

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045941.D
 Acq On : 23 Nov 2021 02:30
 Operator : SY/MD
 Sample : M4804-02 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 40460

Quant Time: Nov 23 06:51:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

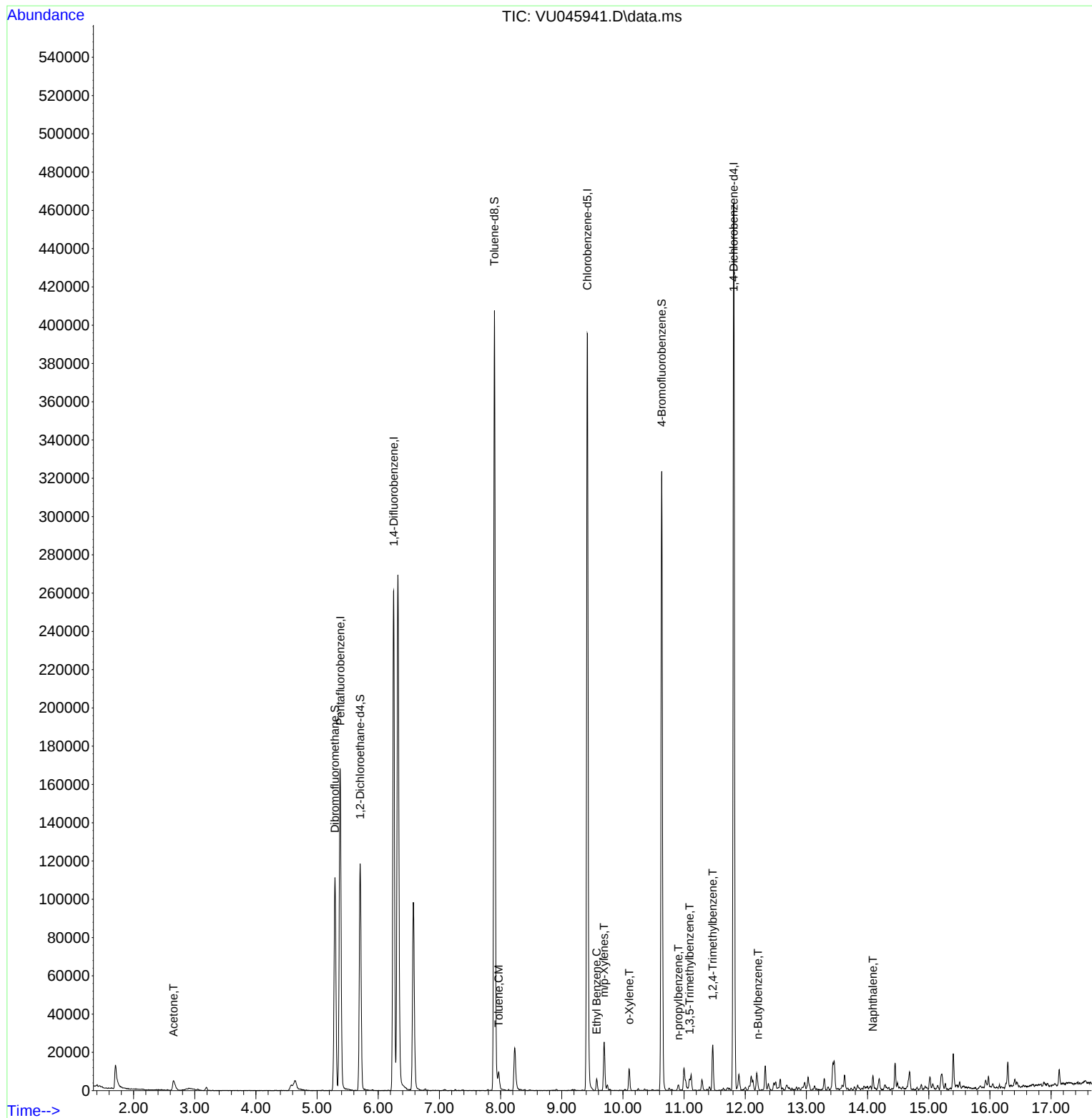
Internal Standards						
1) Pentafluorobenzene	5.378	168	115926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	213679	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	225991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	118214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	89214	51.387	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.780%	
35) Dibromofluoromethane	5.292	113	72359	50.721	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.440%	
50) Toluene-d8	7.899	98	278110	52.425	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.860%	
62) 4-Bromofluorobenzene	10.635	95	110646	52.014	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.020%	
Target Compounds						
					Qvalue	
16) Acetone	2.652	43	10615	12.011	ug/l	97
52) Toluene	7.970	92	3487	0.923	ug/l	92
67) Ethyl Benzene	9.571	91	4803	0.604	ug/l	92
68) m/p-Xylenes	9.693	106	7203	2.403	ug/l	92
69) o-Xylene	10.102	106	3095	1.062	ug/l	95
78) n-propylbenzene	10.909	91	2818	0.293	ug/l	90
80) 1,3,5-Trimethylbenzene	11.089	105	3745	0.555	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	13656	2.036	ug/l	97
89) n-Butylbenzene	12.208	91	1893	0.276	ug/l #	50
95) Naphthalene	14.089	128	5314	1.573	ug/l	97

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

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QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

