

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
 Data File : VU046098.D
 Acq On : 04 Dec 2021 17:06
 Operator : SY/MD
 Sample : M4942-01 10X
 Misc : 5.85g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 05 08:16:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

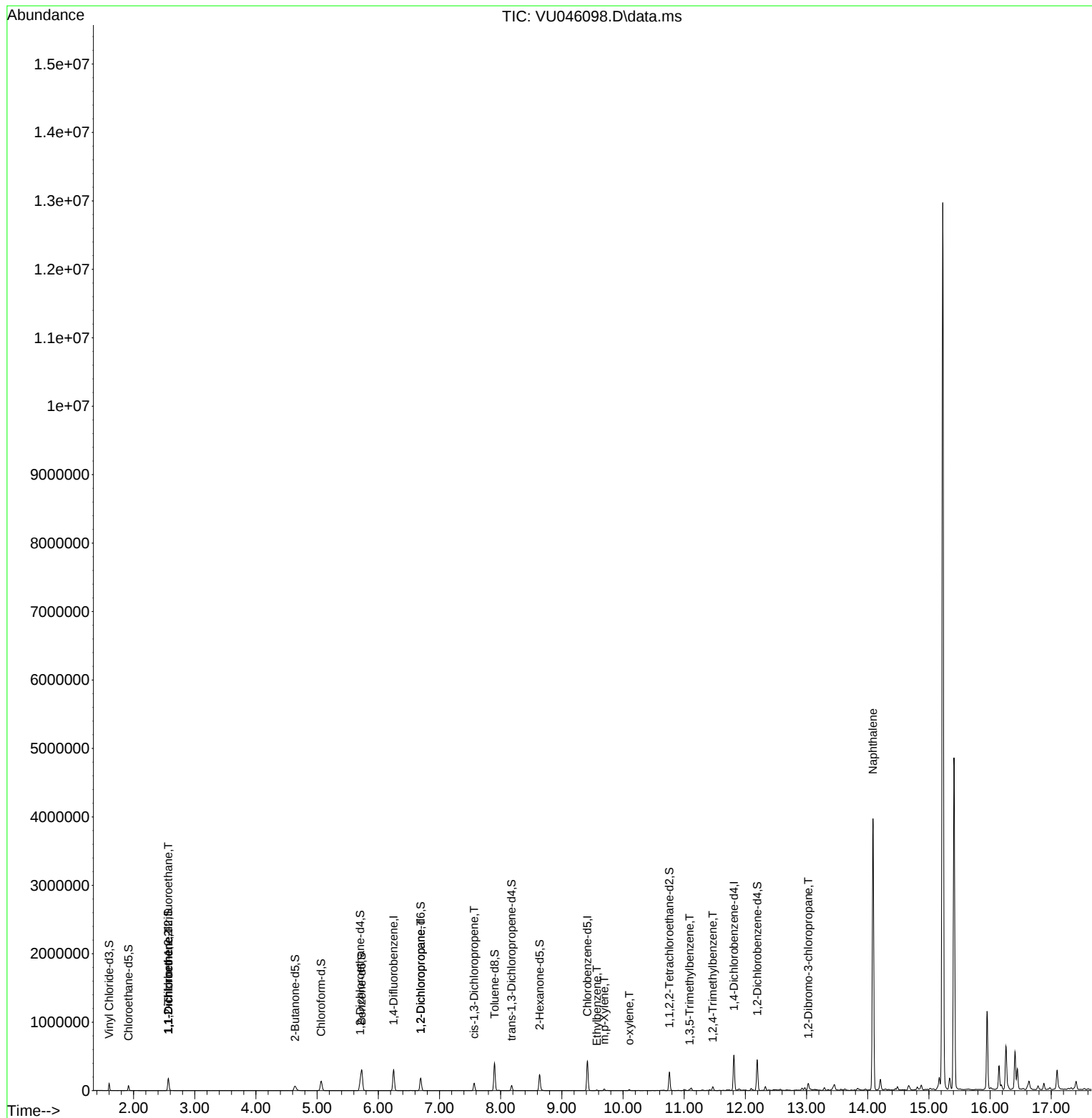
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	259824	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	251483	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	138423	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	72173	33.721	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.440%		
7) Chloroethane-d5	1.916	69	54441	33.129	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	66.260%#		
11) 1,1-Dichloroethene-d2	2.568	63	104223	27.126	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.260%#		
21) 2-Butanone-d5	4.639	46	115385	67.816	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	67.820%		
24) Chloroform-d	5.067	84	129285	36.172	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.340%		
26) 1,2-Dichloroethane-d4	5.703	65	87384	36.430	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.860%		
32) Benzene-d6	5.729	84	295380	40.980	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.960%		
36) 1,2-Dichloropropane-d6	6.694	67	89901	40.245	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.480%		
41) Toluene-d8	7.899	98	273422	41.662	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.320%		
43) trans-1,3-Dichloroprop...	8.179	79	43381	40.229	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.460%		
47) 2-Hexanone-d5	8.636	63	91513	86.402	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.400%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	129535	38.236	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	76.480%		
66) 1,2-Dichlorobenzene-d4	12.195	152	112949	42.370	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.740%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	931	0.492	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	766	0.426	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	9369	4.699	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	2540	0.837	ug/L #	70
52) Ethylbenzene	9.571	91	7892	0.898	ug/L	96
53) m,p-Xylene	9.694	106	7485	2.184	ug/L	91
54) o-xylene	10.102	106	4352	1.308	ug/L	91
62) 1,3,5-Trimethylbenzene	11.089	105	10112	1.347	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	30914	4.116	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.028	75	1488	1.841	ug/L #	3
71) Naphthalene	14.086	128	3198773	332.310	ug/L	100

