

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
 Data File : VU046094.D
 Acq On : 04 Dec 2021 15:36
 Operator : SY/MD
 Sample : M4942-06
 Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 05 08:16:03 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)

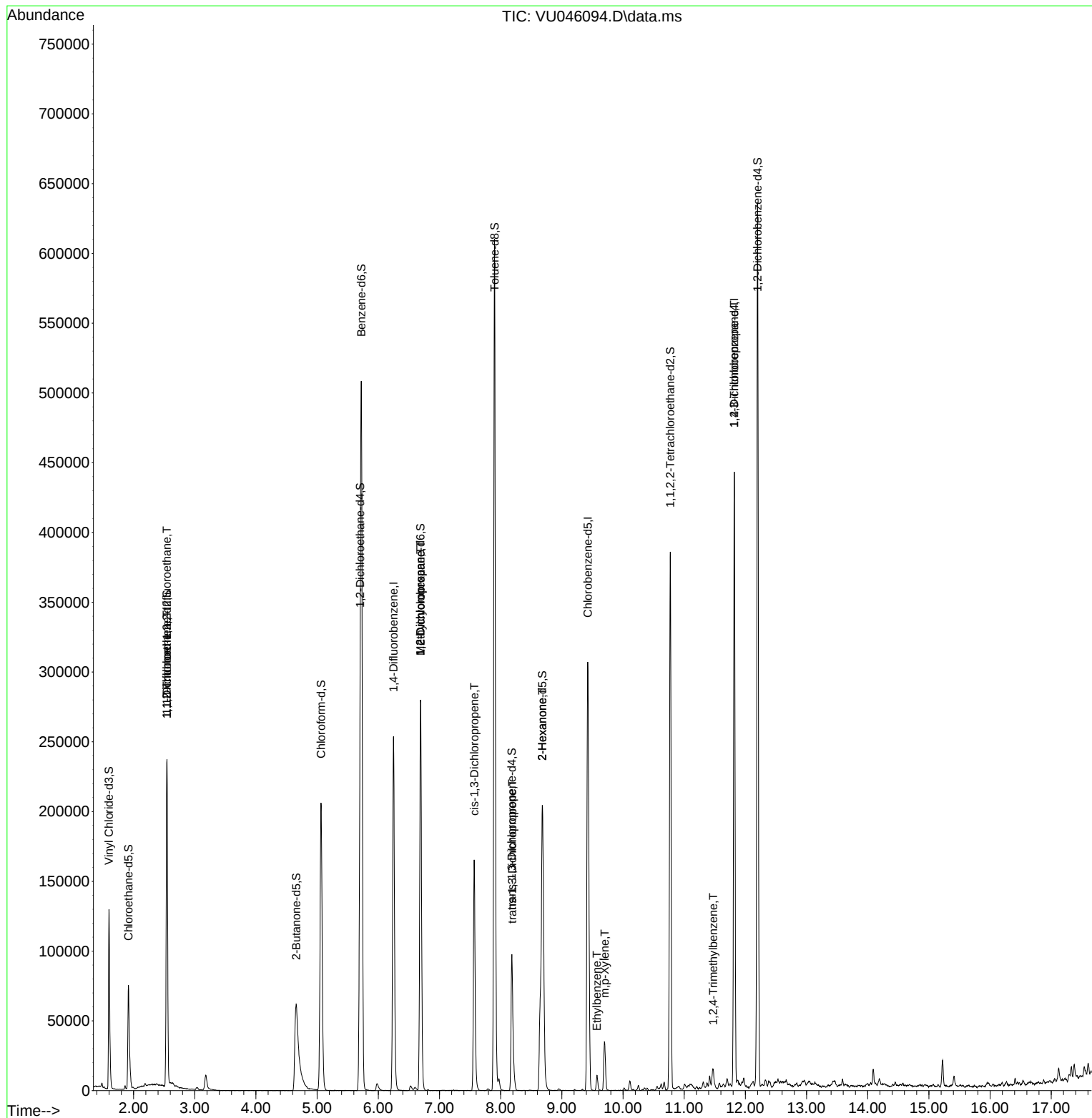
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	232598	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	231545	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	119577	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	110305	57.570	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	115.140%	
7) Chloroethane-d5	1.916	69	77802	52.887	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	105.780%	
11) 1,1-Dichloroethene-d2	2.546	63	141462	41.127	ug/L	-0.03
Spiked Amount 50.000	Range 60	- 125	Recovery	=	82.260%	
21) 2-Butanone-d5	4.658	46	180163	118.284	ug/L	0.02
Spiked Amount 100.000	Range 40	- 130	Recovery	=	118.280%	
24) Chloroform-d	5.064	84	206501	64.538	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	129.080%#	
26) 1,2-Dichloroethane-d4	5.703	65	140267	65.322	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	130.640%#	
32) Benzene-d6	5.723	84	464905	70.053	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	140.100%#	
36) 1,2-Dichloropropane-d6	6.690	67	142172	69.124	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	138.240%#	
41) Toluene-d8	7.899	98	441511	73.068	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	146.140%#	
43) trans-1,3-Dichloroprop...	8.182	79	74301	74.835	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	149.660%#	
47) 2-Hexanone-d5	8.681	63	141215	144.808	ug/L	0.05
Spiked Amount 100.000	Range 45	- 130	Recovery	=	144.810%#	
56) 1,1,2,2-Tetrachloroeth...	10.774	84	202176	64.817	ug/L	0.02
Spiked Amount 50.000	Range 65	- 120	Recovery	=	129.640%#	
66) 1,2-Dichlorobenzene-d4	12.198	152	169133	73.445	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	146.900%#	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.543	101	1392	0.822	ug/L #	21
12) 1,1-Dichloroethene	2.543	96	1108	0.689	ug/L #	1
35) Methylcyclohexane	6.690	83	35315	12.337	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	15351	8.362	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	4157	1.488	ug/L #	35
44) trans-1,3-Dichloropropene	8.189	75	3107	1.133	ug/L	92
48) 2-Hexanone	8.681	43	17113	7.094	ug/L #	52
52) Ethylbenzene	9.575	91	9955	1.230	ug/L	93
53) m,p-Xylene	9.700	106	12228	3.874	ug/L	99
60) 1,2,3-Trichloropropane	11.819	75	13858	5.287	ug/L #	65
63) 1,2,4-Trimethylbenzene	11.475	105	7207	1.111	ug/L	95

