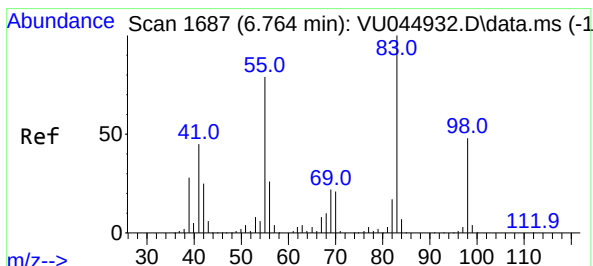
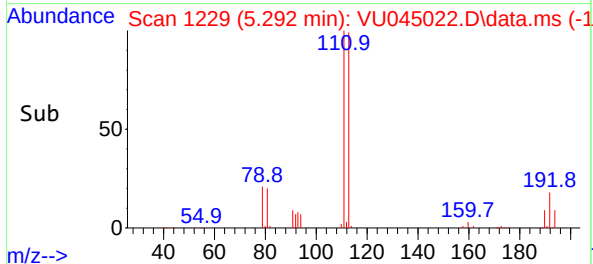
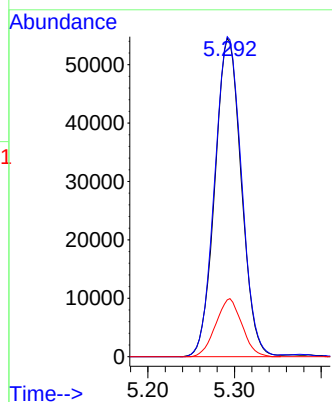
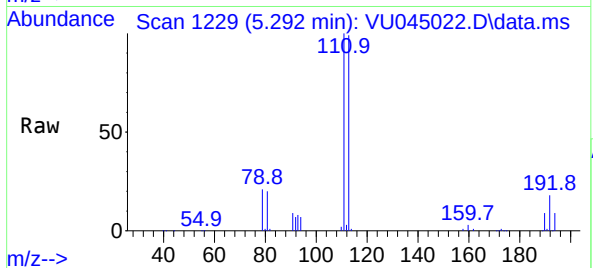


#35
Dibromofluoromethane
Concen: 49.26 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

Instrument :
MSVOA_U
ClientSampleId :
MW-3DL

Tgt Ion:113 Resp: 115473

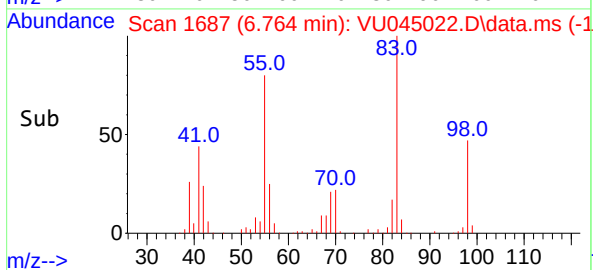
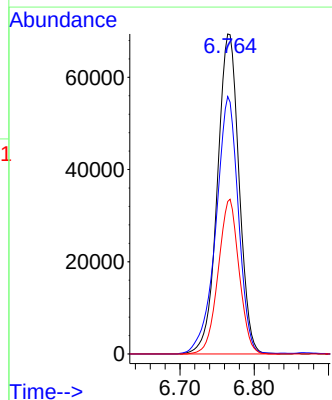
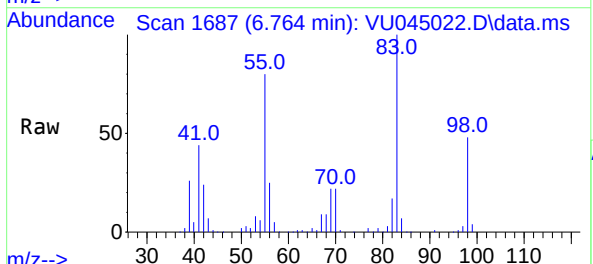
Ion	Ratio	Lower	Upper
113	100		
111	102.2	84.1	126.1
192	18.1	14.8	22.2

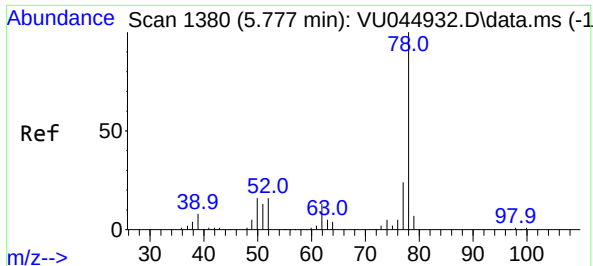


#39
Methylcyclohexane
Concen: 29.50 ug/l
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