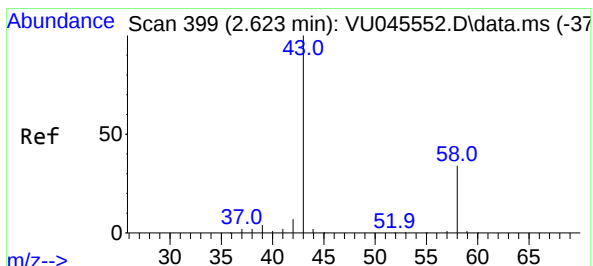
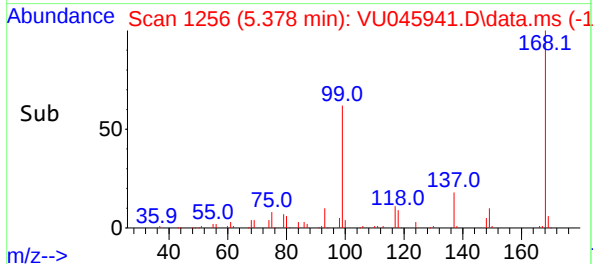
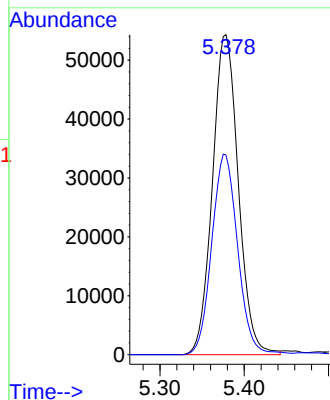
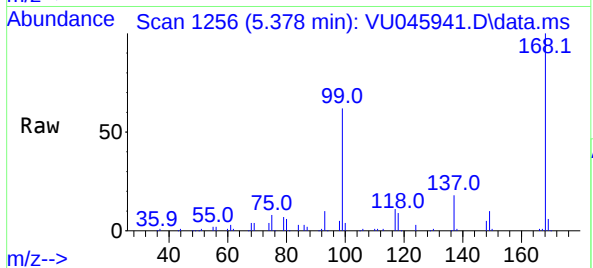




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045941.D
Acq: 23 Nov 2021 02:30

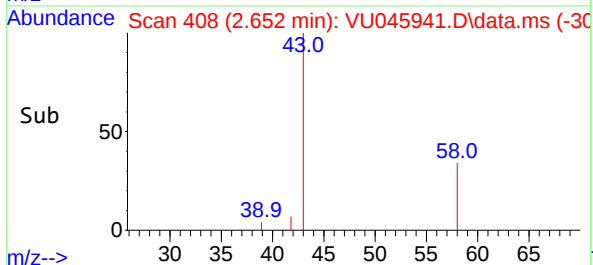
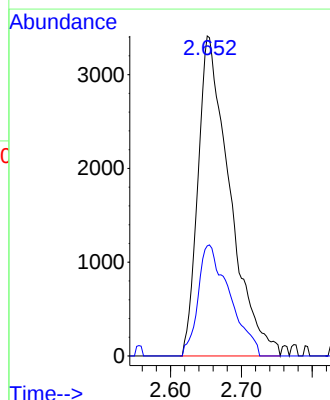
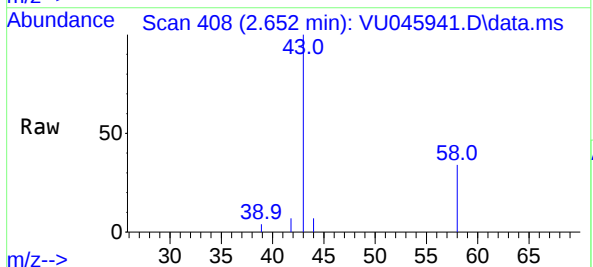
Instrument :
MSVOA_U
ClientSampleId :
40460

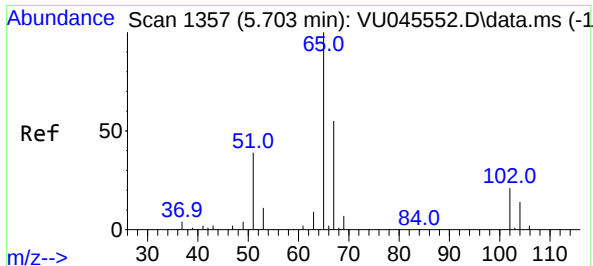
Tgt Ion:168 Resp: 115926
Ion Ratio Lower Upper
168 100
99 62.4 51.0 76.6



#16
Acetone
Concen: 12.011 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.029 min
Lab File: VU045941.D
Acq: 23 Nov 2021 02:30

Tgt Ion: 43 Resp: 10615
Ion Ratio Lower Upper
43 100
58 34.4 26.2 39.2

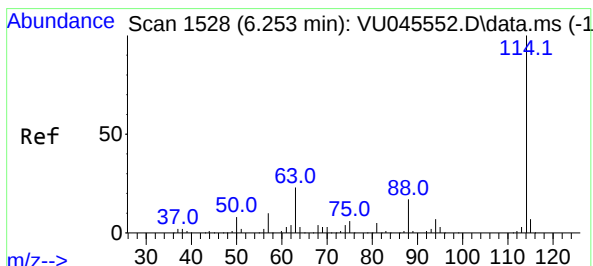
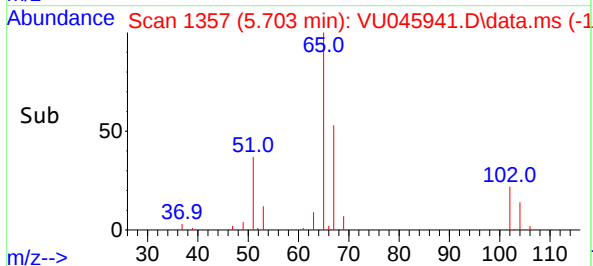
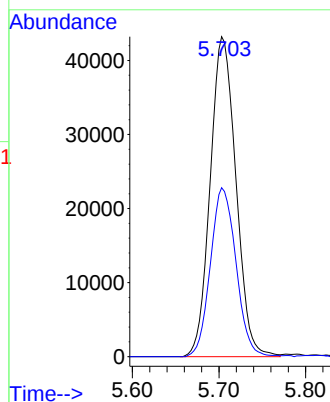
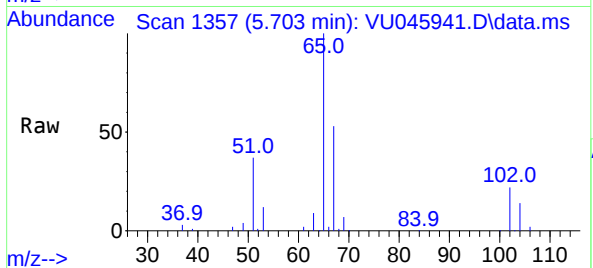