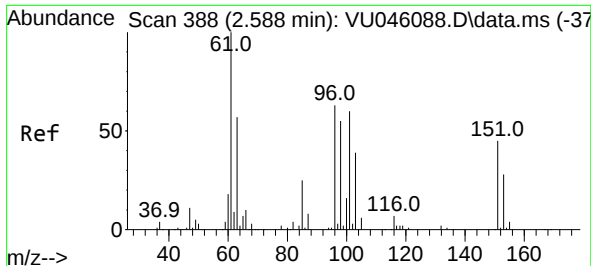
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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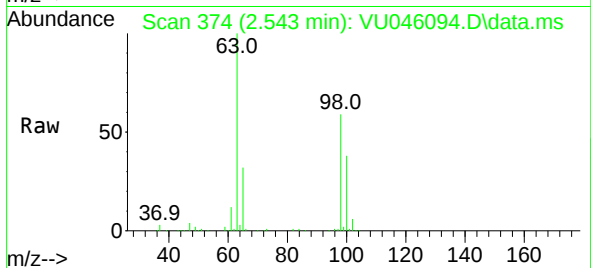
Quant Time: Dec 05 08:16:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
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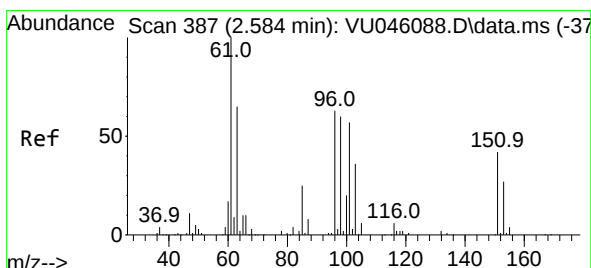
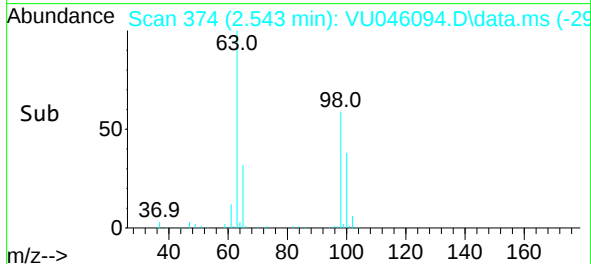
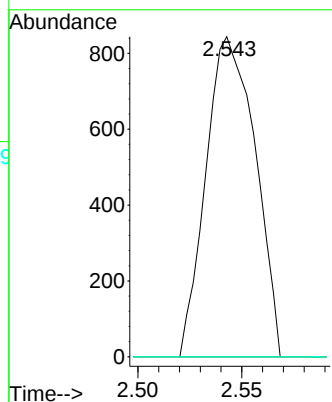


