

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044876.D
 Acq On : 26 Sep 2021 07:25
 Operator : SY/MD
 Sample : M3888-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 40459

Quant Time: Sep 27 03:19:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

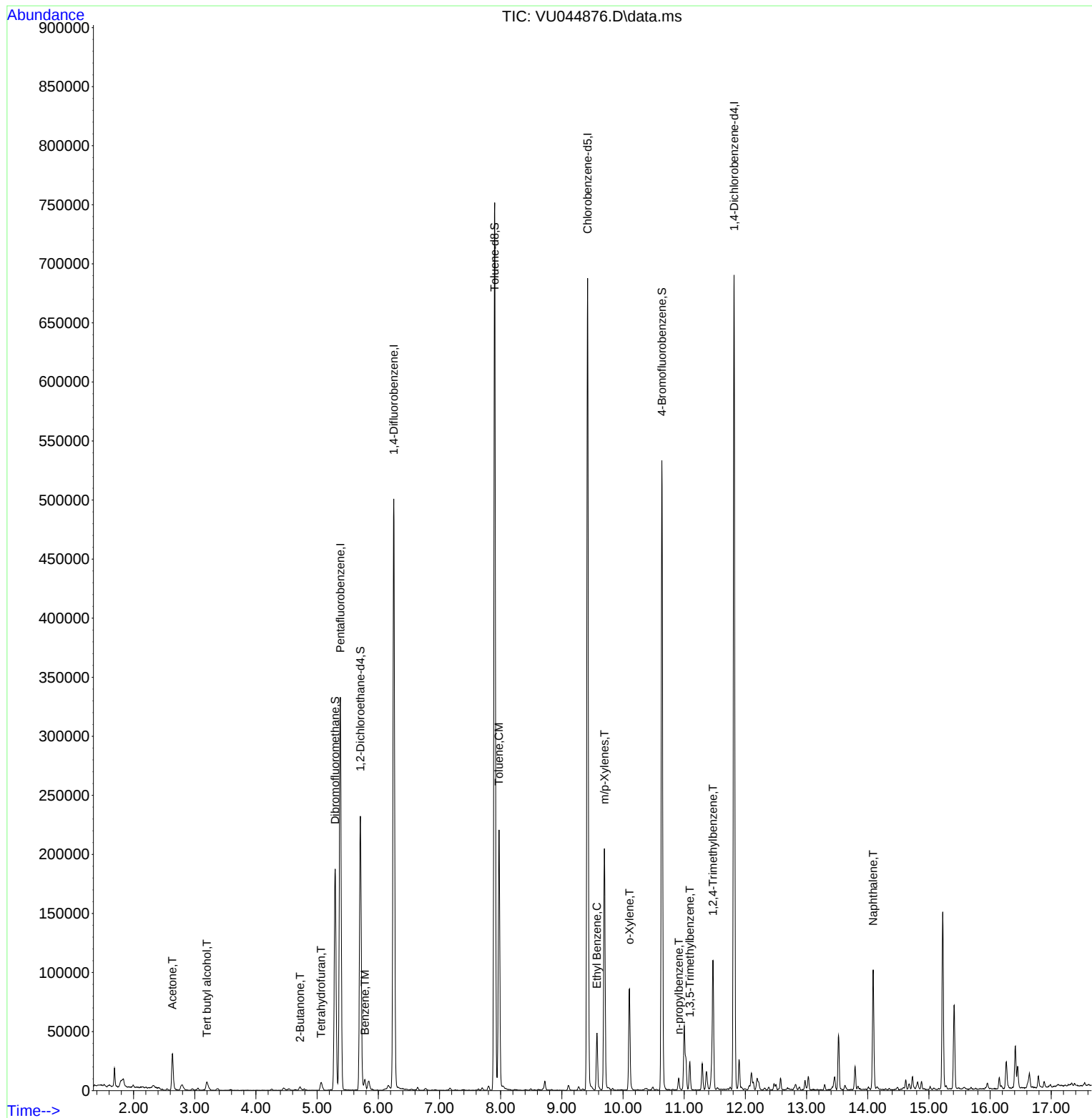
Internal Standards						
1) Pentafluorobenzene	5.379	168	217208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	383068	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	355377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	165920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	174257	45.968	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.940%	
35) Dibromofluoromethane	5.295	113	119821	45.596	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.200%	
50) Toluene-d8	7.903	98	486480	49.016	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.040%	
62) 4-Bromofluorobenzene	10.636	95	175185	47.522	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.199	59	11038	9.976	ug/l	96
16) Acetone	2.636	43	37641	17.603	ug/l	100
25) 2-Butanone	4.719	43	4845	1.493	ug/l #	85
29) Tetrahydrofuran	5.063	42	5014	2.456	ug/l	98
40) Benzene	5.780	78	7578	0.612	ug/l	99
52) Toluene	7.973	92	92873	12.536	ug/l	99
67) Ethyl Benzene	9.575	91	33742	2.562	ug/l	100
68) m/p-Xylenes	9.697	106	57759	11.468	ug/l	98
69) o-Xylene	10.105	106	23092	4.742	ug/l	98
78) n-propylbenzene	10.912	91	8256	0.579	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	12111	1.214	ug/l	97
84) 1,2,4-Trimethylbenzene	11.472	105	56226	5.717	ug/l	97
95) Naphthalene	14.089	128	77936	6.952	ug/l	99

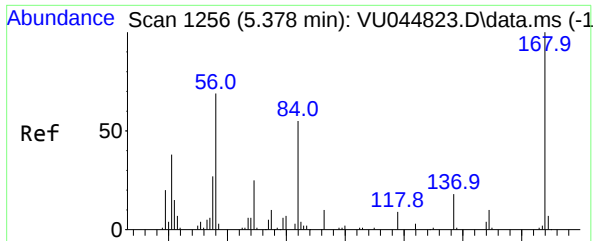
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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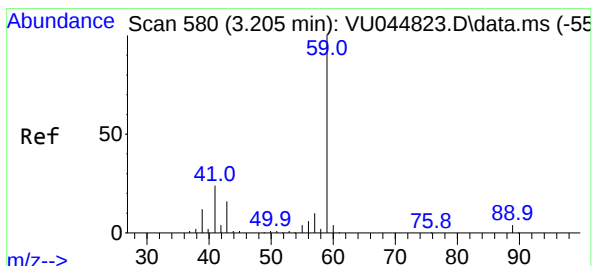
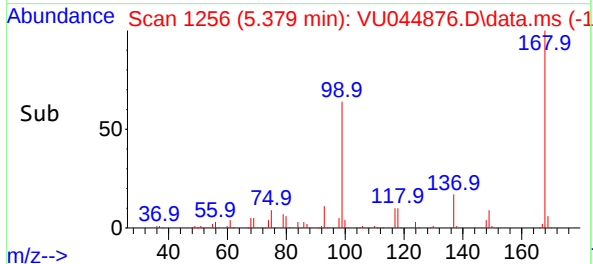
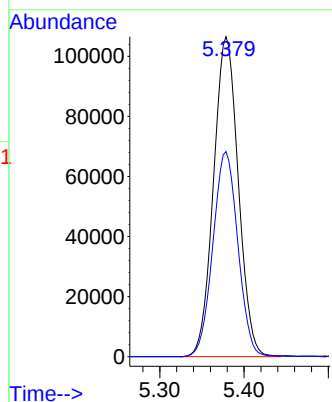
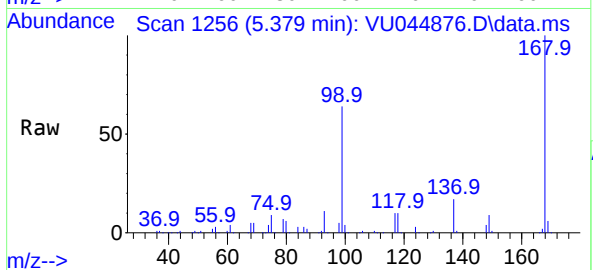