#33
1,2-Dichloroethane-d4
Concen: 51.387 ug/l
RT: 5.703 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045941.D
Acq: 23 Nov 2021 02:30

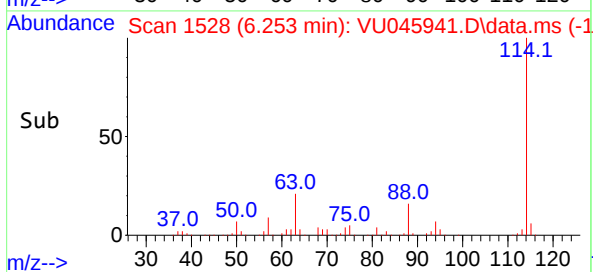
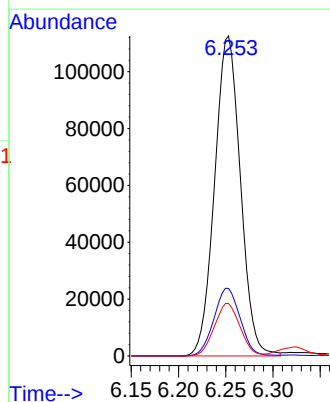
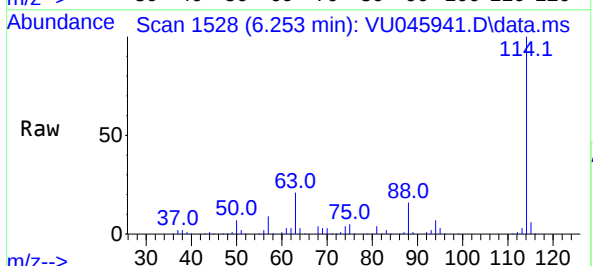
Instrument :
MSVOA_U
ClientSampleId :
40460

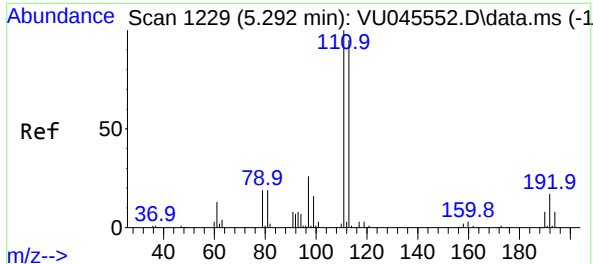
Tgt Ion: 65 Resp: 89214
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU045941.D
Acq: 23 Nov 2021 02:30

Tgt Ion: 114 Resp: 213679
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.6
88 16.4 0.0 33.8

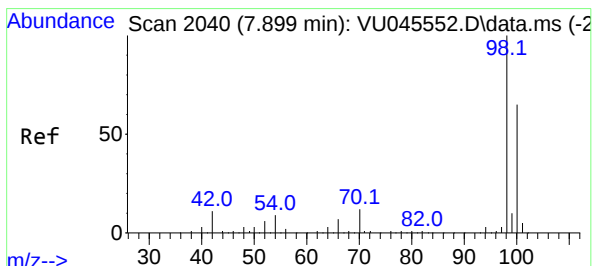
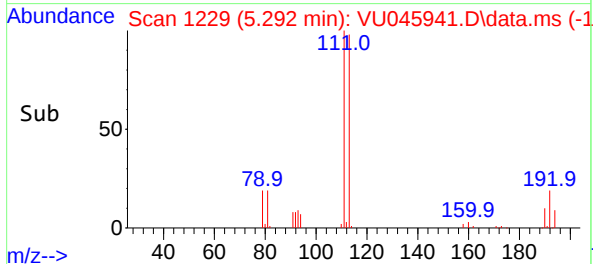
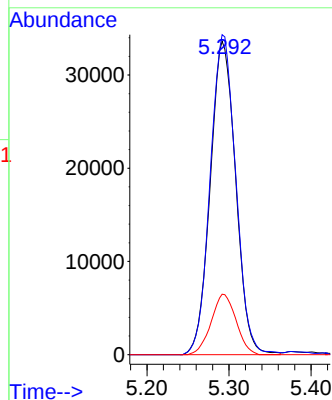
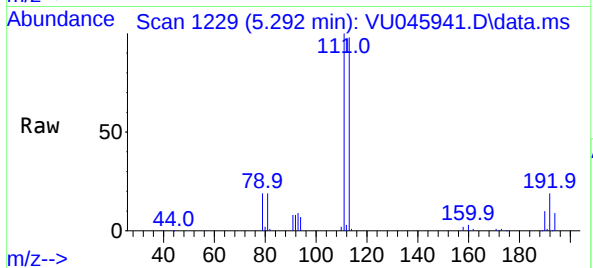




#35
Dibromofluoromethane
Concen: 50.721 ug/l
RT: 5.292 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU045941.D
Acq: 23 Nov 2021 02:30