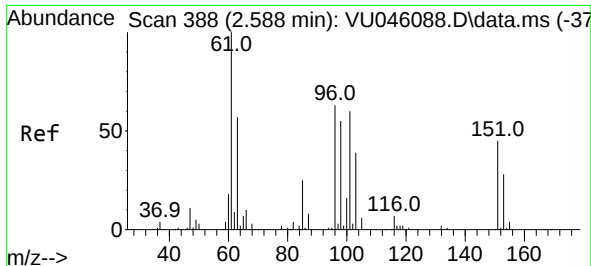
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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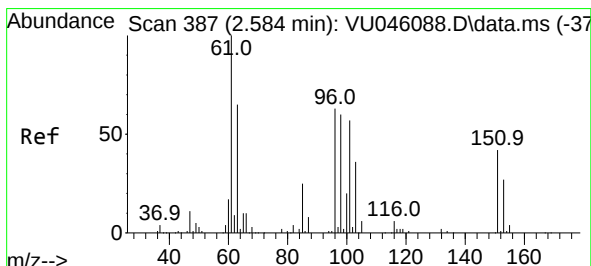
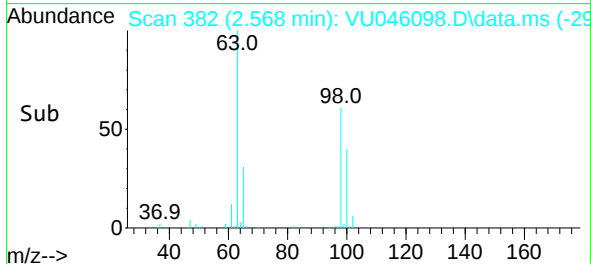
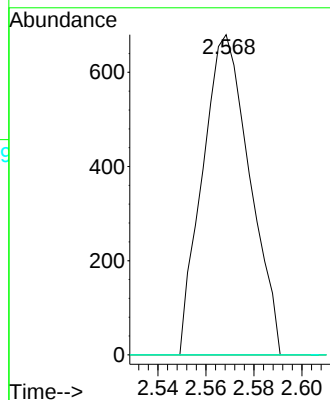
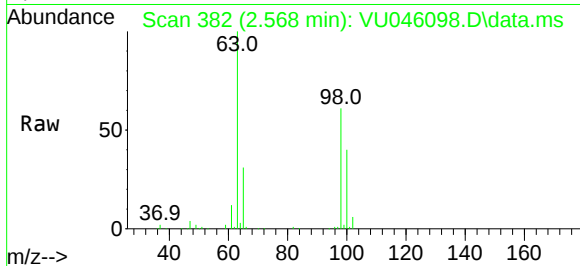