Tgt Ion: 83 Resp: 140761

Ion	Ratio	Lower	Upper
83	100		
55	80.3	66.2	99.4
98	47.6	37.5	56.3

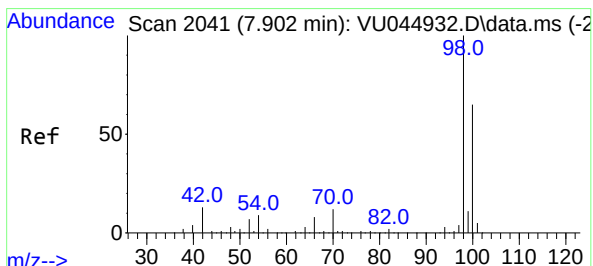
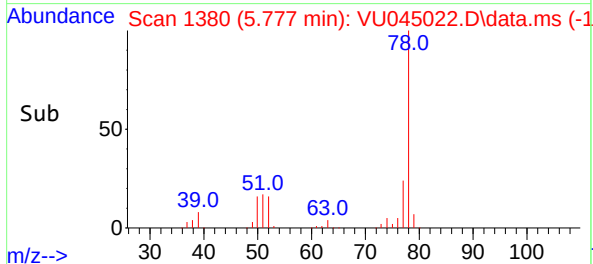
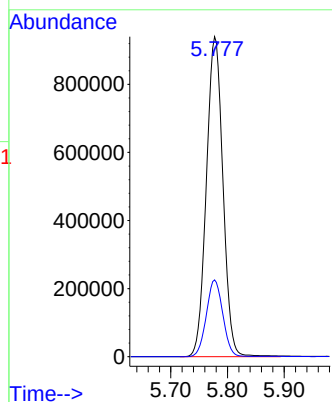
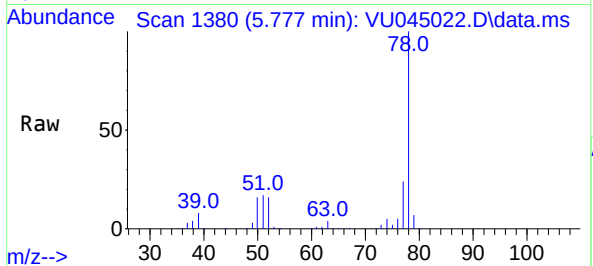




#40
Benzene
Concen: 164.81 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

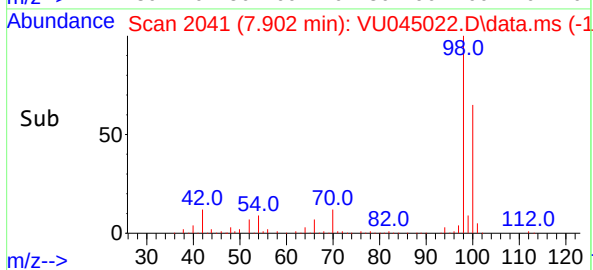
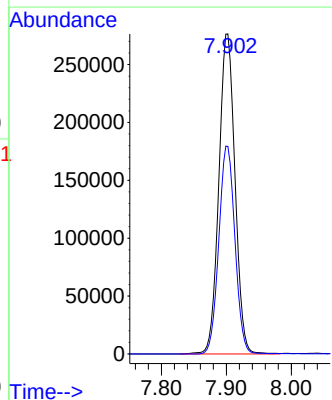
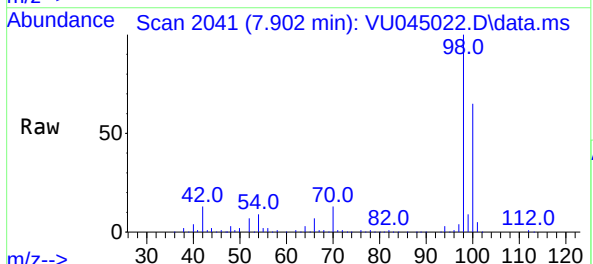
Instrument :
MSVOA_U
ClientSampled :
MW-3DL

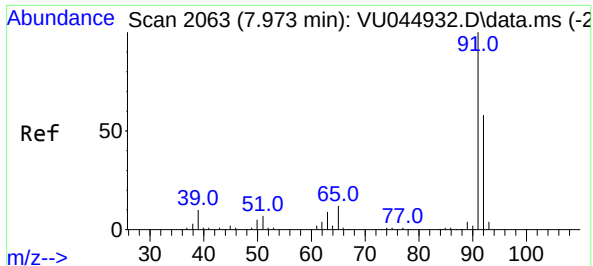
Tgt Ion: 78 Resp: 1907622
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7



#50
Toluene-d8
Concen: 51.40 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

Tgt Ion: 98 Resp: 476126
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

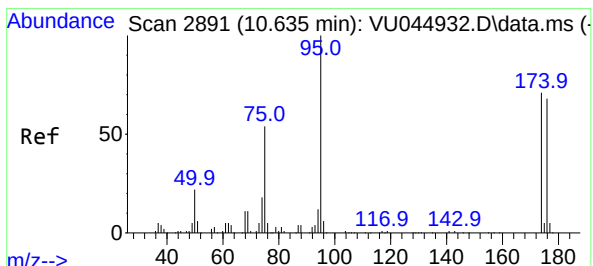
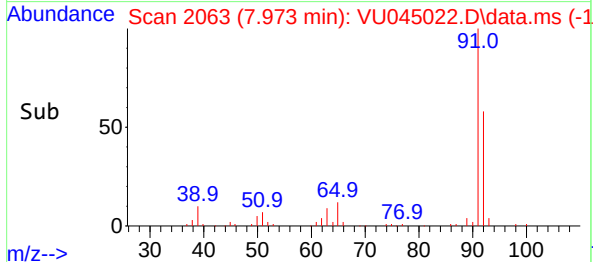
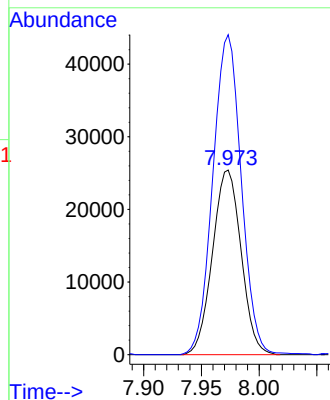
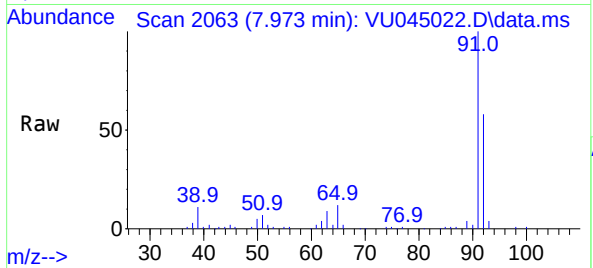