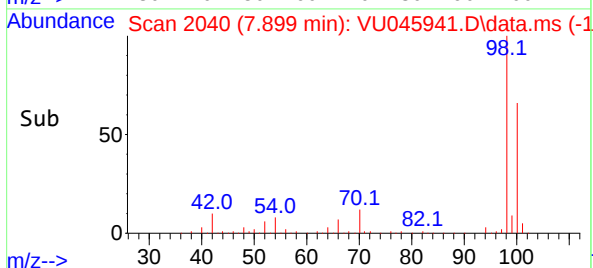
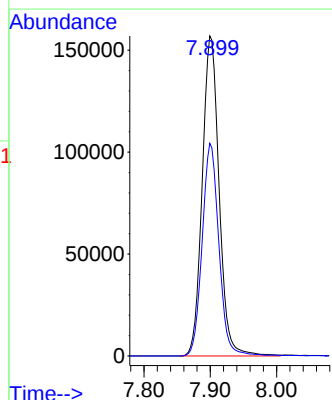
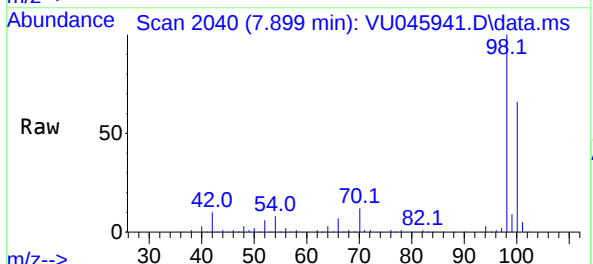
Instrument :
MSVOA_U
ClientSampleId :
40460

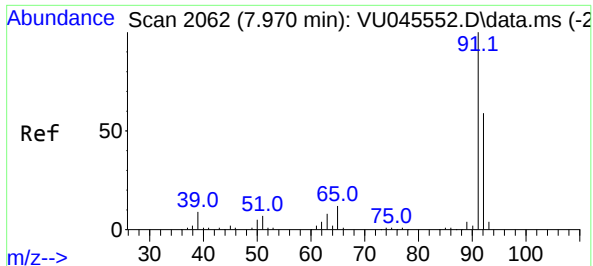
Tgt Ion:113 Resp: 72359
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 18.9 14.8 22.2



#50
Toluene-d8
Concen: 52.425 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045941.D
Acq: 23 Nov 2021 02:30

Tgt Ion: 98 Resp: 278110
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

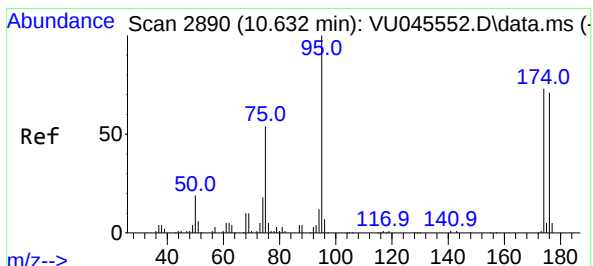
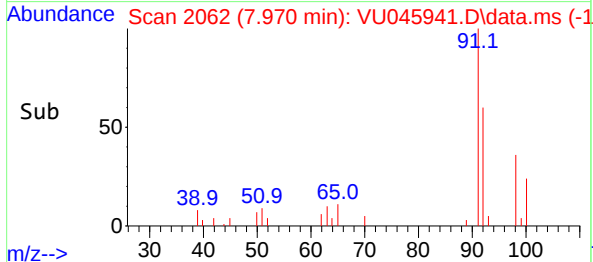
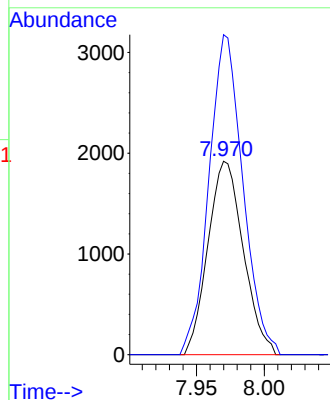
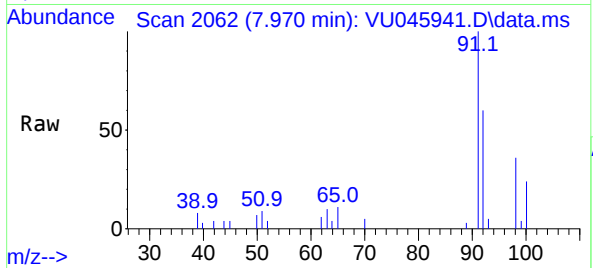




#52
Toluene
Concen: 0.923 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU045941.D
Acq: 23 Nov 2021 02:30

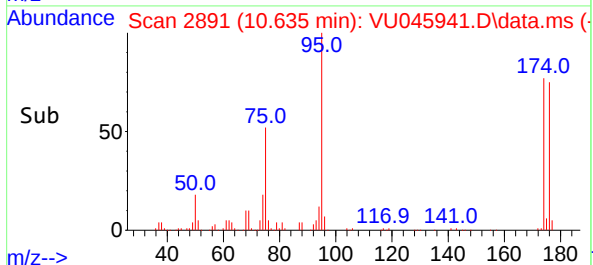
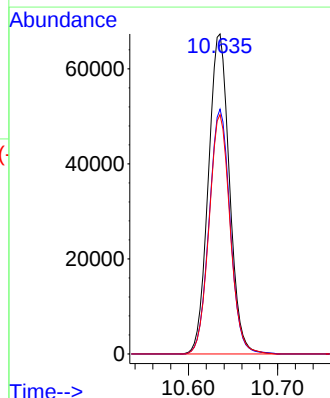
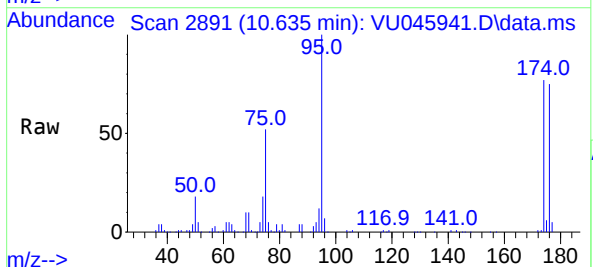
Instrument :
MSVOA_U
ClientSampleId :
40460