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.001 min
Lab File: VU044876.D
Acq: 26 Sep 2021 07:25

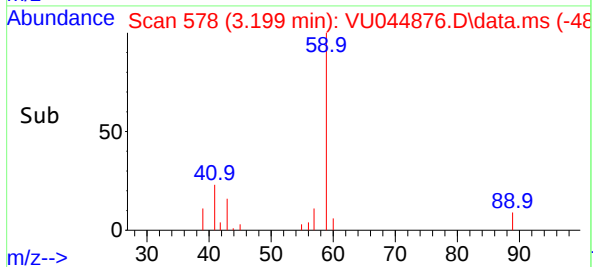
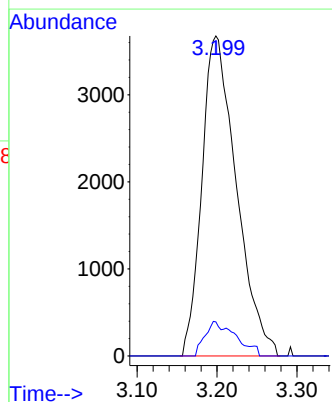
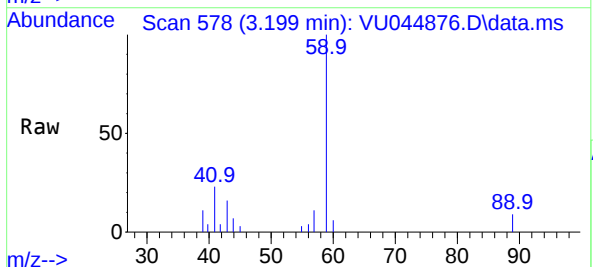
Instrument :
MSVOA_U
ClientSampleId :
40459

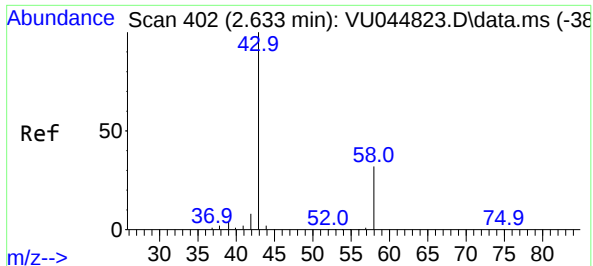
Tgt Ion:168 Resp: 217208
Ion Ratio Lower Upper
168 100
99 64.1 51.4 77.0



#11
Tert butyl alcohol
Concen: 9.976 ug/l
RT: 3.199 min Scan# 578
Delta R.T. -0.006 min
Lab File: VU044876.D
Acq: 26 Sep 2021 07:25

Tgt Ion: 59 Resp: 11038
Ion Ratio Lower Upper
59 100
57 9.0 8.3 12.5

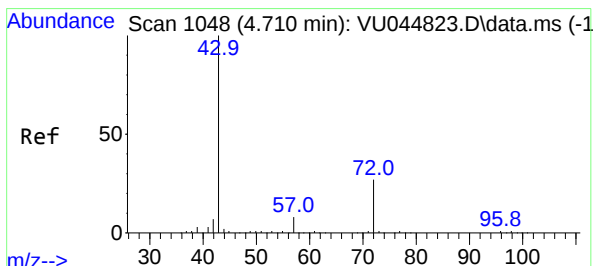
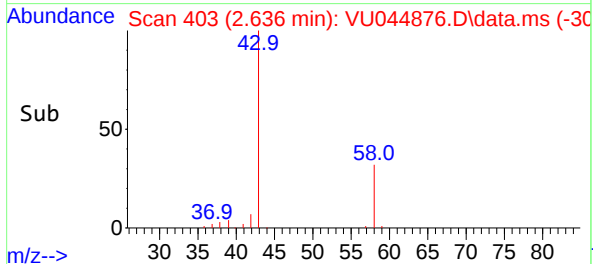
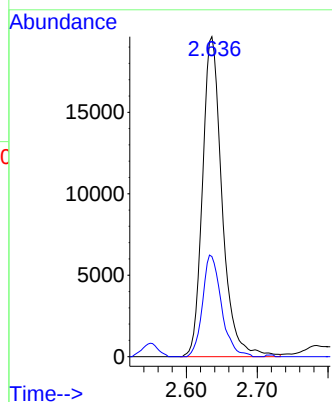
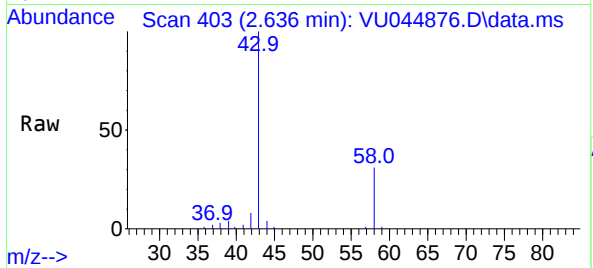




#16
Acetone
Concen: 17.603 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.003 min
Lab File: VU044876.D
Acq: 26 Sep 2021 07:25