#52
Toluene
Concen: 6.04 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

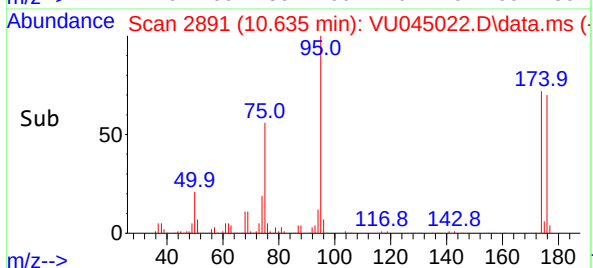
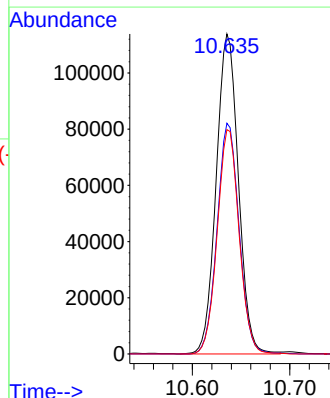
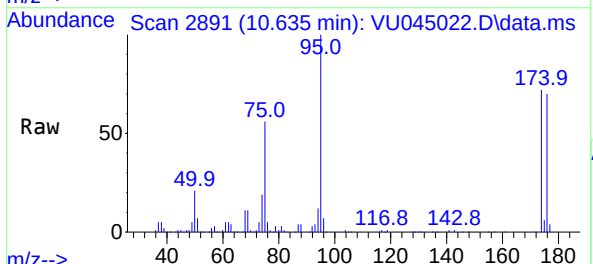
Instrument :
MSVOA_U
ClientSampleId :
MW-3DL

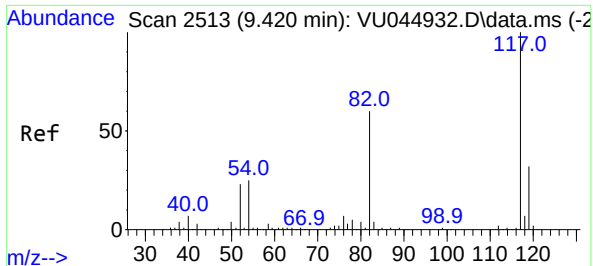
Tgt Ion: 92 Resp: 43787
Ion Ratio Lower Upper
92 100
91 172.8 136.9 205.3



#62
4-Bromofluorobenzene
Concen: 47.10 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

Tgt Ion: 95 Resp: 180097
Ion Ratio Lower Upper
95 100
174 71.6 0.0 146.6
176 69.2 0.0 141.2

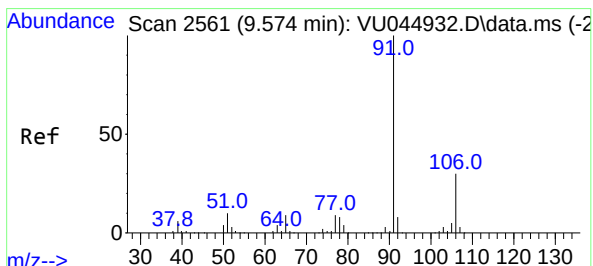
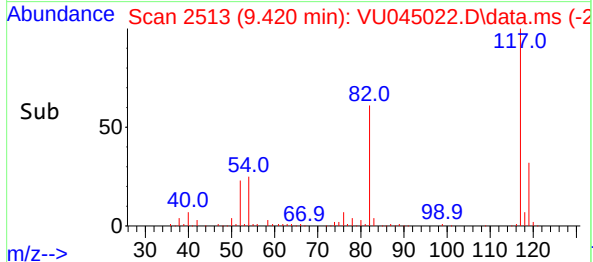
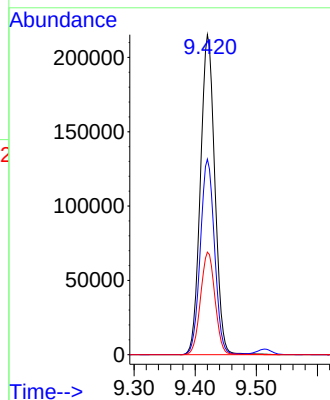
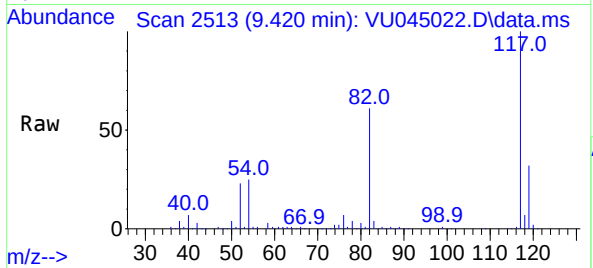