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.822 ug/L
 RT: 2.543 min Scan# 31
 Delta R.T. -0.045 min
 Lab File: VU046094.D
 Acq: 04 Dec 2021 15:36

Instrument :
 MSVOA_U
 ClientSampleId :

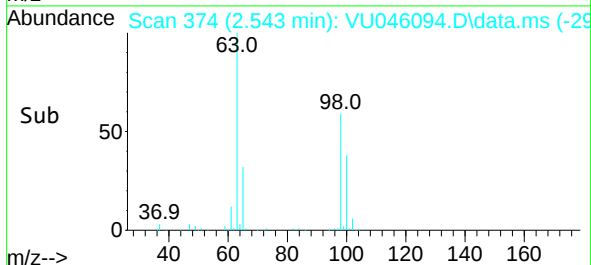
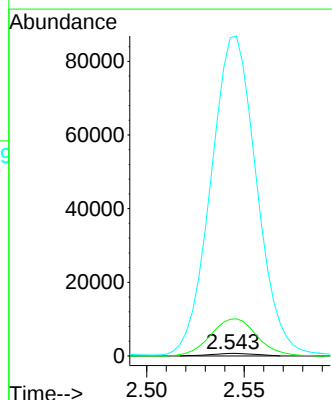
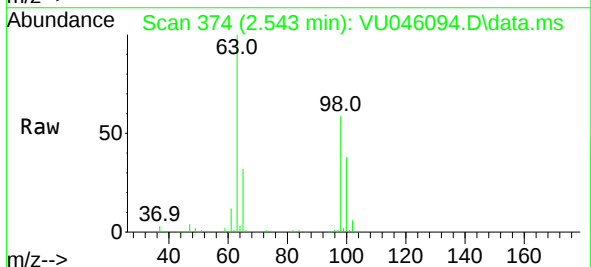


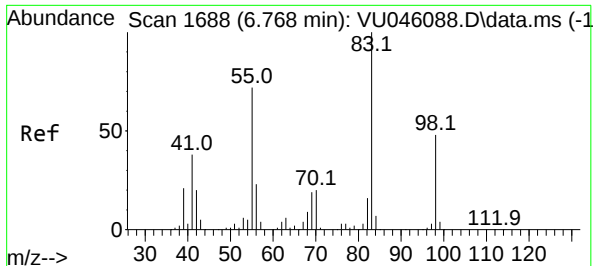
Tgt Ion:101 Resp: 1392
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.689 ug/L
 RT: 2.543 min Scan# 374
 Delta R.T. -0.042 min
 Lab File: VU046094.D
 Acq: 04 Dec 2021 15:36

Tgt Ion: 96 Resp: 1108
 Ion Ratio Lower Upper
 96 100
 61 1462.3 118.6 220.2#
 63 12680.2 93.0 172.8#