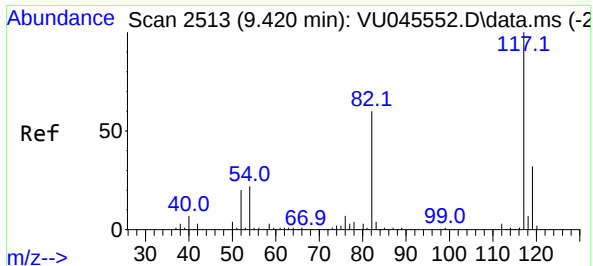
Tgt Ion: 92 Resp: 3487
Ion Ratio Lower Upper
92 100
91 158.6 135.6 203.4



#62
4-Bromofluorobenzene
Concen: 52.014 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045941.D
Acq: 23 Nov 2021 02:30

Tgt Ion: 95 Resp: 110646
Ion Ratio Lower Upper
95 100
174 76.1 0.0 141.8
176 74.5 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045941.D

Acq: 23 Nov 2021 02:30

Instrument :

MSVOA_U

ClientSampleId :

40460

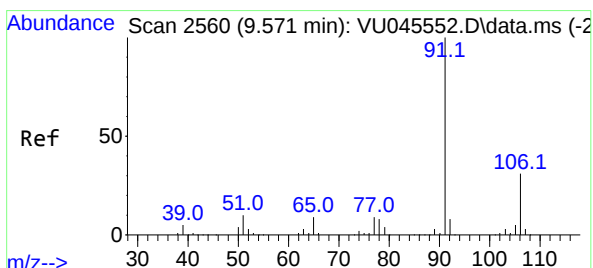
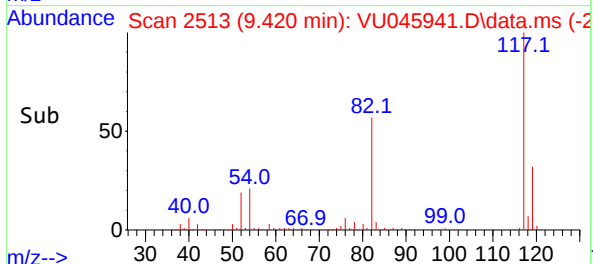
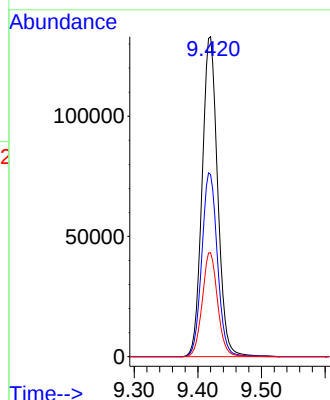
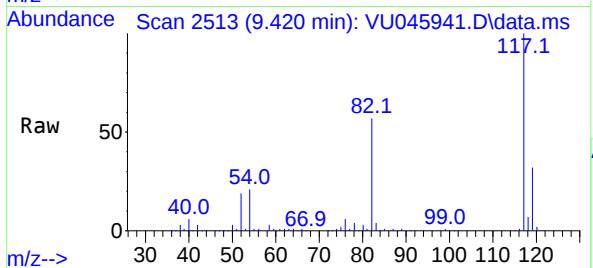
Tgt Ion:117 Resp: 225991

Ion Ratio Lower Upper

117 100

82 57.0 47.8 71.8

119 32.5 25.8 38.8



#67

Ethyl Benzene

Concen: 0.604 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU045941.D

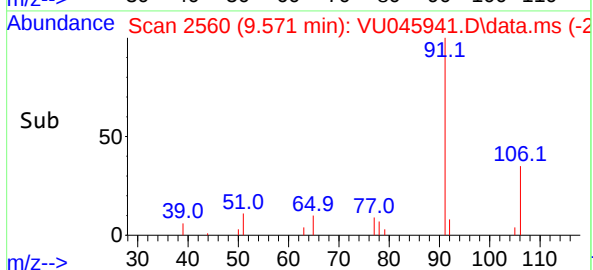
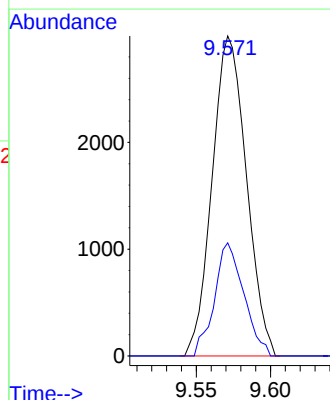
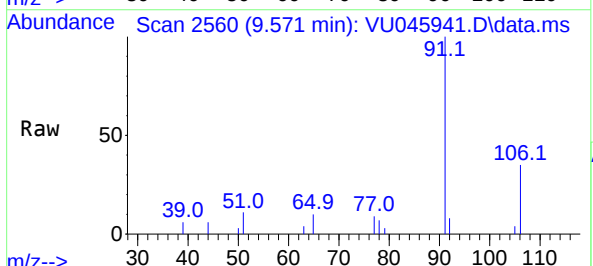
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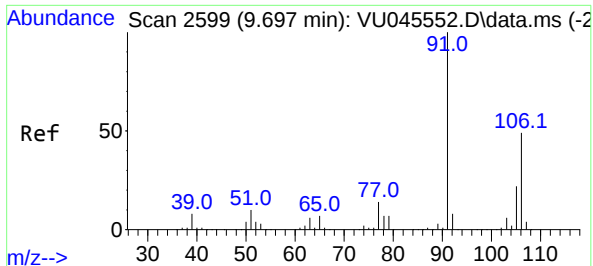
Tgt Ion: 91 Resp: 4803