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

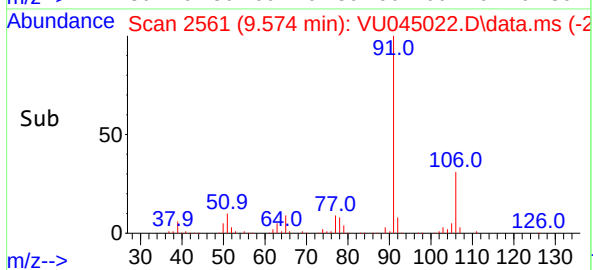
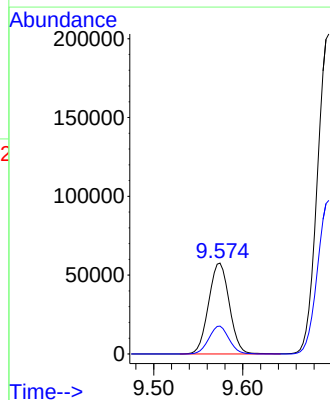
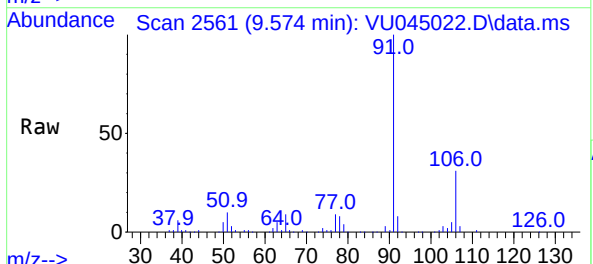
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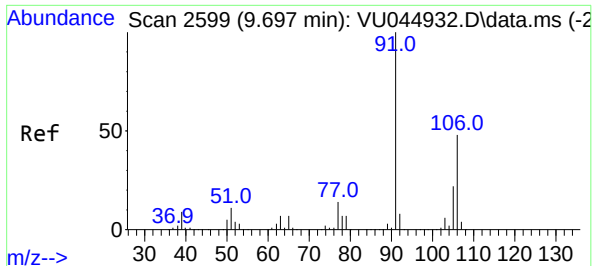
Tgt Ion:117 Resp: 351970
Ion Ratio Lower Upper
117 100
82 61.1 47.8 71.8
119 32.1 25.8 38.6



#67
Ethyl Benzene
Concen: 6.87 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

Tgt Ion: 91 Resp: 93273
Ion Ratio Lower Upper
91 100
106 30.7 24.3 36.5

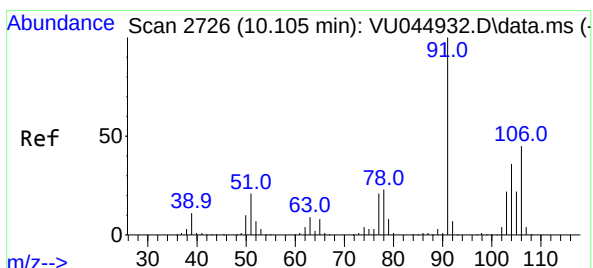
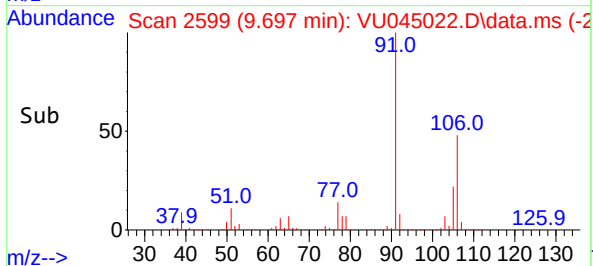
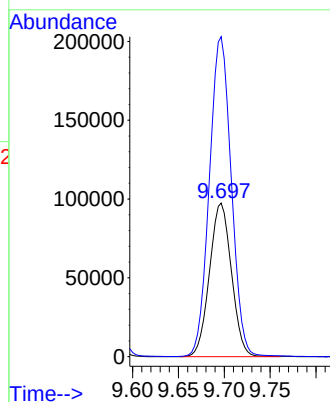
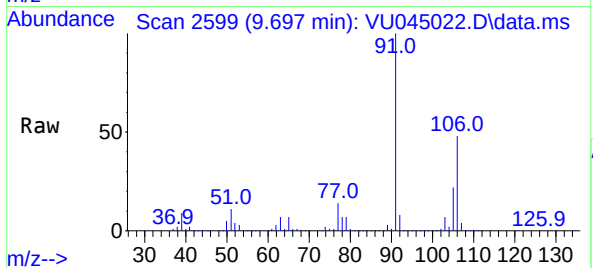




#68
m/p-Xylenes
Concen: 30.73 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

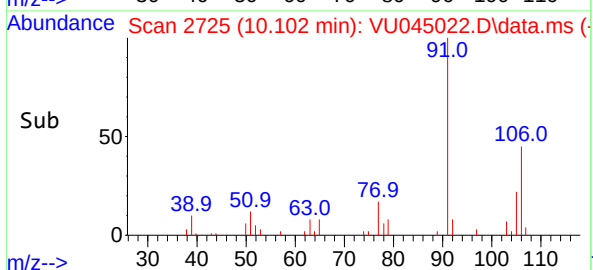
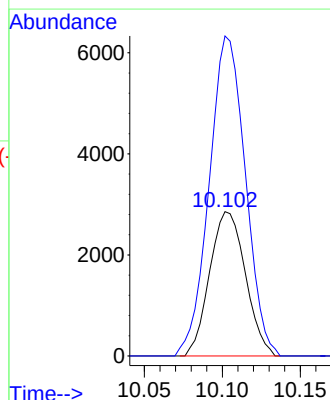
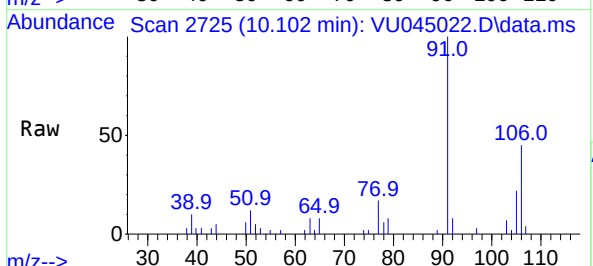
Instrument :
MSVOA_U
ClientSampled :
MW-3DL