#35

Methylcyclohexane

Concen: 12.337 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU046094.D

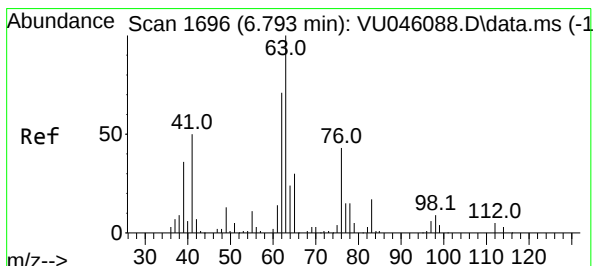
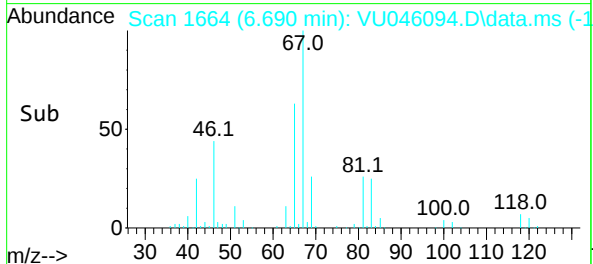
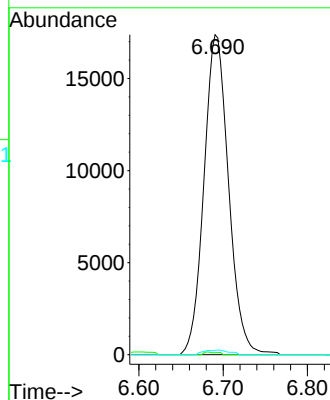
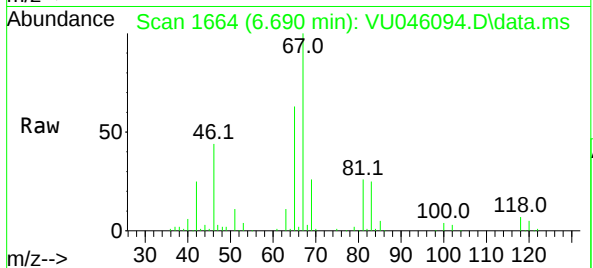
Acq: 04 Dec 2021 15:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 35315
Ion Ratio	Lower Upper
83 100	
55 0.1	57.8 86.6#
98 0.0	38.4 57.6#



#37

1,2-Dichloropropane

Concen: 8.362 ug/L

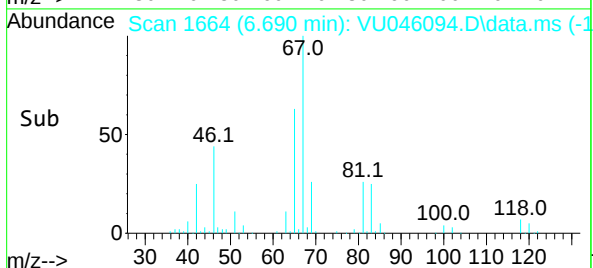
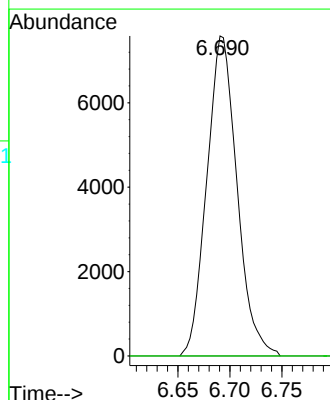
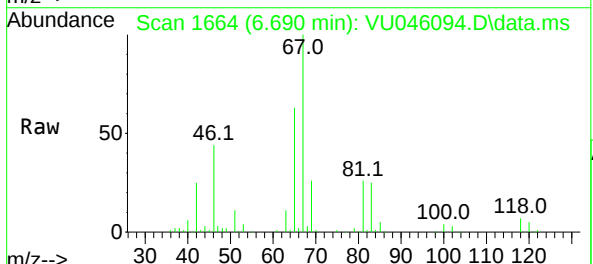
RT: 6.690 min Scan# 1664