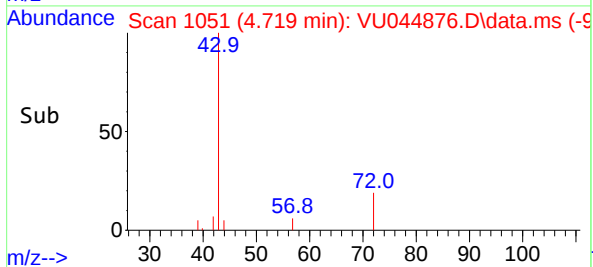
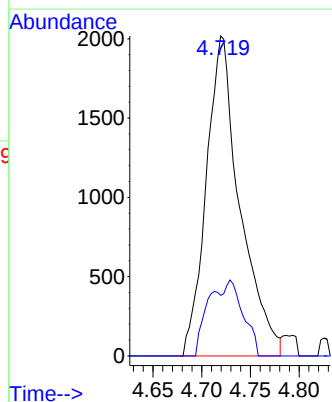
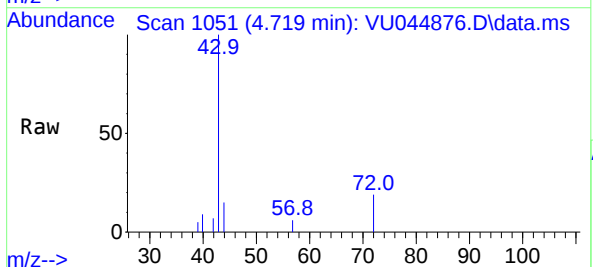
Instrument :
MSVOA_U
ClientSampleId :
40459

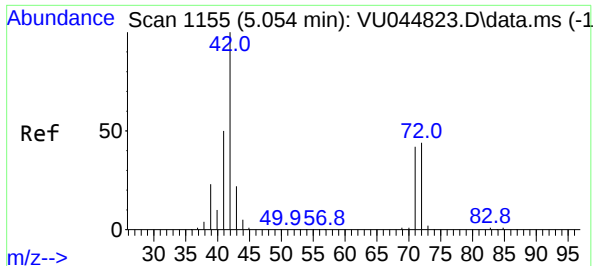
Tgt Ion: 43 Resp: 37641
Ion Ratio Lower Upper
43 100
58 31.3 25.2 37.8



#25
2-Butanone
Concen: 1.493 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.010 min
Lab File: VU044876.D
Acq: 26 Sep 2021 07:25

Tgt Ion: 43 Resp: 4845
Ion Ratio Lower Upper
43 100
72 18.9 21.3 31.9#





#29

Tetrahydrofuran

Concen: 2.456 ug/l

RT: 5.063 min Scan# 1158

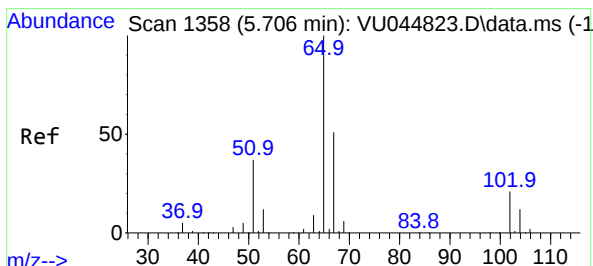
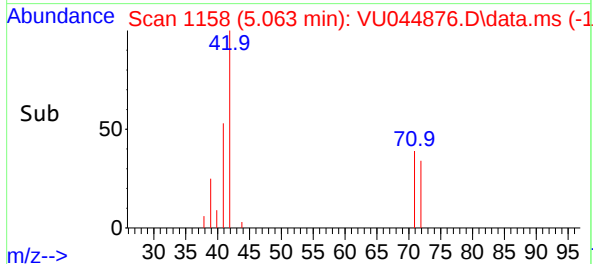
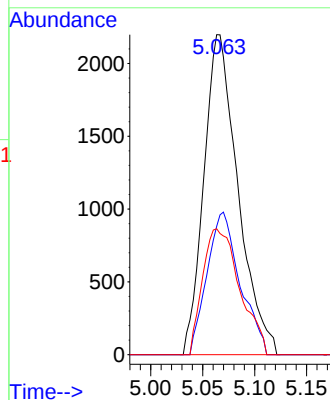
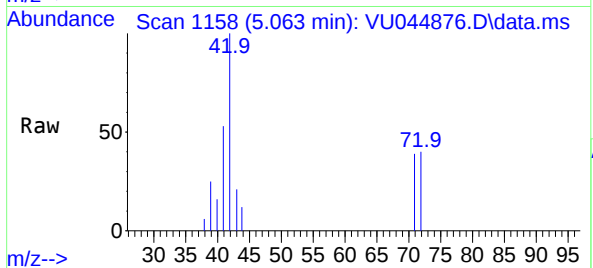
Delta R.T. 0.010 min

Lab File: VU044876.D

Acq: 26 Sep 2021 07:25

Instrument :
MSVOA_U
ClientSampled :
40459

Tgt Ion:	42	Resp:	5014
Ion	Ratio	Lower	Upper
42	100		
72	43.2	36.2	54.4
71	42.8	34.1	51.1



#33

1,2-Dichloroethane-d4

Concen: 45.968 ug/l

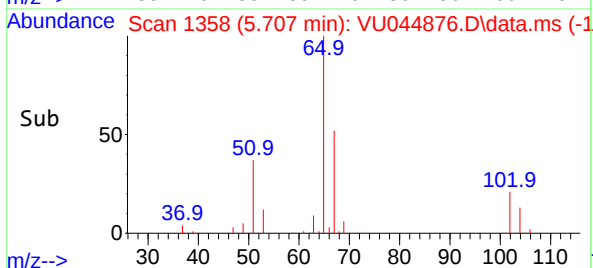
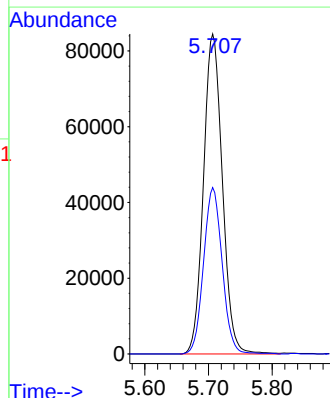
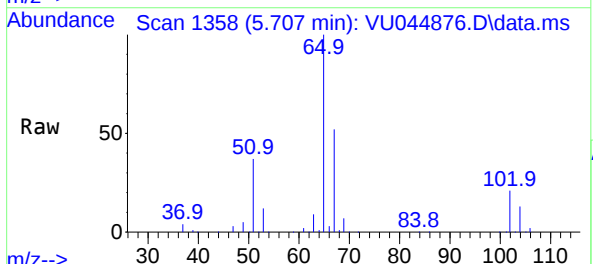
RT: 5.707 min Scan# 1358