Ion Ratio Lower Upper

91 100

106 35.3 24.6 36.8

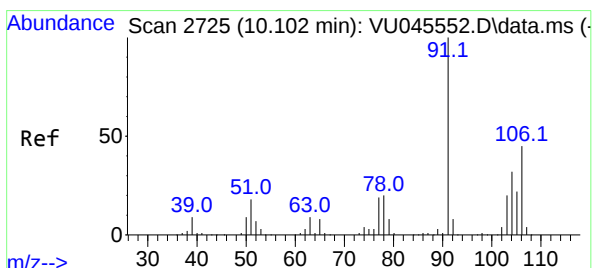
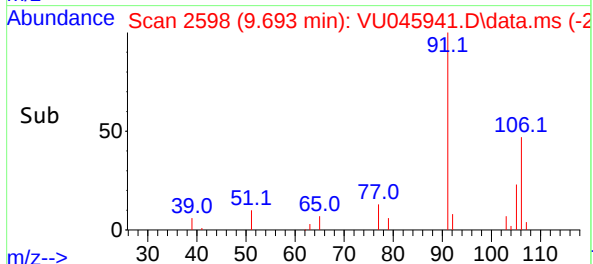
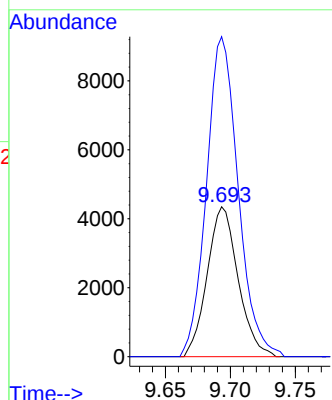
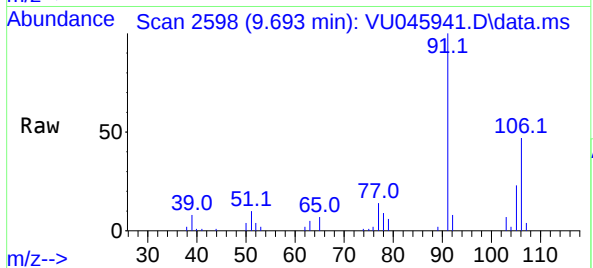




#68
m/p-Xylenes
Concen: 2.403 ug/l
RT: 9.693 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045941.D
Acq: 23 Nov 2021 02:30

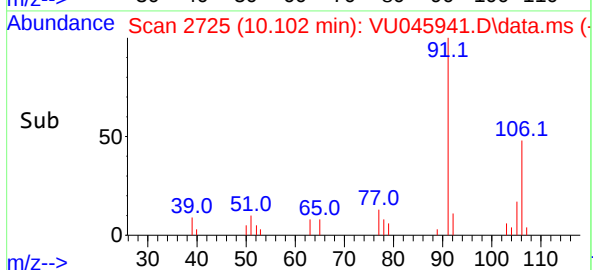
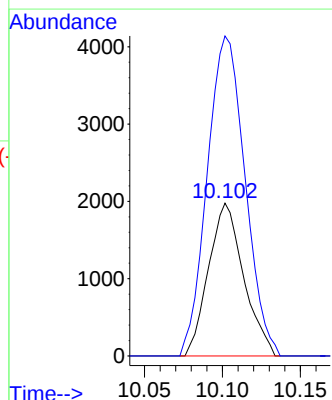
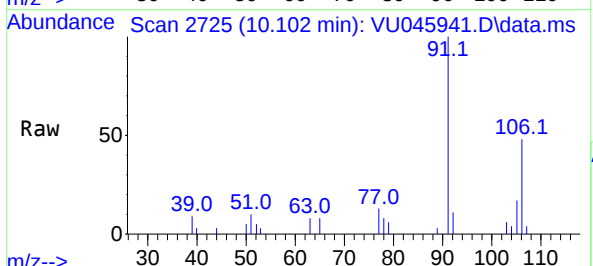
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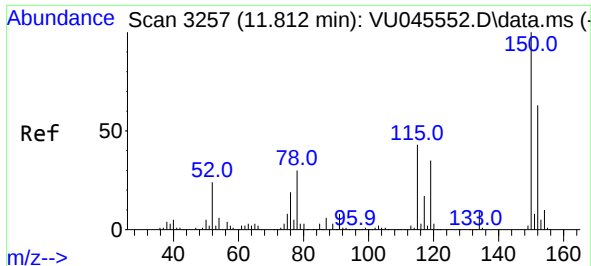
Tgt Ion:106 Resp: 7203
Ion Ratio Lower Upper
106 100
91 218.4 164.7 247.1



#69
o-Xylene
Concen: 1.062 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU045941.D
Acq: 23 Nov 2021 02:30