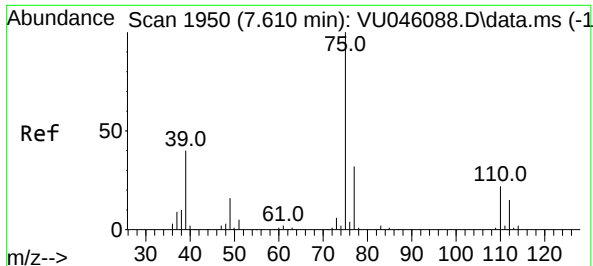
Delta R.T. -0.103 min

Lab File: VU046094.D

Acq: 04 Dec 2021 15:36

Tgt Ion: 63	Resp: 15351
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.488 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

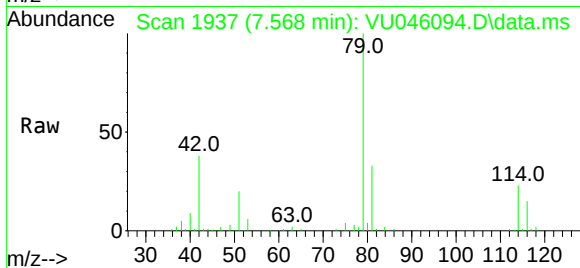
Lab File: VU046094.D

Acq: 04 Dec 2021 15:36

Instrument :

MSVOA_U

ClientSampleId :

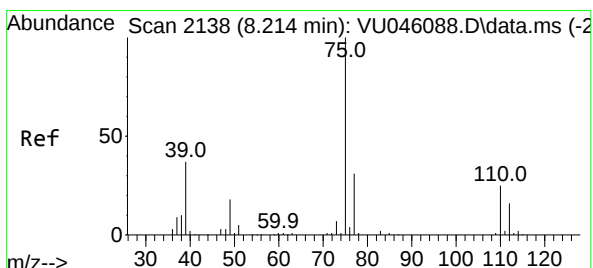
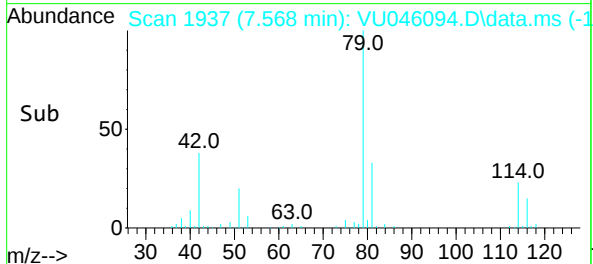
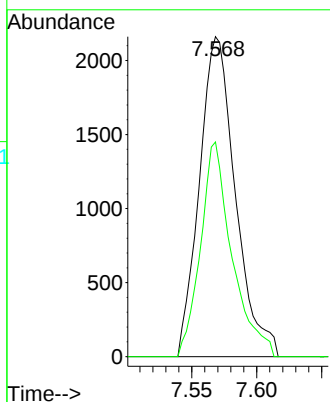