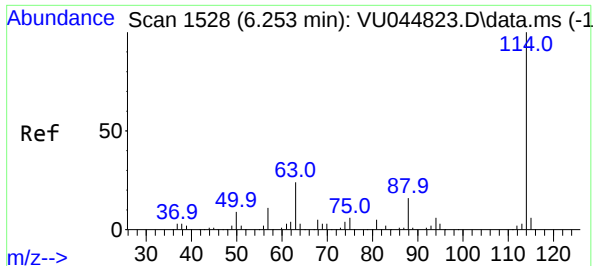
Delta R.T. 0.000 min

Lab File: VU044876.D

Acq: 26 Sep 2021 07:25

Tgt Ion:	65	Resp:	174257
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.8

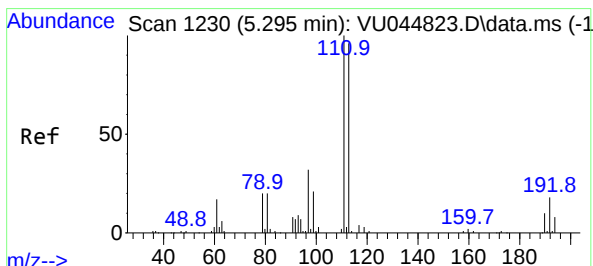
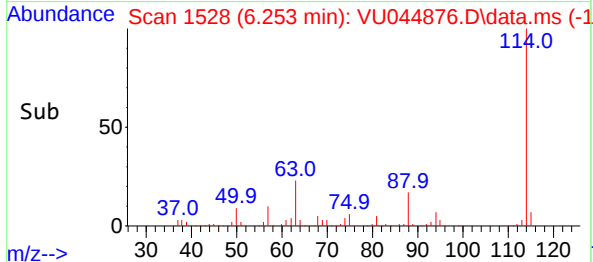
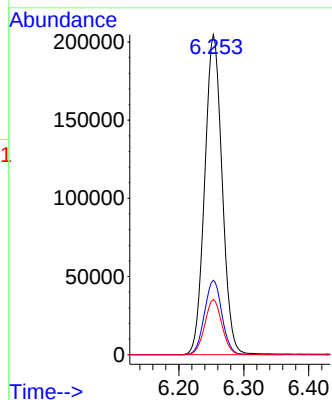
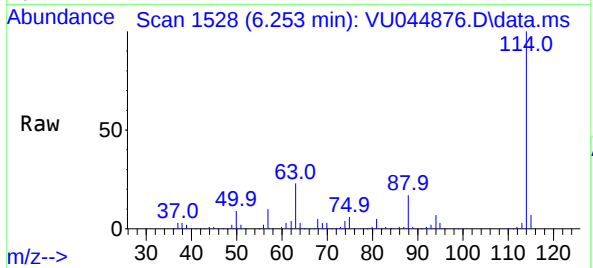




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU044876.D
Acq: 26 Sep 2021 07:25

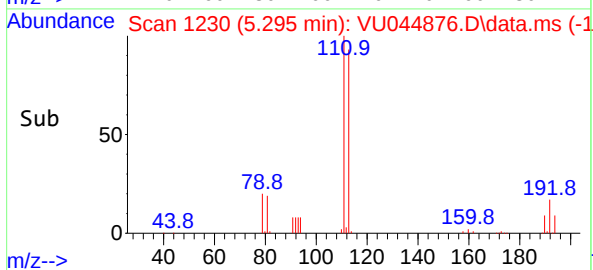
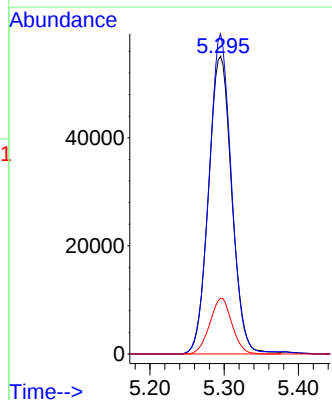
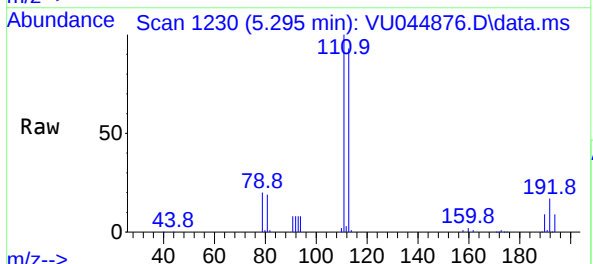
Instrument :
MSVOA_U
ClientSampleId :
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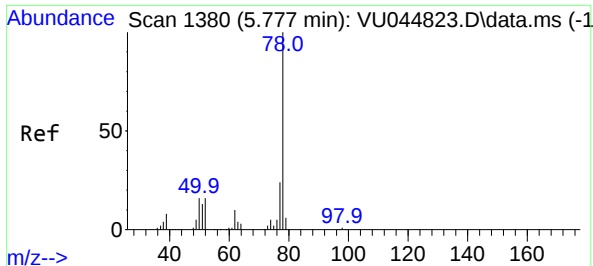
Tgt Ion:114 Resp: 383068
Ion Ratio Lower Upper
114 100
63 23.3 0.0 47.8
88 17.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 45.596 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VU044876.D
Acq: 26 Sep 2021 07:25

Tgt Ion:113 Resp: 119821
Ion Ratio Lower Upper
113 100
111 102.9 84.1 126.1
192 17.8 14.8 22.2

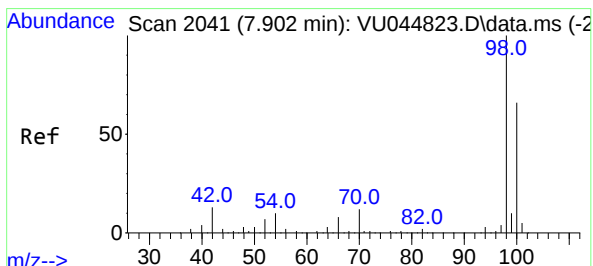
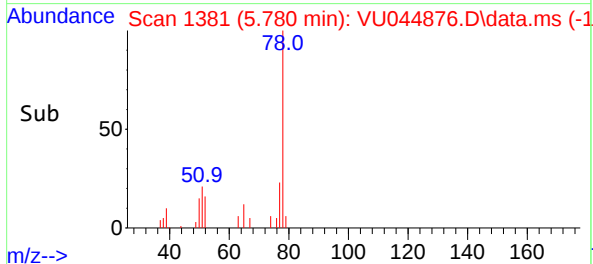
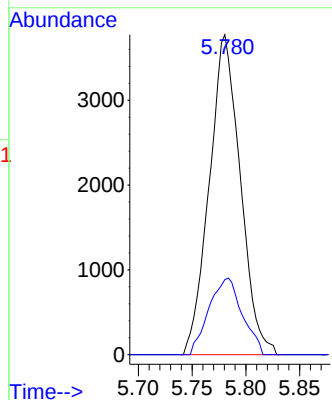
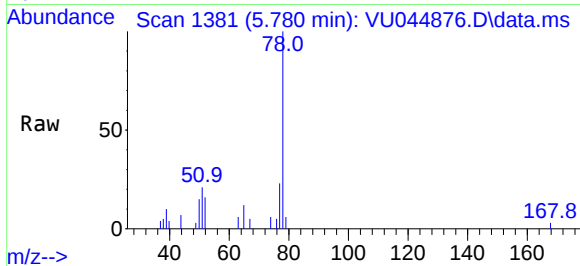