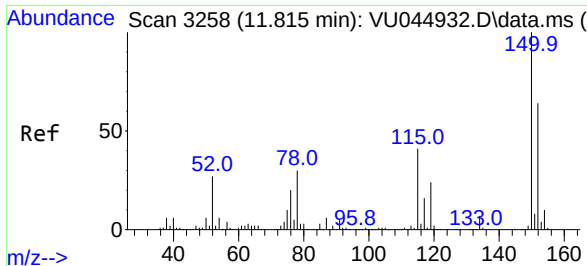
Tgt Ion:106 Resp: 162122
Ion Ratio Lower Upper
106 100
91 208.7 164.2 246.2



#69
o-Xylene
Concen: 0.87 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

Tgt Ion:106 Resp: 4562
Ion Ratio Lower Upper
106 100
91 224.0 108.9 326.7

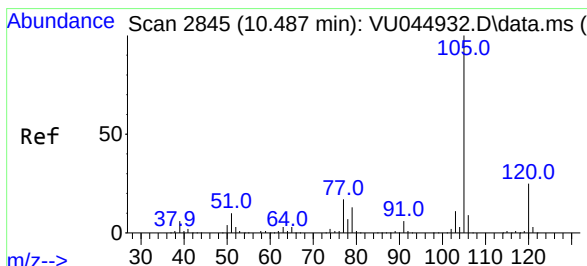
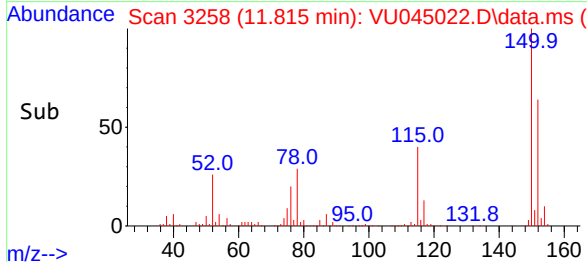
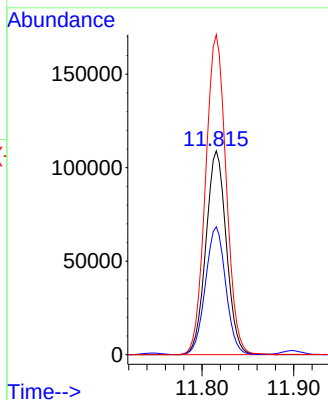
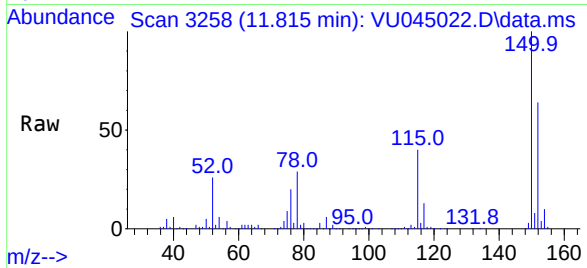




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

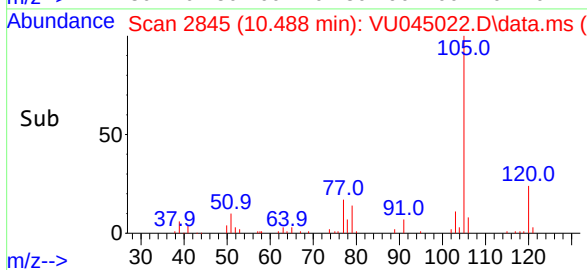
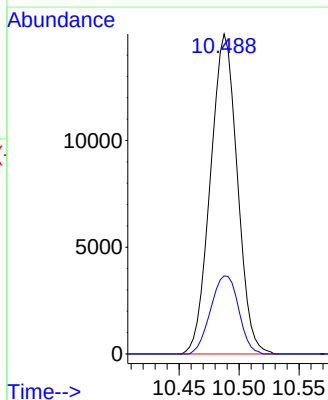
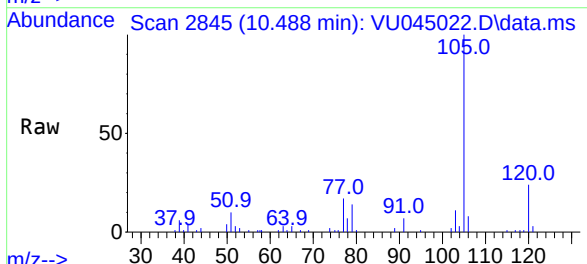
Instrument :
MSVOA_U
ClientSampled :
MW-3DL

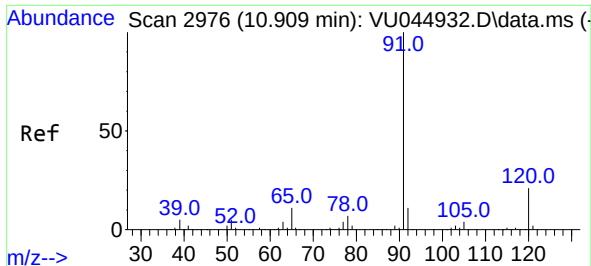
Tgt Ion:152 Resp: 168979
Ion Ratio Lower Upper
152 100
115 62.4 43.5 130.7
150 158.2 0.0 350.0



#73
Isopropylbenzene
Concen: 1.86 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