Tgt Ion:106 Resp: 3095
Ion Ratio Lower Upper
106 100
91 225.7 108.7 326.3

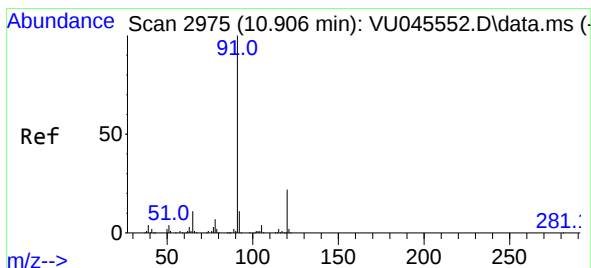
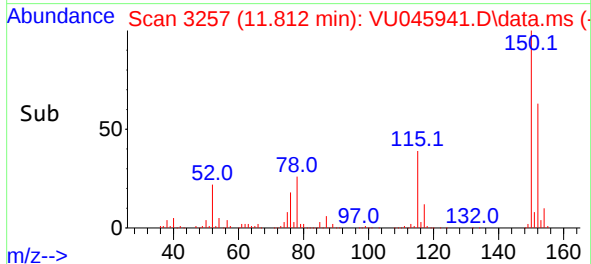
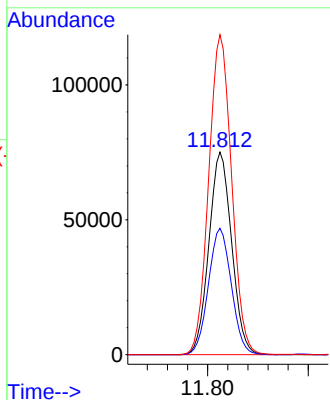
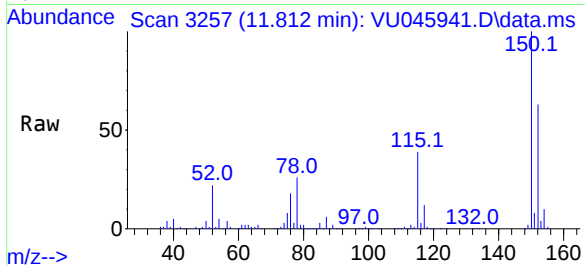




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU045941.D
Acq: 23 Nov 2021 02:30

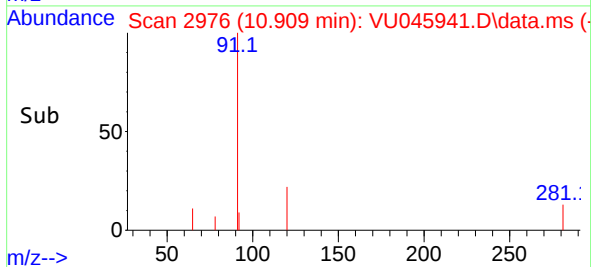
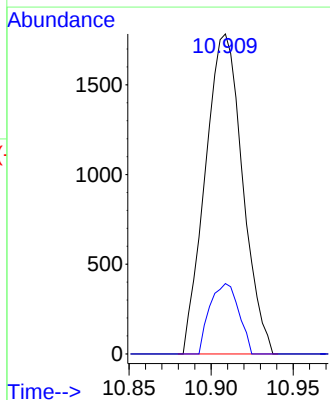
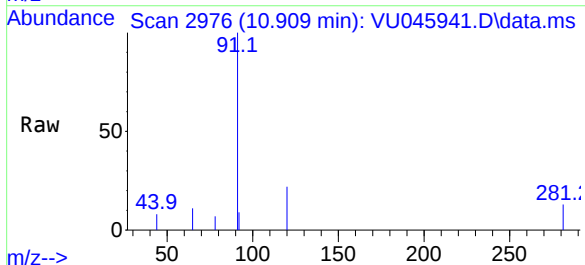
Instrument :
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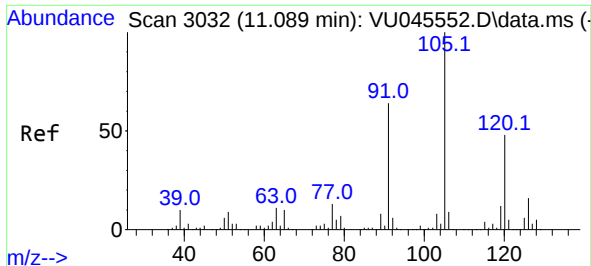
Tgt Ion:152 Resp: 118214
Ion Ratio Lower Upper
152 100
115 62.7 42.7 128.1
150 158.7 0.0 346.8



#78
n-propylbenzene
Concen: 0.293 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045941.D
Acq: 23 Nov 2021 02:30

Tgt Ion: 91 Resp: 2818
Ion Ratio Lower Upper
91 100
120 17.0 10.9 32.7

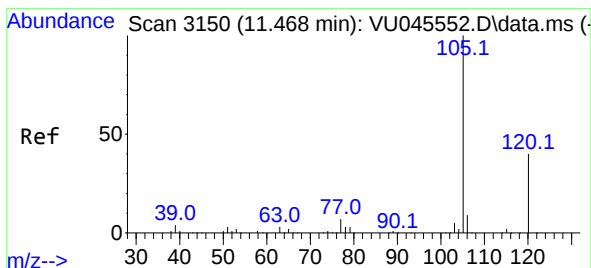
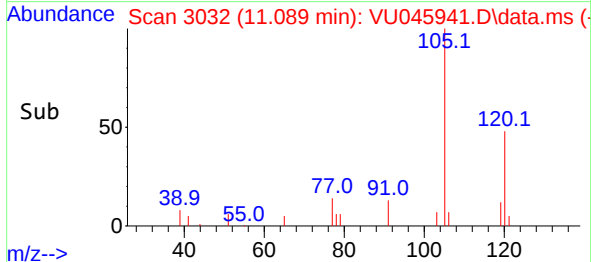
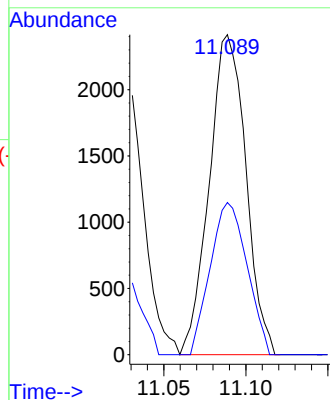
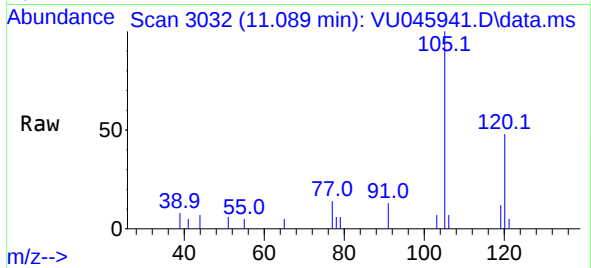