#40
Benzene
Concen: 0.612 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU044876.D
Acq: 26 Sep 2021 07:25

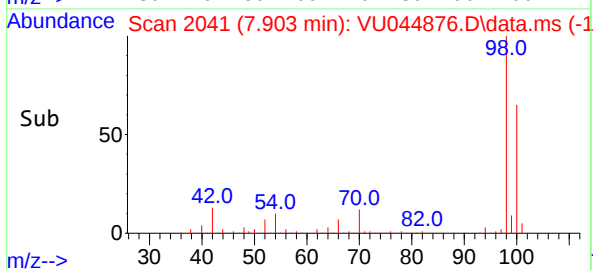
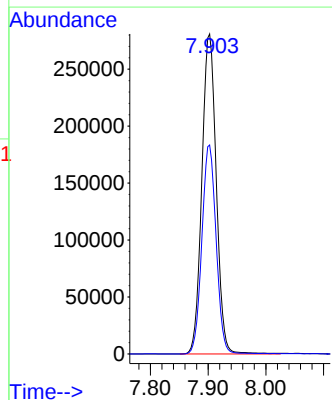
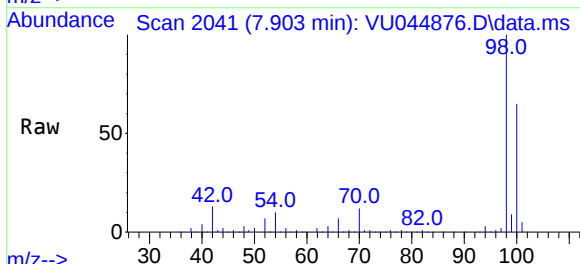
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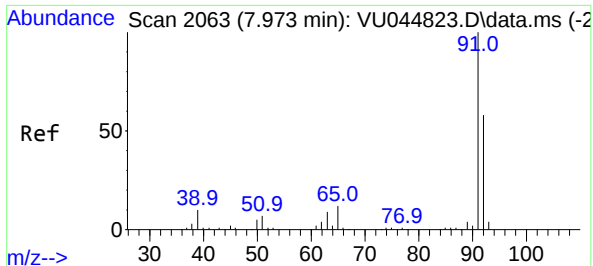
Tgt Ion: 78 Resp: 7578
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7



#50
Toluene-d8
Concen: 49.016 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044876.D
Acq: 26 Sep 2021 07:25

Tgt Ion: 98 Resp: 486480
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7

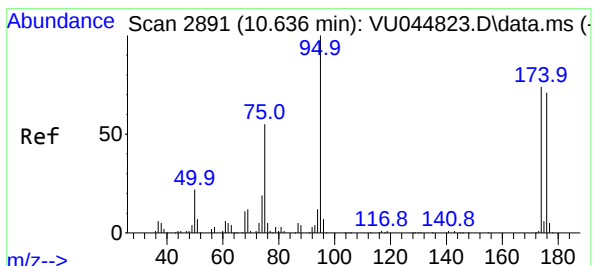
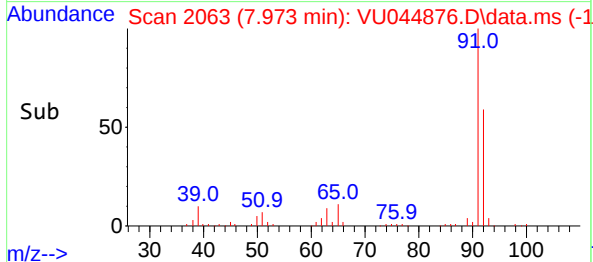
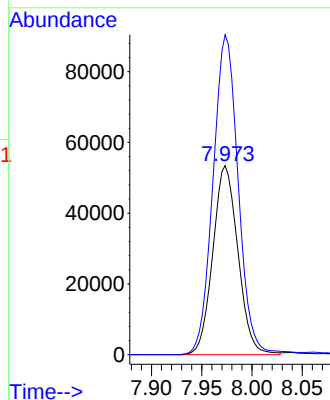
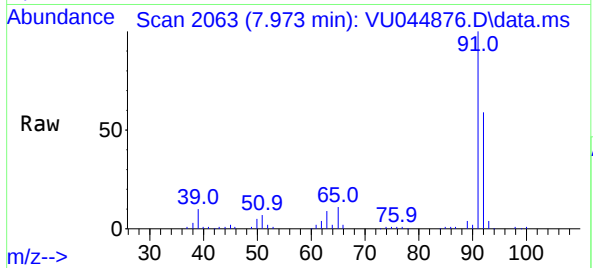




#52
Toluene
Concen: 12.536 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044876.D
Acq: 26 Sep 2021 07:25

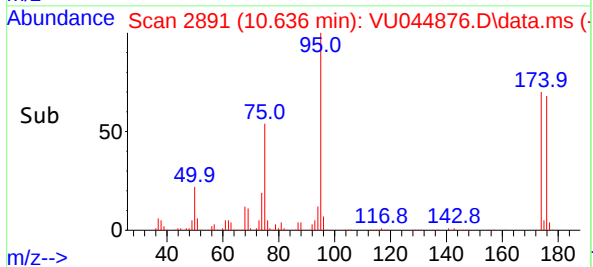
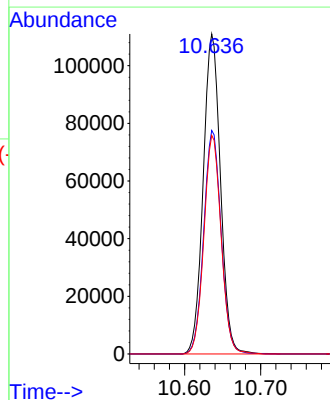
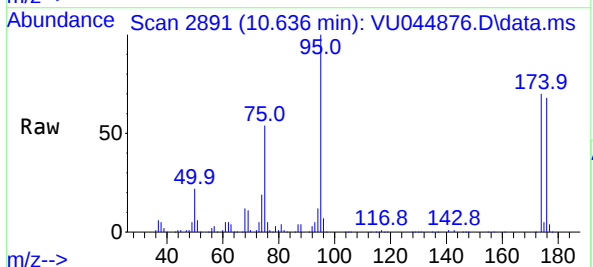
Instrument :
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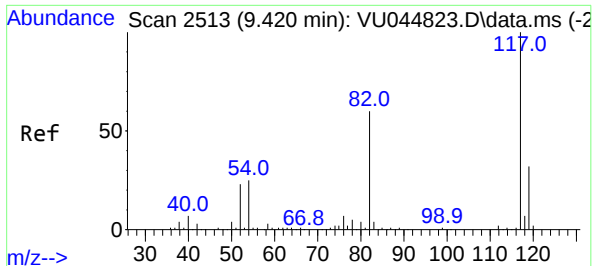
Tgt Ion: 92 Resp: 92873
Ion Ratio Lower Upper
92 100
91 170.3 136.9 205.3