Tgt Ion:105 Resp: 23348
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.3

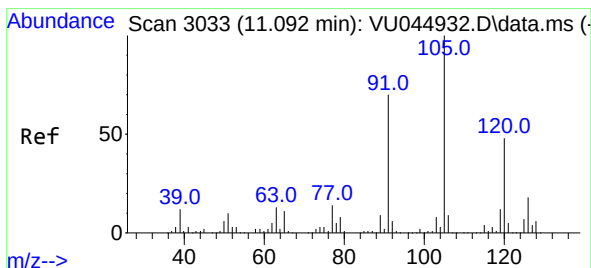
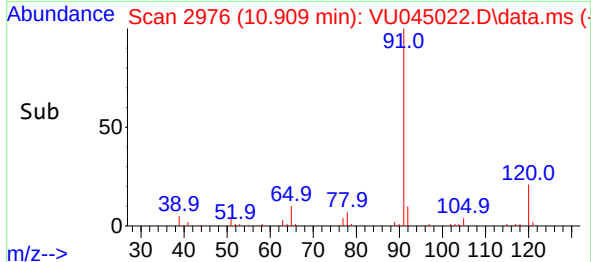
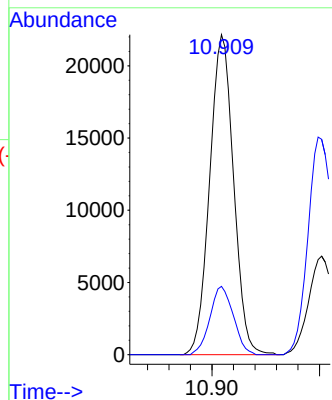
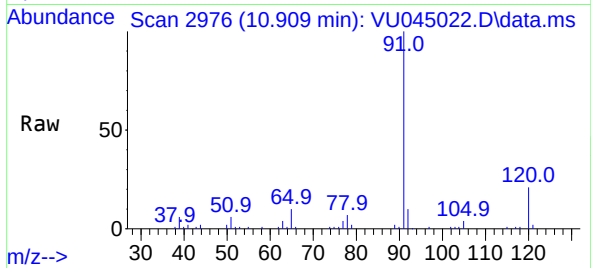




#78
n-propylbenzene
Concen: 2.23 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

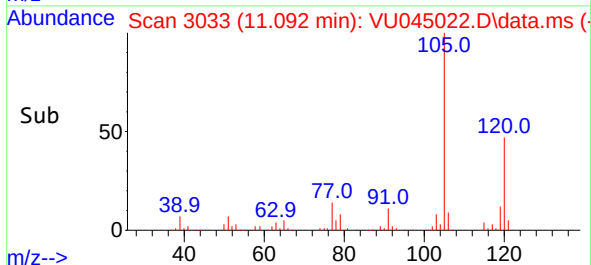
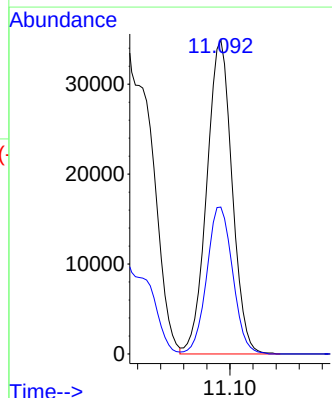
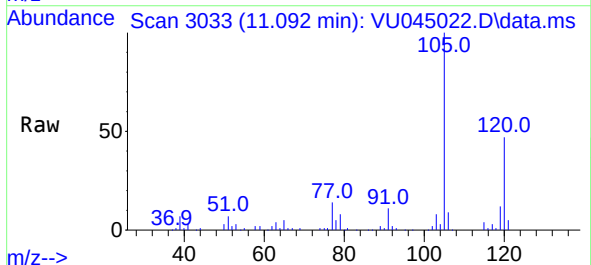
Instrument :
MSVOA_U
ClientSampled :
MW-3DL

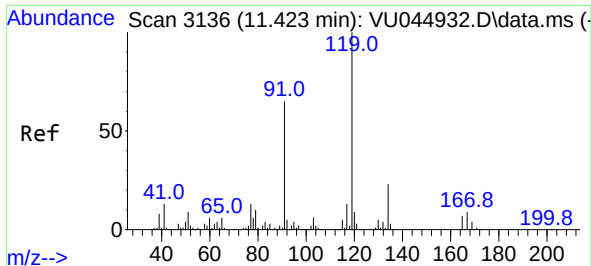
Tgt Ion: 91 Resp: 34151
Ion Ratio Lower Upper
91 100
120 20.9 10.8 32.4



#80
1,3,5-Trimethylbenzene
Concen: 4.83 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