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.492 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.019 min
Lab File: VU046098.D
Acq: 04 Dec 2021 17:06

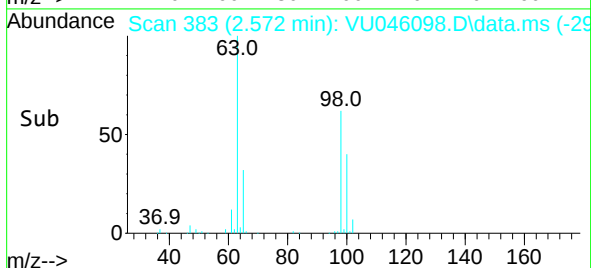
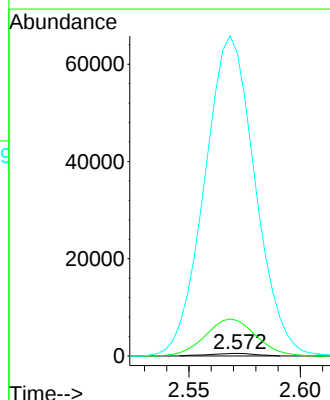
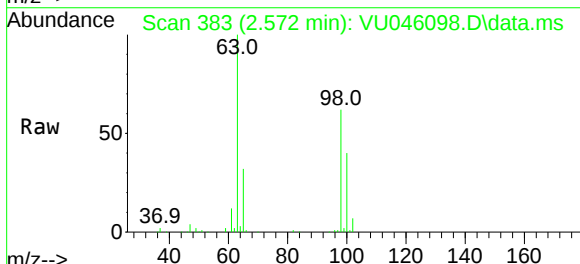
Instrument :
MSVOA_U
ClientSampleId :

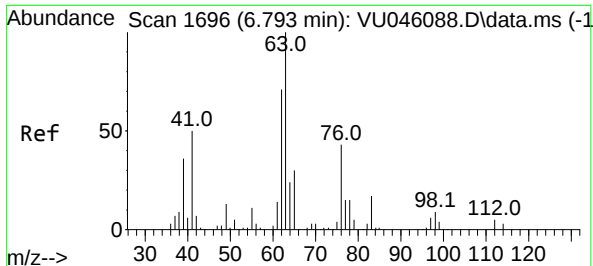
Tgt Ion:101 Resp: 931
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.426 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU046098.D
Acq: 04 Dec 2021 17:06

Tgt Ion: 96 Resp: 766
Ion Ratio Lower Upper
96 100
61 1398.9 118.6 220.2#
63 11960.2 93.0 172.8#





#37

1,2-Dichloropropane

Concen: 4.699 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046098.D

Acq: 04 Dec 2021 17:06

Instrument :