#62
4-Bromofluorobenzene
Concen: 47.522 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044876.D
Acq: 26 Sep 2021 07:25

Tgt Ion: 95 Resp: 175185
Ion Ratio Lower Upper
95 100
174 70.3 0.0 146.6
176 68.0 0.0 141.2

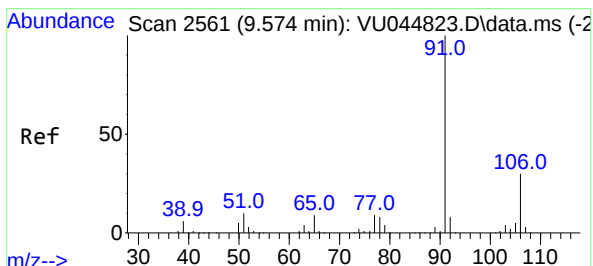
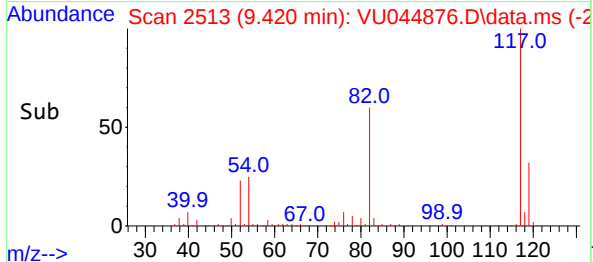
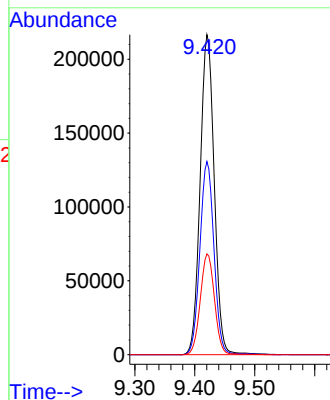
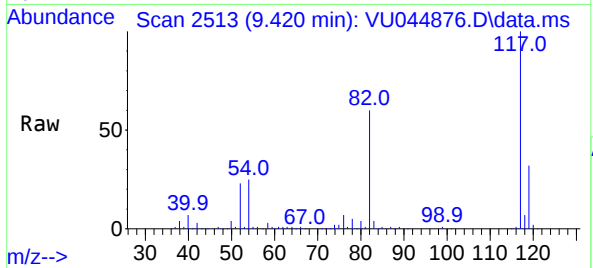




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044876.D
Acq: 26 Sep 2021 07:25

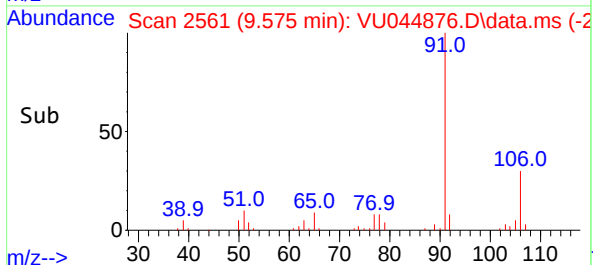
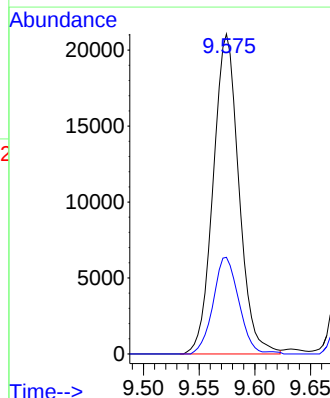
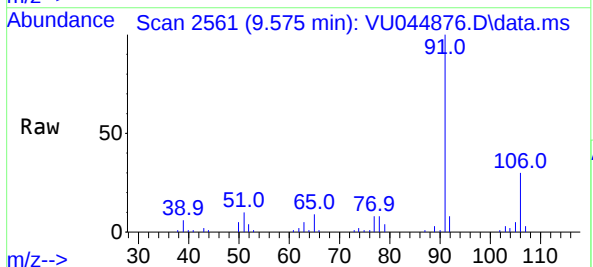
Instrument :
MSVOA_U
ClientSampled :
40459

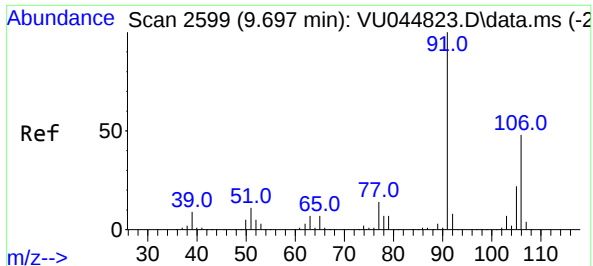
Tgt Ion:117 Resp: 355377
Ion Ratio Lower Upper
117 100
82 60.4 47.8 71.8
119 31.5 25.8 38.6



#67
Ethyl Benzene
Concen: 2.562 ug/l
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU044876.D
Acq: 26 Sep 2021 07:25

Tgt Ion: 91 Resp: 33742
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5

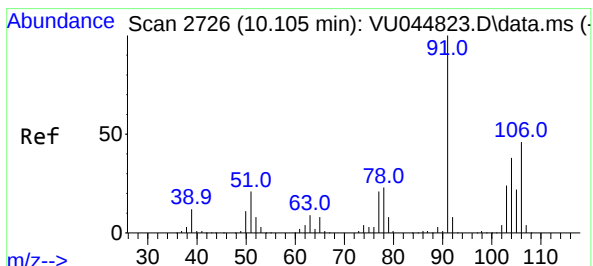
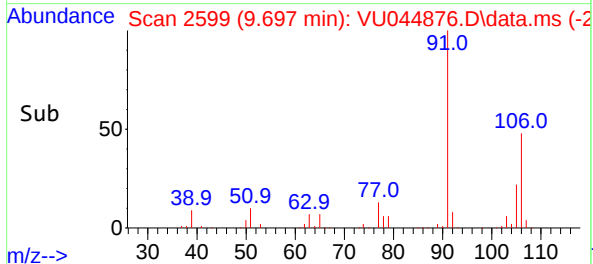
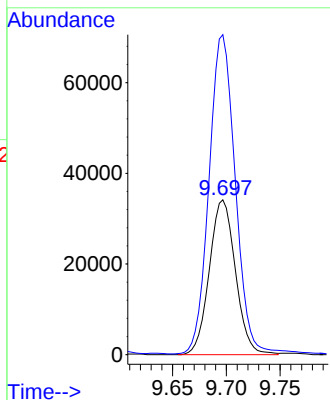
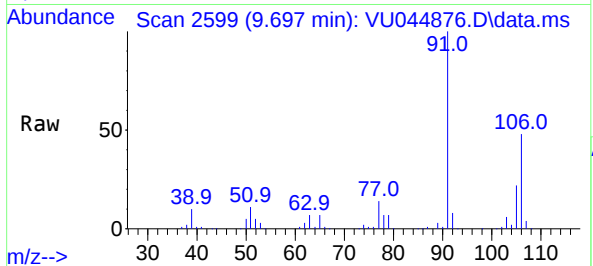