Tgt Ion: 75 Resp: 4157

Ion Ratio Lower Upper

75 100

77 67.1 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 1.133 ug/L

RT: 8.189 min Scan# 2130

Delta R.T. -0.026 min

Lab File: VU046094.D

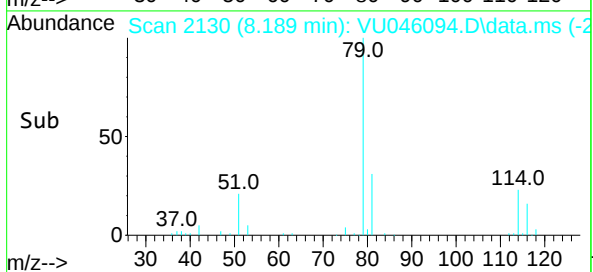
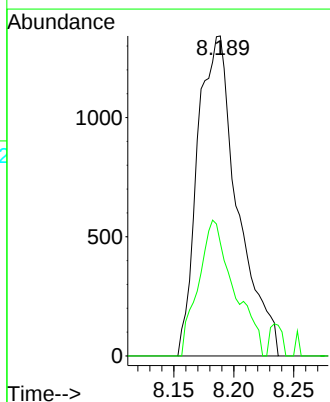
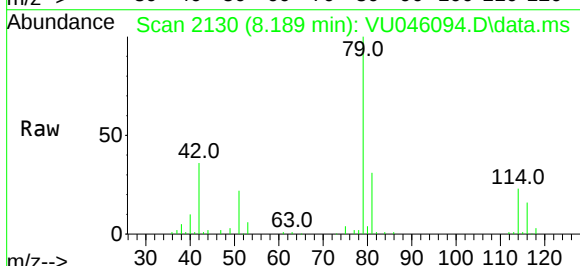
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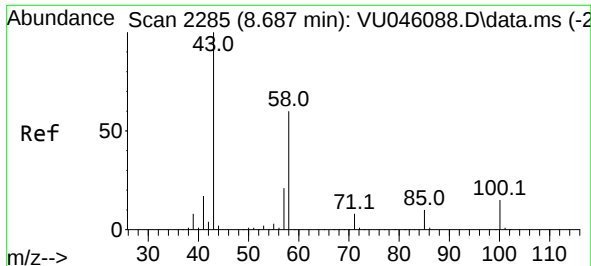
Tgt Ion: 75 Resp: 3107

Ion Ratio Lower Upper

75 100

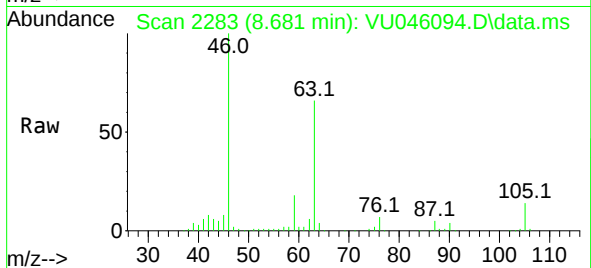
77 35.4 21.7 40.3



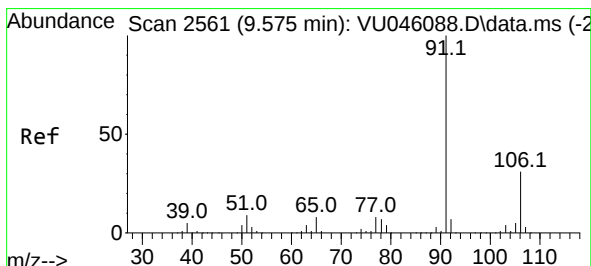
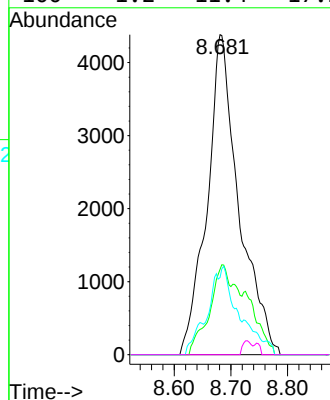
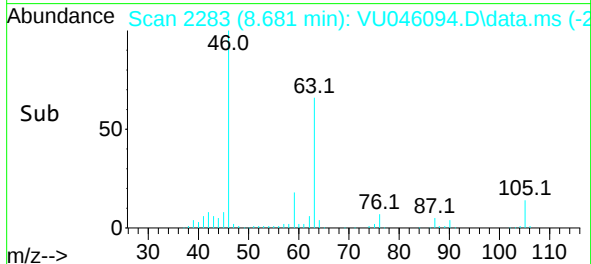


#48
2-Hexanone
Concen: 7.094 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU046094.D
Acq: 04 Dec 2021 15:36

Instrument :
MSVOA_U
ClientSampleId :