MSVOA_U

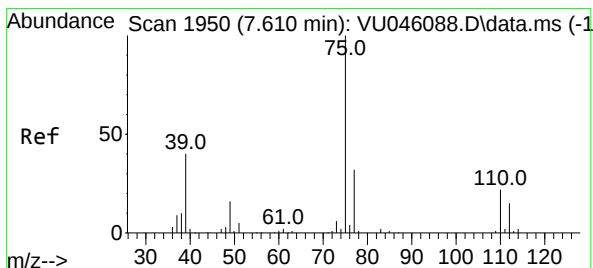
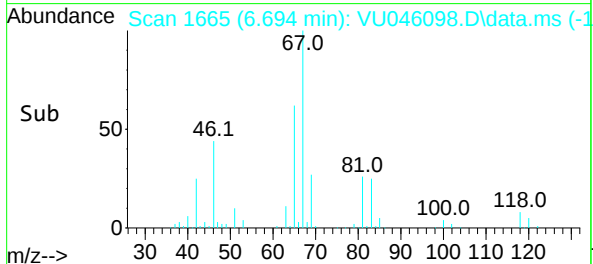
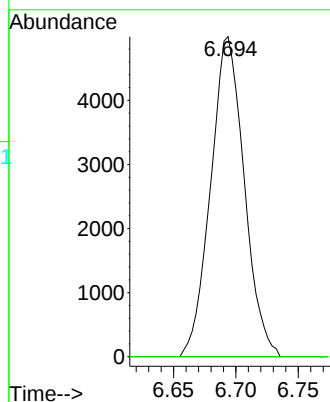
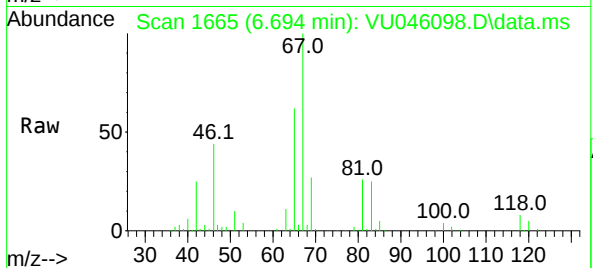
ClientSampleId :

Tgt Ion: 63 Resp: 9369

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.837 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046098.D

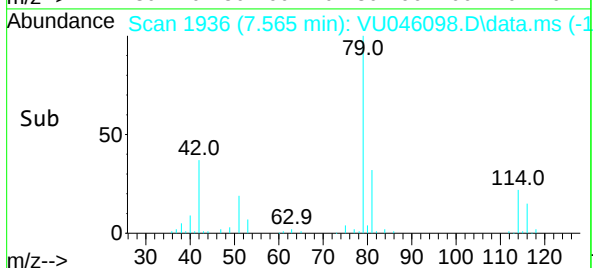
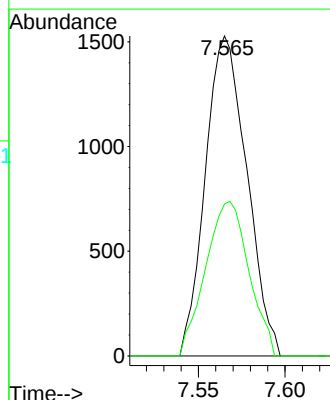
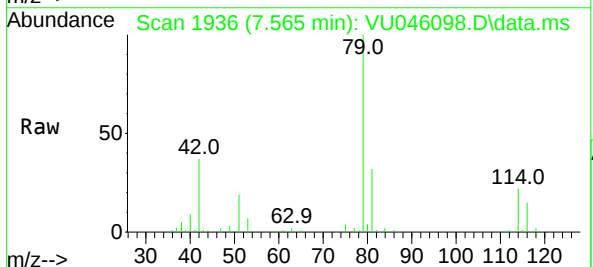
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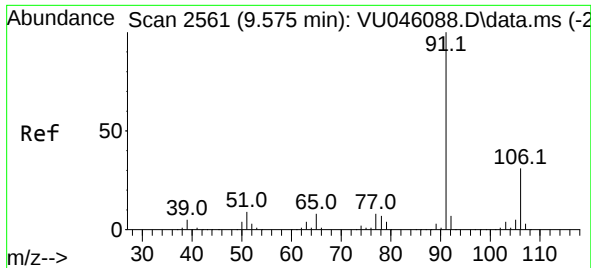
Tgt Ion: 75 Resp: 2540