#68
m/p-Xylenes
Concen: 11.468 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU044876.D
Acq: 26 Sep 2021 07:25

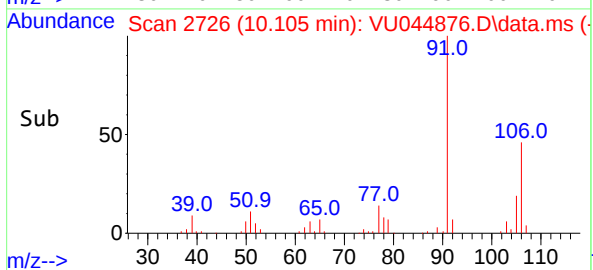
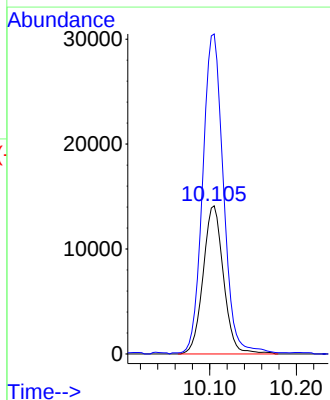
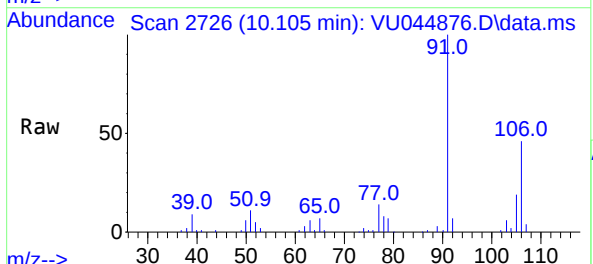
Instrument :
MSVOA_U
ClientSampled :
40459

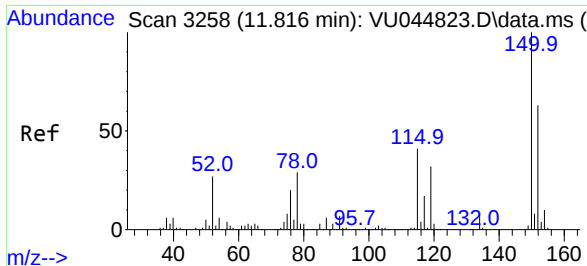
Tgt Ion:106 Resp: 57759
Ion Ratio Lower Upper
106 100
91 208.7 164.2 246.2



#69
o-Xylene
Concen: 4.742 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044876.D
Acq: 26 Sep 2021 07:25

Tgt Ion:106 Resp: 23092
Ion Ratio Lower Upper
106 100
91 221.2 108.9 326.7

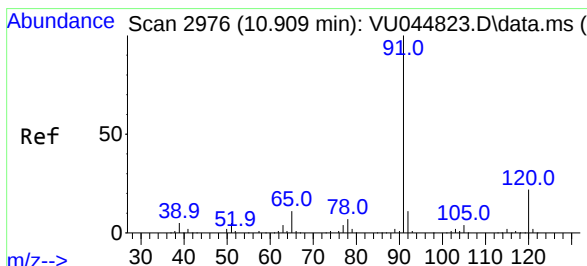
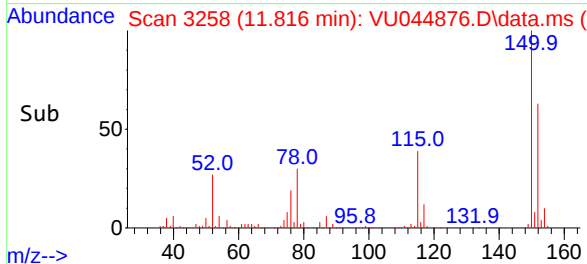
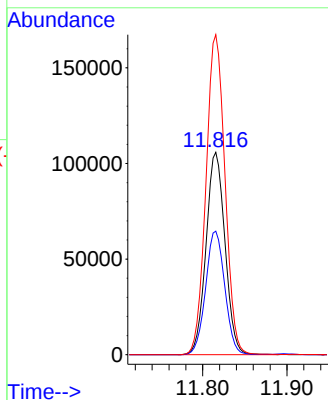
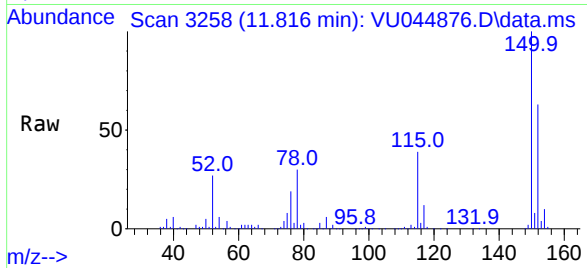




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044876.D
Acq: 26 Sep 2021 07:25

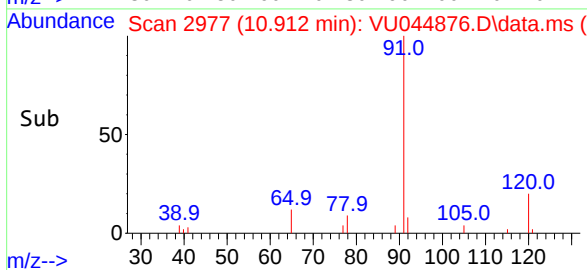
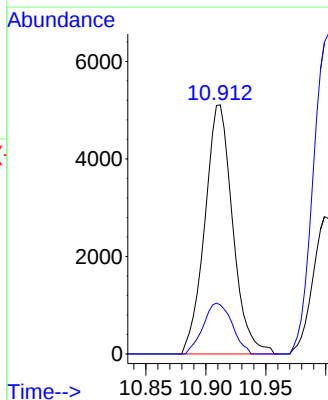
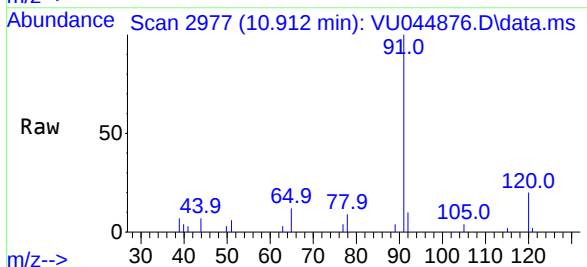
Instrument :
MSVOA_U
ClientSampled :
40459