#80
1,3,5-Trimethylbenzene
Concen: 0.555 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU045941.D
Acq: 23 Nov 2021 02:30

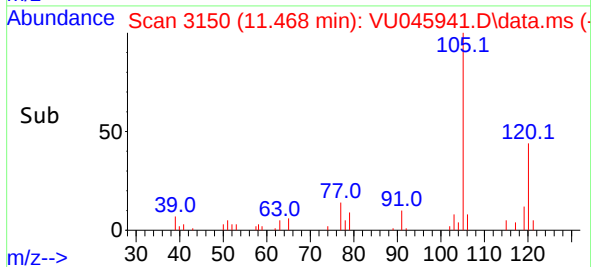
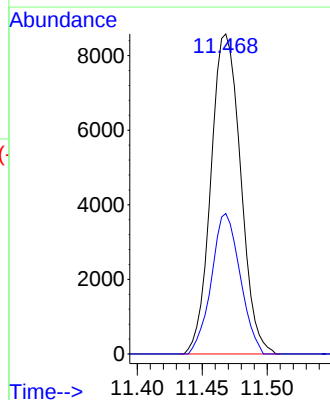
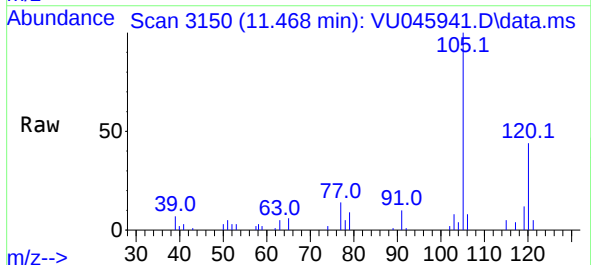
Instrument :
MSVOA_U
ClientSampleId :
40460

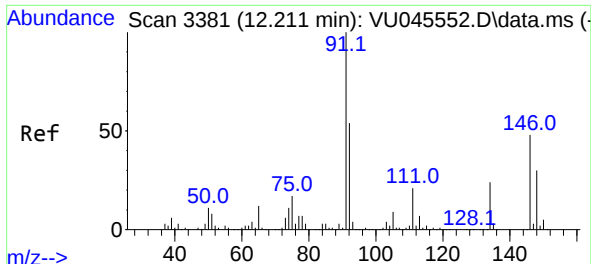
Tgt Ion:105 Resp: 3745
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.8



#84
1,2,4-Trimethylbenzene
Concen: 2.036 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU045941.D
Acq: 23 Nov 2021 02:30

Tgt Ion:105 Resp: 13656
Ion Ratio Lower Upper
105 100
120 42.3 22.2 66.6





#89

n-Butylbenzene

Concen: 0.276 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU045941.D

Acq: 23 Nov 2021 02:30

Instrument :

MSVOA_U

ClientSampleId :

40460

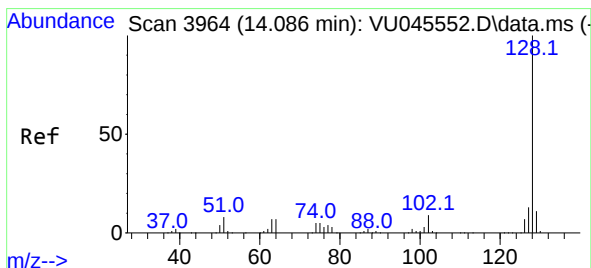
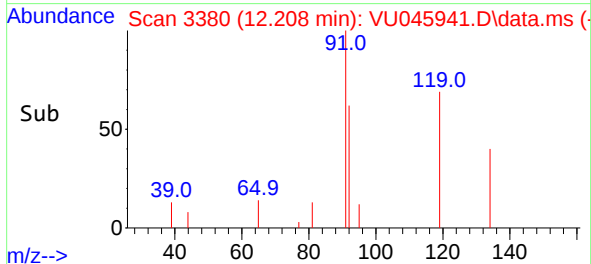
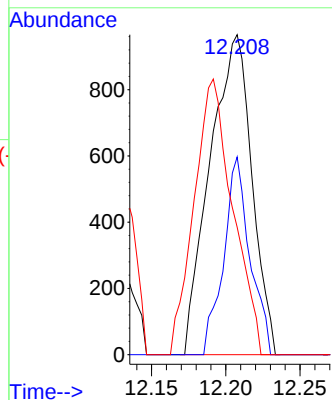
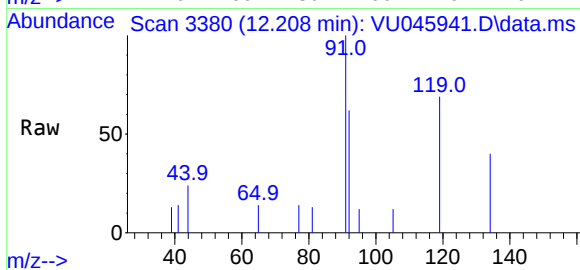
Tgt Ion: 91 Resp: 1893

Ion Ratio Lower Upper

91 100

92 38.7 27.1 81.2

134 79.5 11.8 35.4#



#95

Naphthalene

Concen: 1.573 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU045941.D

Acq: 23 Nov 2021 02:30

Tgt Ion:128 Resp: 5314

Ion Ratio Lower Upper

128 100

127 11.9 10.6 15.8

129 9.8 8.6 13.0