Ion Ratio Lower Upper

75 100

77 47.5 21.8 40.6#

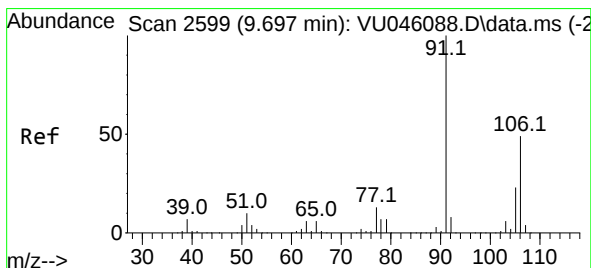
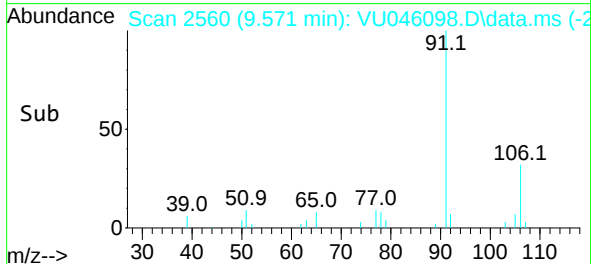
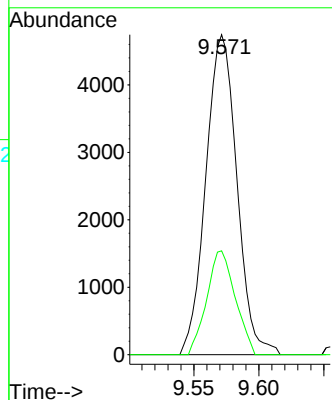
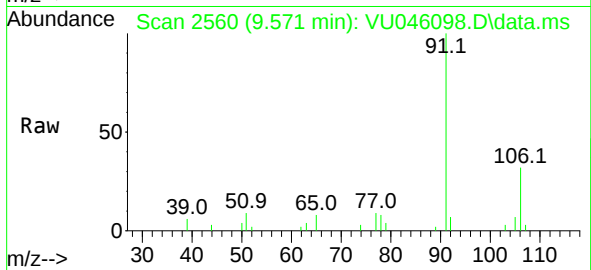




#52
Ethylbenzene
Concen: 0.898 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU046098.D
Acq: 04 Dec 2021 17:06

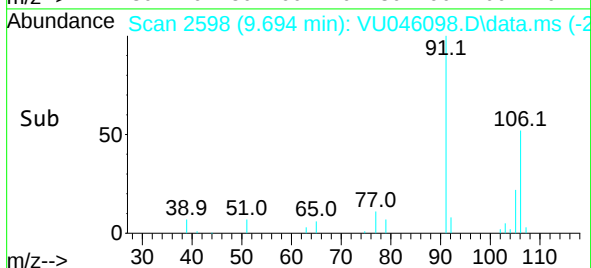
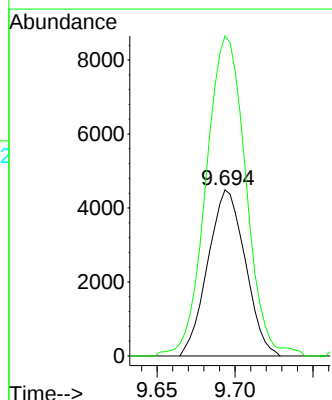
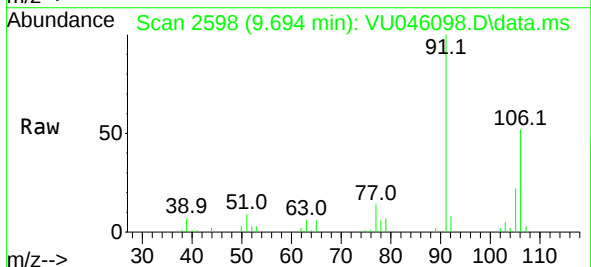
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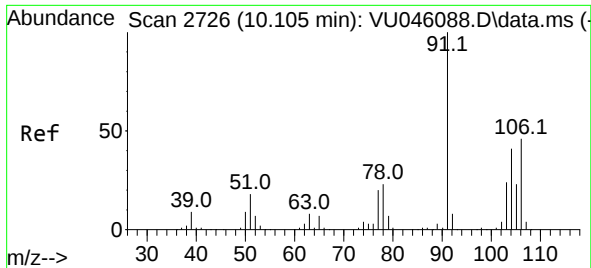
Tgt Ion: 91 Resp: 7892
Ion Ratio Lower Upper
91 100
106 32.5 21.1 39.3



