

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
 Data File : VU046053.D
 Acq On : 02 Dec 2021 15:34
 Operator : SY/MD
 Sample : M4868-02
 Misc : 6.84g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 03 05:11:40 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)

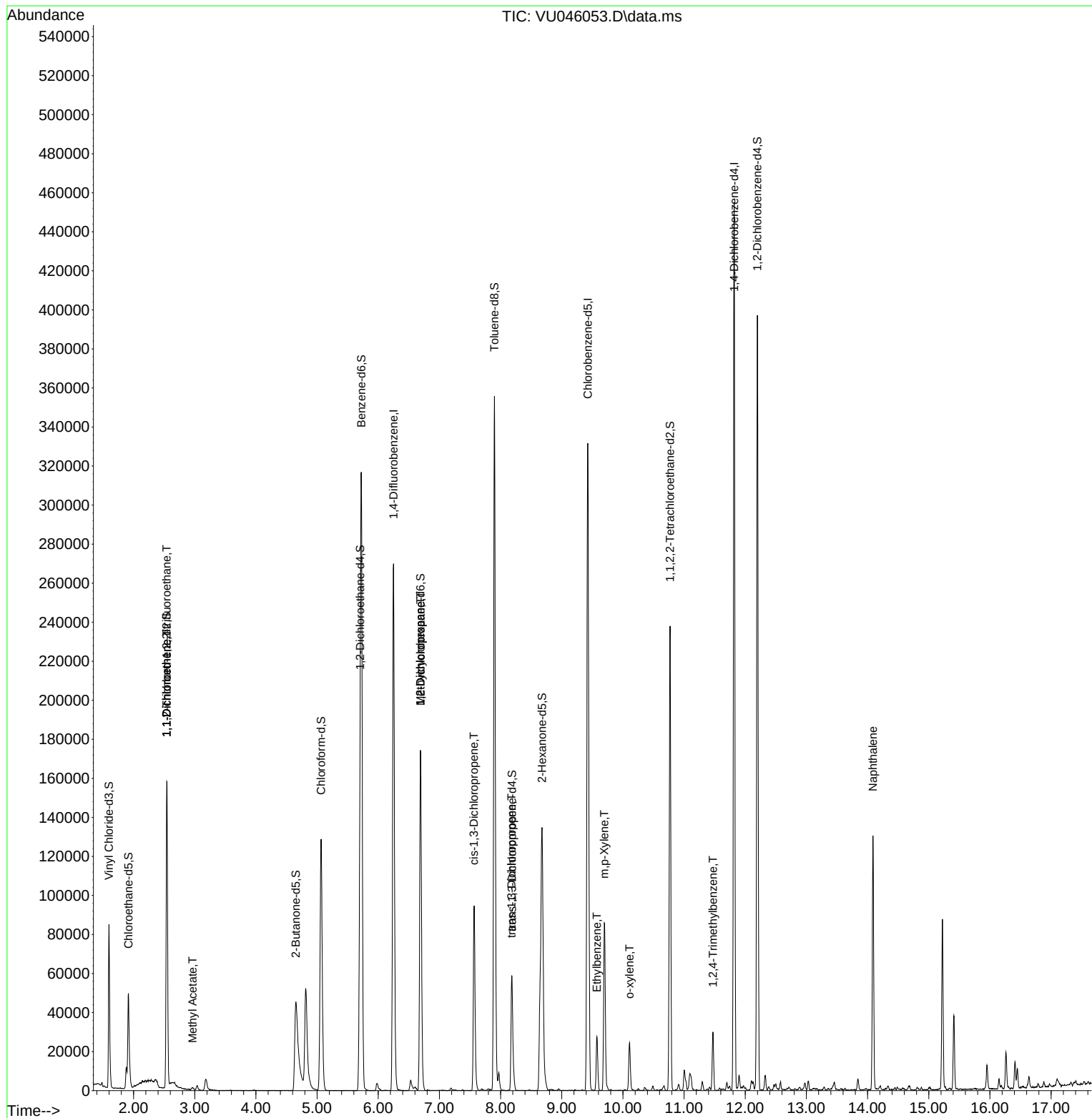
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	244901	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	238612	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	120169	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	70511	34.952	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.900%		
7) Chloroethane-d5	1.916	69	47789	30.853	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	61.700%#		
11) 1,1-Dichloroethene-d2	2.543	63	95629	26.406	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	52.820%#		
21) 2-Butanone-d5	4.652	46	121729	75.905	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.900%		
24) Chloroform-d	5.067	84	126713	37.613	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.220%		
26) 1,2-Dichloroethane-d4	5.703	65	90664	40.101	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.200%		
32) Benzene-d6	5.723	84	284549	41.607	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.220%		
36) 1,2-Dichloropropane-d6	6.690	67	90058	42.489	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.980%		
41) Toluene-d8	7.899	98	258561	41.523	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.040%		
43) trans-1,3-Dichloroprop...	8.186	79	44231	43.229	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.460%		
47) 2-Hexanone-d5	8.678	63	88501	88.065	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.070%		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	122969	38.256	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	76.520%		
66) 1,2-Dichlorobenzene-d4	12.198	152	100235	43.312	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.620%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.543	101	768	0.431	ug/L #	21
12) 1,1-Dichloroethene	2.543	96	794	0.469	ug/L #	1
15) Methyl Acetate	2.967	43	1967	0.842	ug/L #	80
35) Methylcyclohexane	6.690	83	21768	7.379	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	9551	5.049	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	2553	0.887	ug/L #	67
44) trans-1,3-Dichloropropene	8.179	75	1868	0.661	ug/L	83
52) Ethylbenzene	9.575	91	24071	2.886	ug/L	99
53) m,p-Xylene	9.697	106	28600	8.793	ug/L	99
54) o-xylene	10.108	106	8100	2.567	ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	17760	2.724	ug/L	97
71) Naphthalene	14.089	128	101214	12.112	ug/L	99