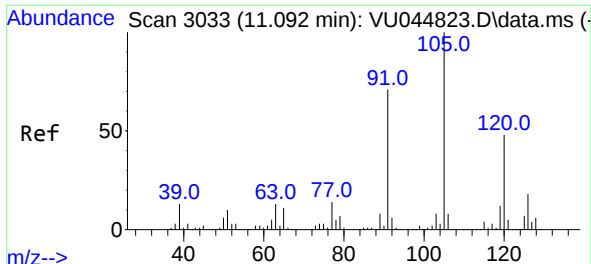
Tgt Ion:152 Resp: 165920
Ion Ratio Lower Upper
152 100
115 61.5 43.5 130.7
150 158.3 0.0 350.0



#78
n-propylbenzene
Concen: 0.579 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.003 min
Lab File: VU044876.D
Acq: 26 Sep 2021 07:25

Tgt Ion: 91 Resp: 8256
Ion Ratio Lower Upper
91 100
120 21.1 10.8 32.4

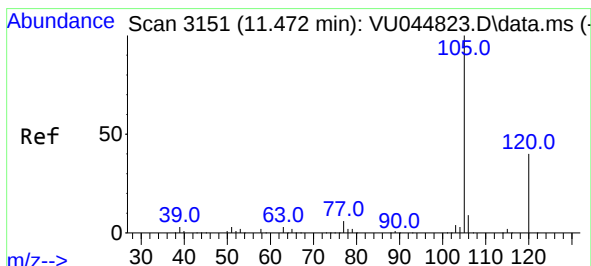
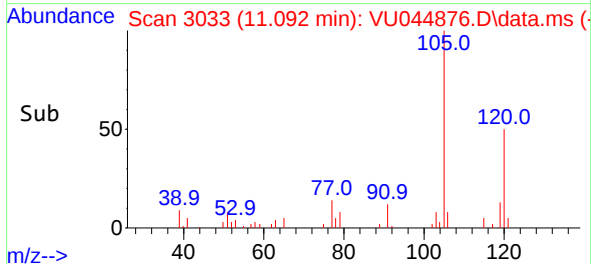
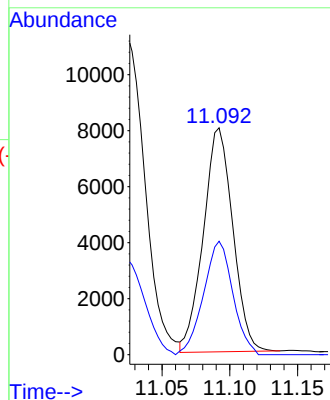
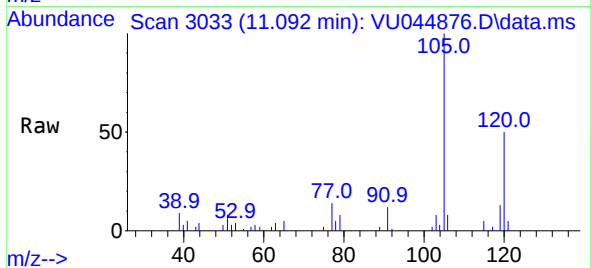




#80
1,3,5-Trimethylbenzene
Concen: 1.214 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044876.D
Acq: 26 Sep 2021 07:25

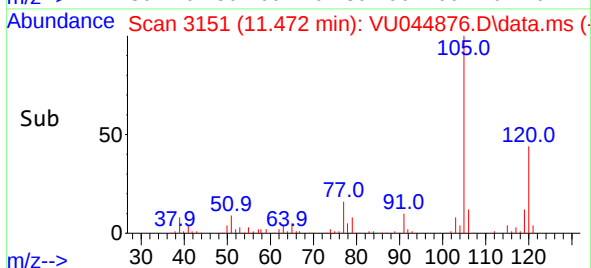
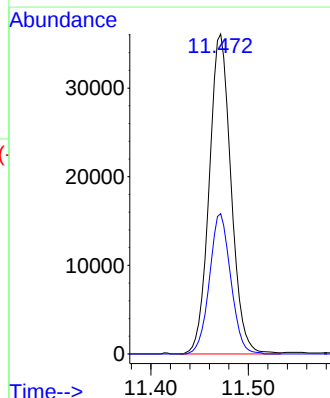
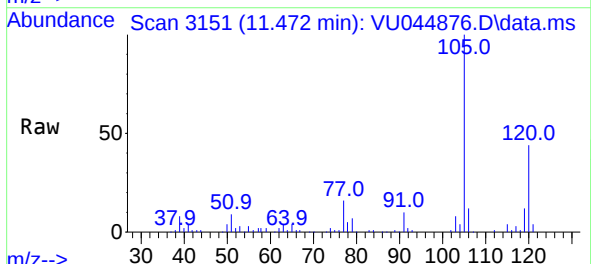
Instrument :
MSVOA_U
ClientSampled :
40459

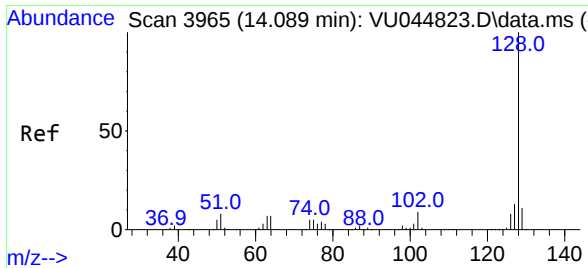
Tgt Ion:105 Resp: 12111
Ion Ratio Lower Upper
105 100
120 50.3 24.1 72.2



#84
1,2,4-Trimethylbenzene
Concen: 5.717 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044876.D
Acq: 26 Sep 2021 07:25

Tgt Ion:105 Resp: 56226
Ion Ratio Lower Upper
105 100
120 42.6 22.4 67.3





#95
Naphthalene
Concen: 6.952 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU044876.D
Acq: 26 Sep 2021 07:25

Instrument :
MSVOA_U
ClientSampleId :
40459

Tgt Ion:128	Resp:	77936
Ion	Ratio	Lower Upper
128	100	
127	12.4	10.4 15.6
129	11.0	8.6 13.0