#53
m,p-Xylene
Concen: 2.184 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046098.D
Acq: 04 Dec 2021 17:06

Tgt Ion: 106 Resp: 7485
Ion Ratio Lower Upper
106 100
91 192.7 144.3 268.1

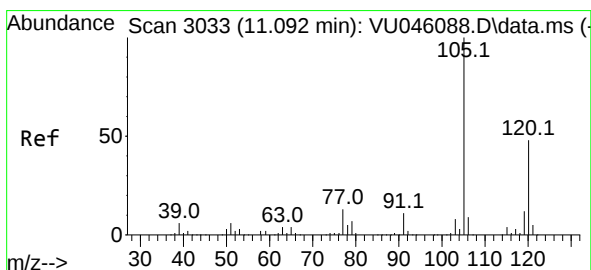
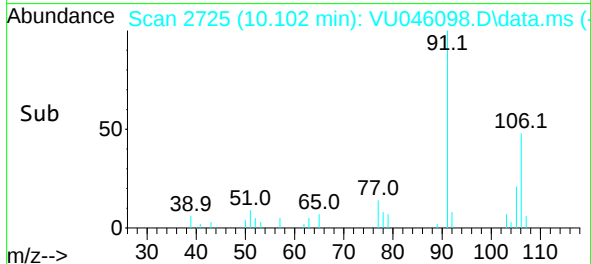
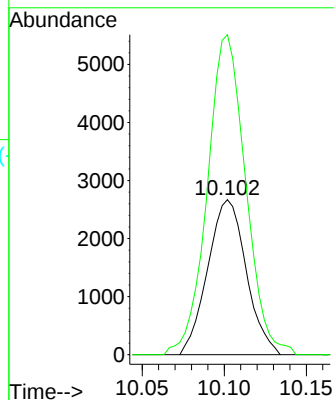
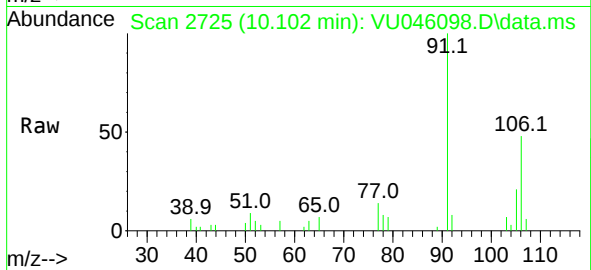




#54
o-xylene
Concen: 1.308 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046098.D
Acq: 04 Dec 2021 17:06