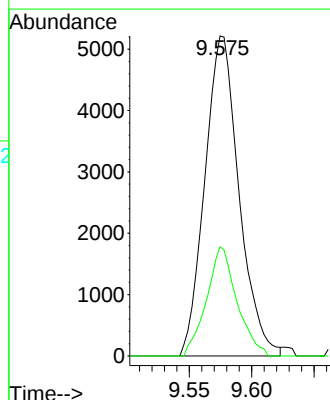
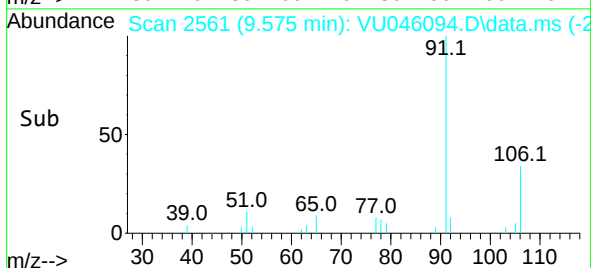
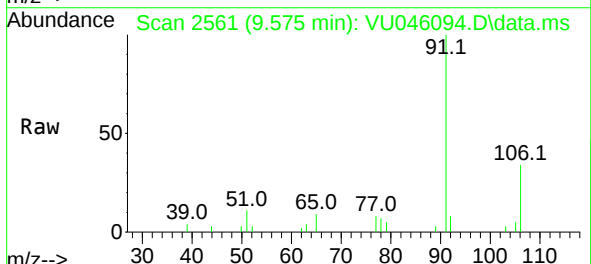


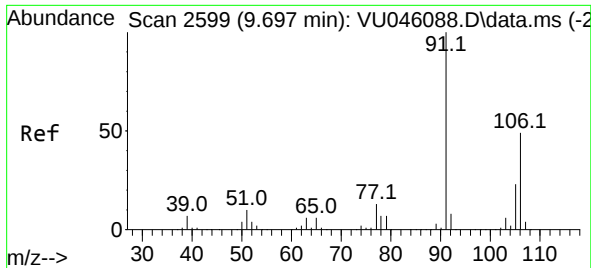
Tgt Ion: 43 Resp: 17113
Ion Ratio Lower Upper
43 100
58 17.7 47.4 71.2#
57 3.3 16.6 25.0#
100 1.2 11.4 17.2#



#52
Ethylbenzene
Concen: 1.230 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU046094.D
Acq: 04 Dec 2021 15:36

Tgt Ion: 91 Resp: 9955
Ion Ratio Lower Upper
91 100
106 34.1 21.1 39.3

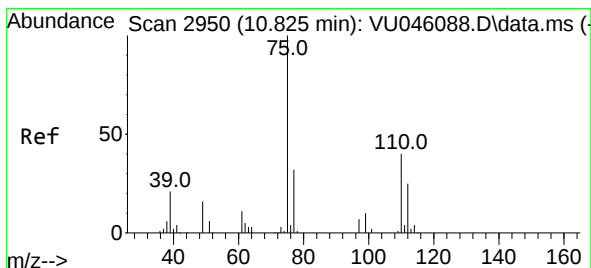
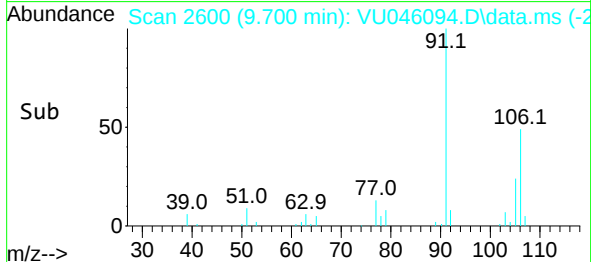
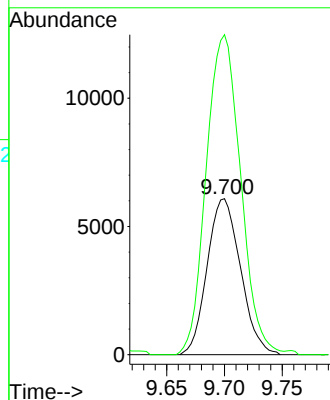
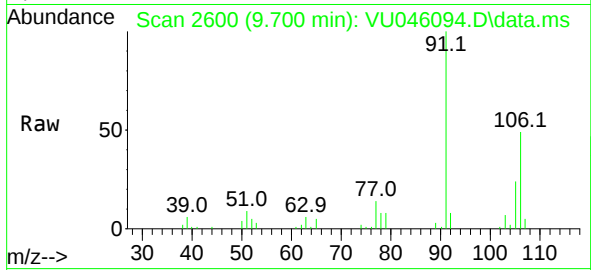