Tgt Ion: 105 Resp: 53215
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.2



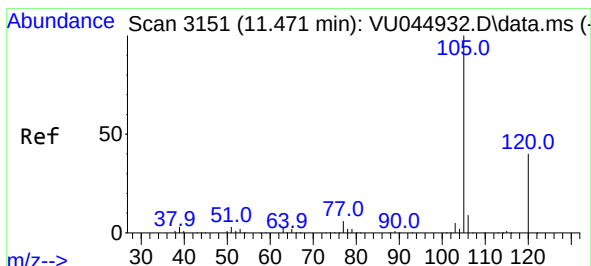
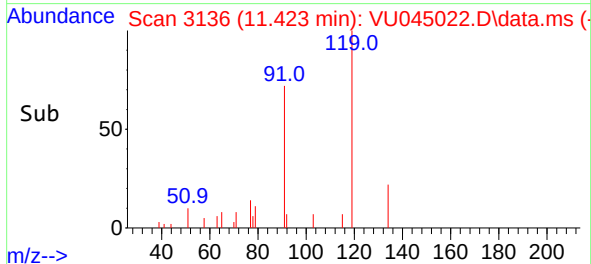
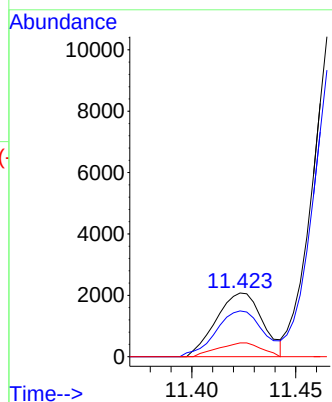
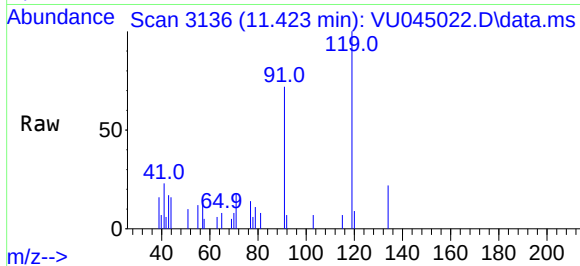


#83
tert-Butylbenzene
Concen: 0.30 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

Instrument :
MSVOA_U
ClientSampleId :
MW-3DL

Tgt Ion:119 Resp: 3231

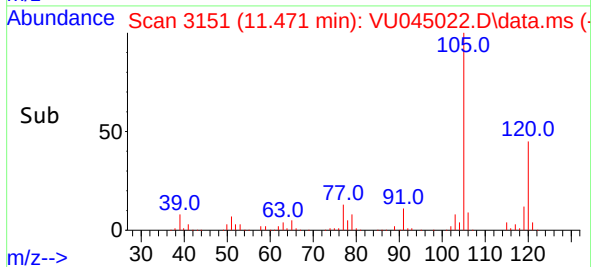
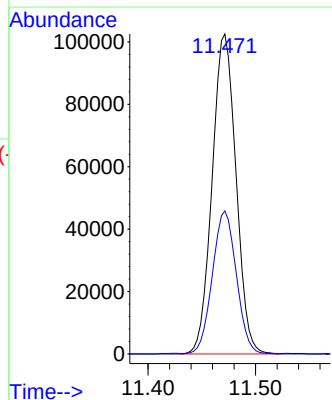
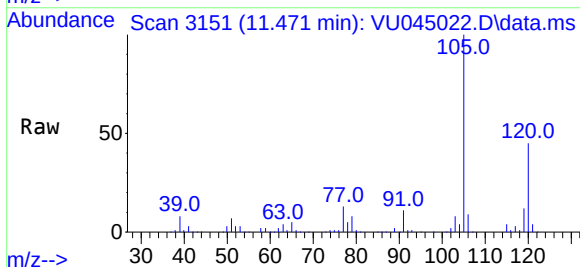
Ion	Ratio	Lower	Upper
119	100		
91	73.6	30.4	91.2
134	20.2	11.5	34.5

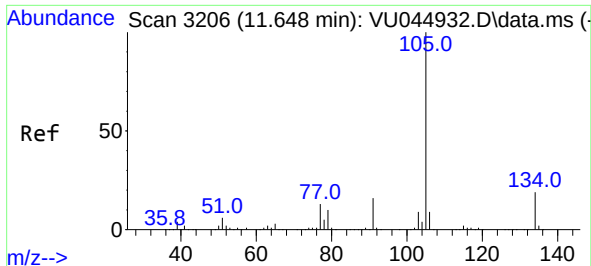


#84
1,2,4-Trimethylbenzene
Concen: 14.49 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

Tgt Ion:105 Resp: 158004

Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.4	67.3

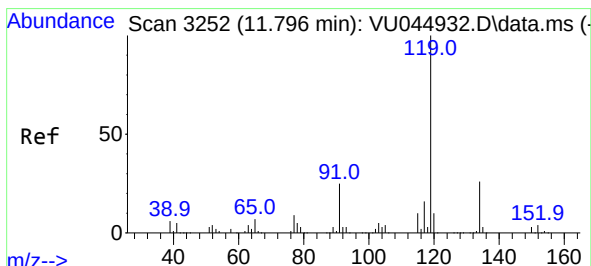
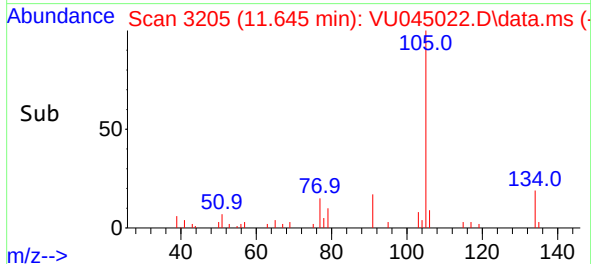
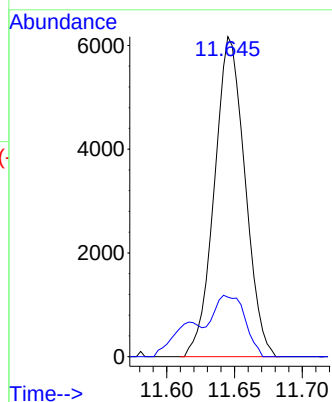
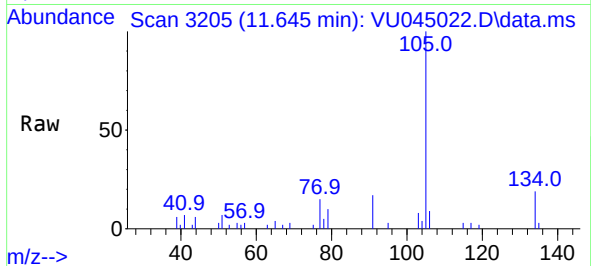