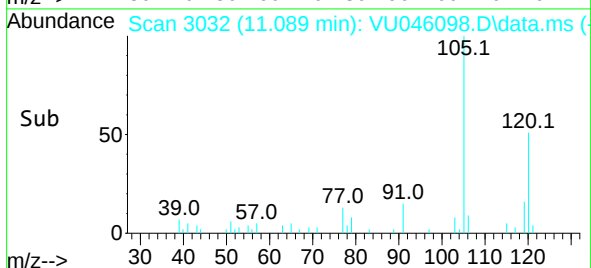
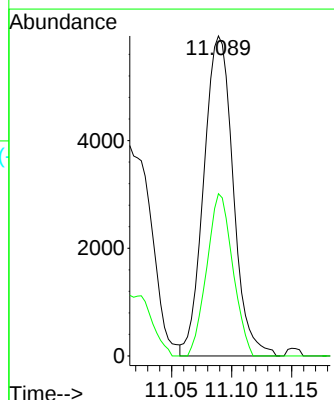
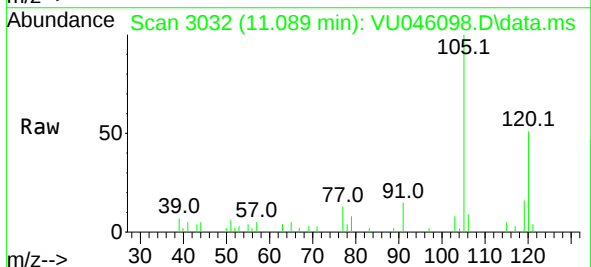
Instrument :
MSVOA_U
ClientSampleId :

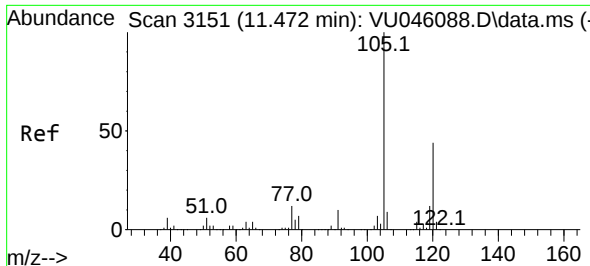
Tgt Ion:106 Resp: 4352
Ion Ratio Lower Upper
106 100
91 206.3 154.2 286.4



#62
1,3,5-Trimethylbenzene
Concen: 1.347 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU046098.D
Acq: 04 Dec 2021 17:06

Tgt Ion:105 Resp: 10112
Ion Ratio Lower Upper
105 100
120 44.6 37.8 56.6

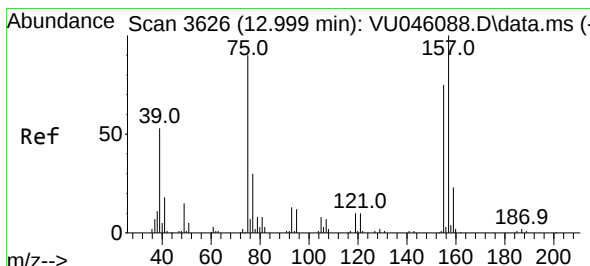
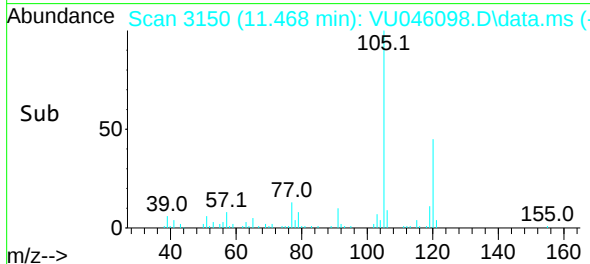
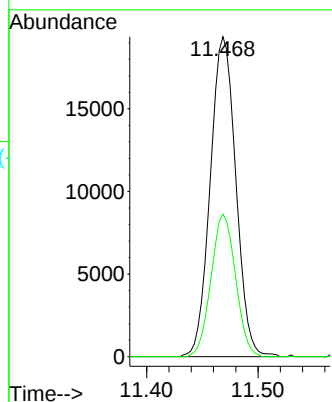
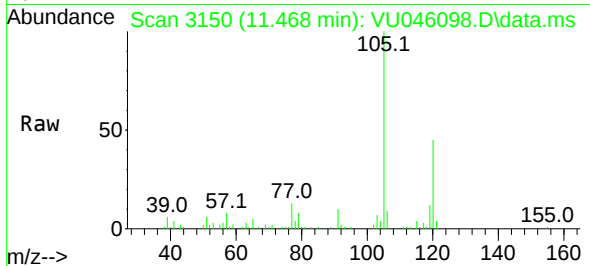