#53
m,p-Xylene
Concen: 3.874 ug/L
RT: 9.700 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046094.D
Acq: 04 Dec 2021 15:36

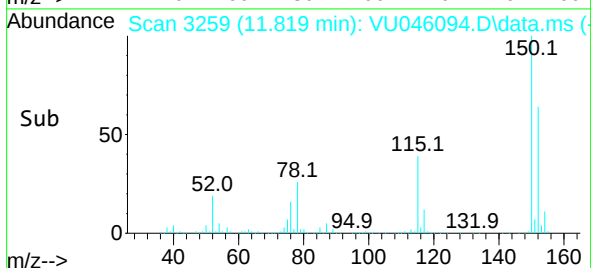
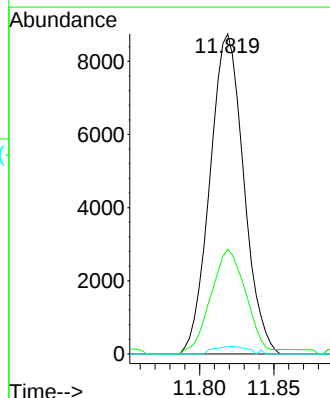
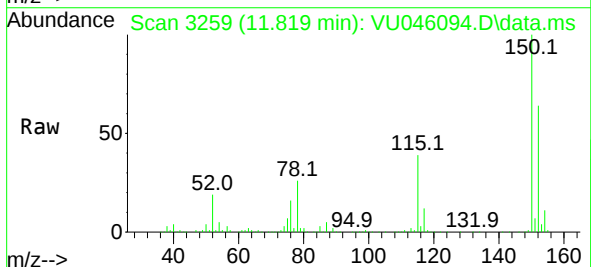
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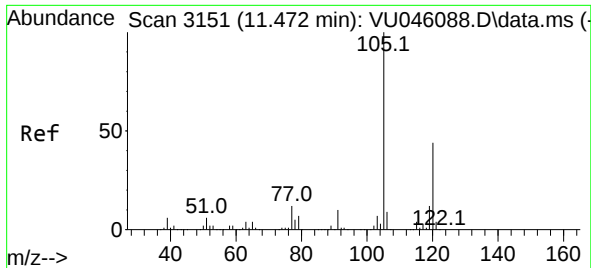
Tgt Ion:106 Resp: 12228
Ion Ratio Lower Upper
106 100
91 205.1 144.3 268.1



#60
1,2,3-Trichloropropane
Concen: 5.287 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.994 min
Lab File: VU046094.D
Acq: 04 Dec 2021 15:36

Tgt Ion: 75 Resp: 13858
Ion Ratio Lower Upper
75 100
77 34.0 26.4 39.6
110 2.3 32.4 48.6#





#63

1,2,4-Trimethylbenzene

Concen: 1.111 ug/L

RT: 11.475 min Scan# 31

Delta R.T. 0.003 min

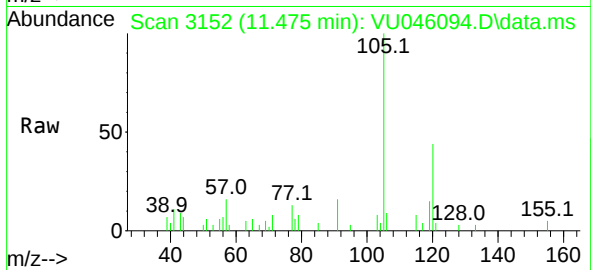
Lab File: VU046094.D

Acq: 04 Dec 2021 15:36

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:105 Resp: 7207

Ion Ratio Lower Upper

105 100

120 40.9 35.2 52.8