#85
sec-Butylbenzene
Concen: 0.70 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. -0.003 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

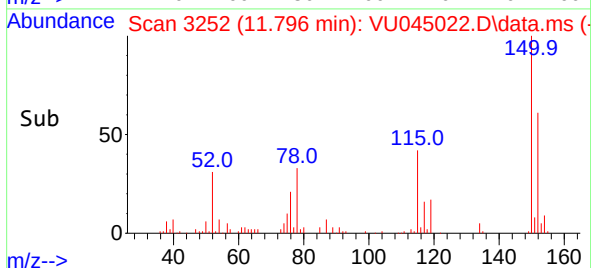
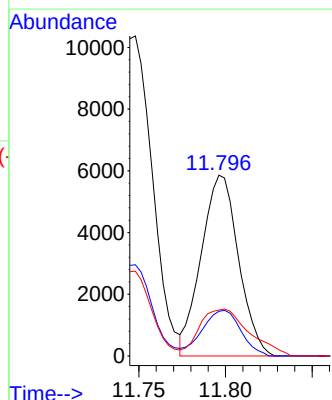
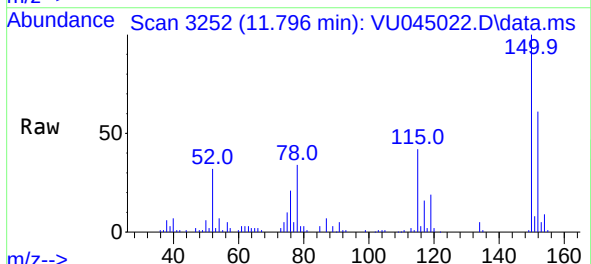
Instrument :
MSVOA_U
ClientSampled :
MW-3DL

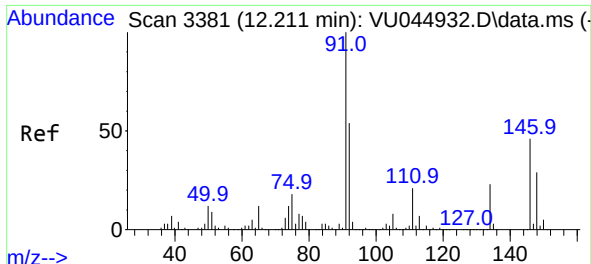
Tgt Ion:105 Resp: 9670
Ion Ratio Lower Upper
105 100
134 20.8 9.3 28.0



#86
p-Isopropyltoluene
Concen: 0.79 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

Tgt Ion:119 Resp: 8756
Ion Ratio Lower Upper
119 100
134 26.2 12.8 38.3
91 34.3 12.2 36.6

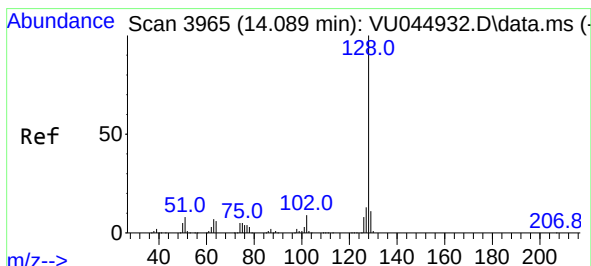
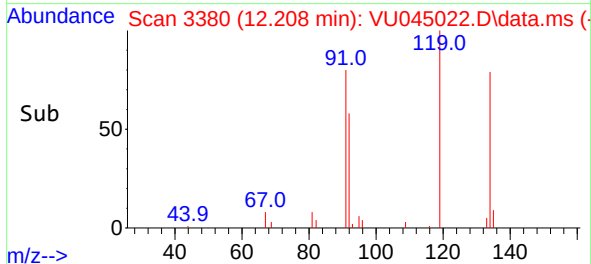
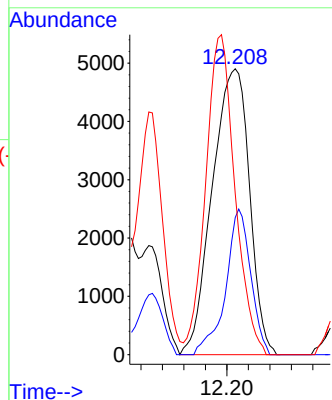
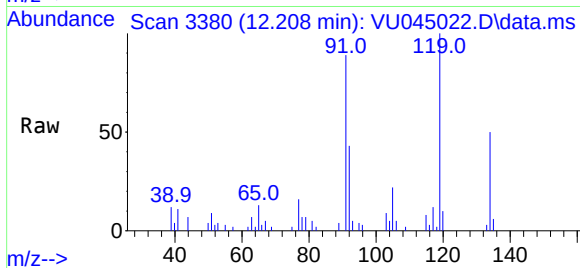




#89
n-Butylbenzene
Concen: 1.15 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

Instrument :
MSVOA_U
ClientSampled :
MW-3DL

Tgt Ion: 91 Resp: 11784
Ion Ratio Lower Upper
91 100
92 34.3 26.8 80.4
134 87.9 11.8 35.4#



#95
Naphthalene
Concen: 3.07 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045022.D
Acq: 30 Sep 2021 03:27

Tgt Ion:128 Resp: 38245
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.4 8.6 13.0