#63
1,2,4-Trimethylbenzene
Concen: 4.116 ug/L
RT: 11.468 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU046098.D
Acq: 04 Dec 2021 17:06

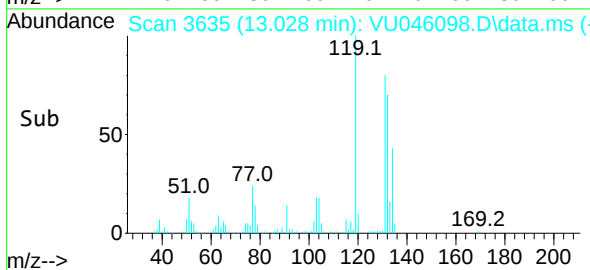
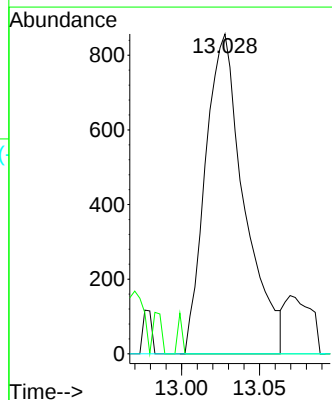
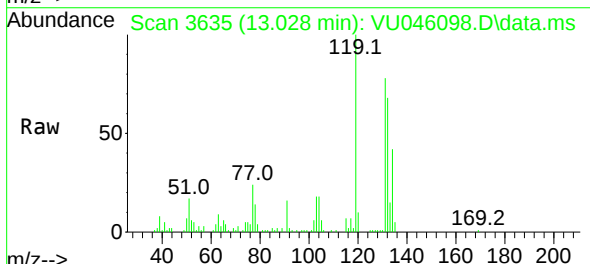
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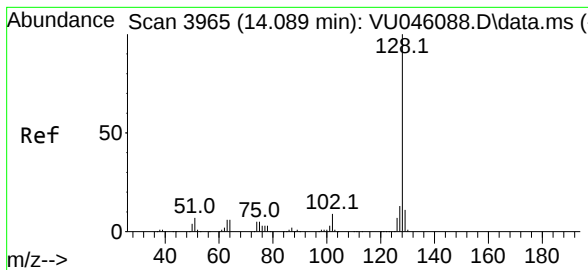
Tgt Ion:105 Resp: 30914
Ion Ratio Lower Upper
105 100
120 42.7 35.2 52.8



#68
1,2-Dibromo-3-chloropropane
Concen: 1.841 ug/L
RT: 13.028 min Scan# 3635
Delta R.T. 0.029 min
Lab File: VU046098.D
Acq: 04 Dec 2021 17:06

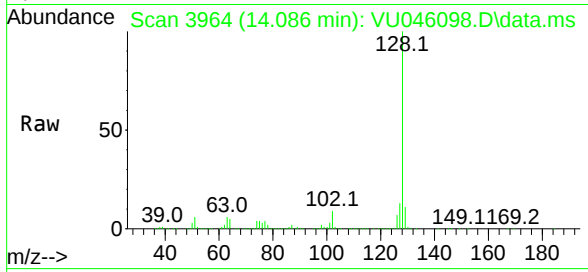
Tgt Ion: 75 Resp: 1488
Ion Ratio Lower Upper
75 100
155 0.0 64.9 97.3#
157 0.0 81.9 122.9#





#71
Naphthalene
Concen: 332.310 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU046098.D
Acq: 04 Dec 2021 17:06

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 3198773
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.6 13.0