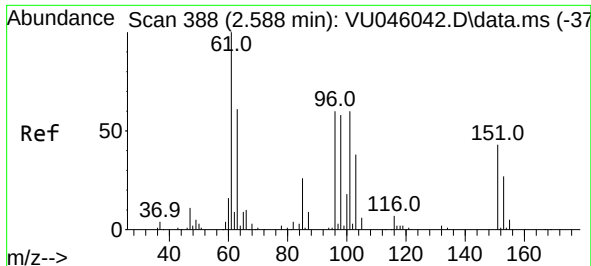
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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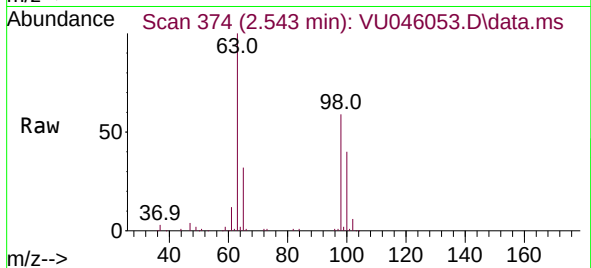
Quant Time: Dec 03 05:11:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
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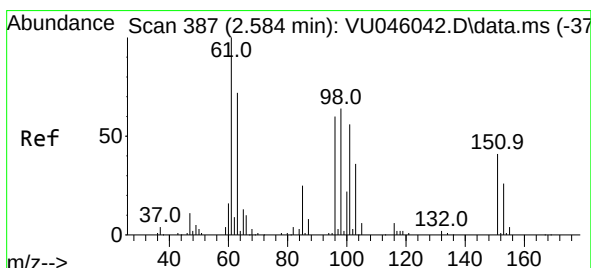
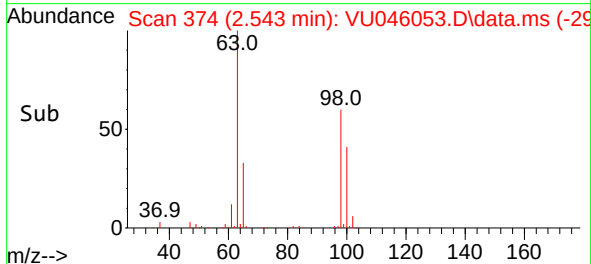
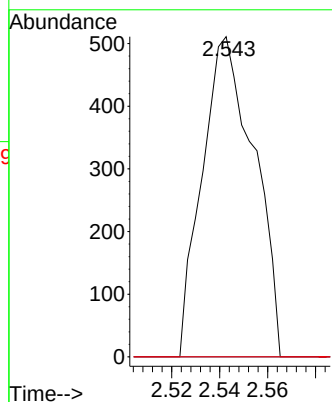


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.431 ug/L
 RT: 2.543 min Scan# 374
 Delta R.T. -0.045 min
 Lab File: VU046053.D
 Acq: 02 Dec 2021 15:34

Instrument :
 MSVOA_U
 ClientSampleId :

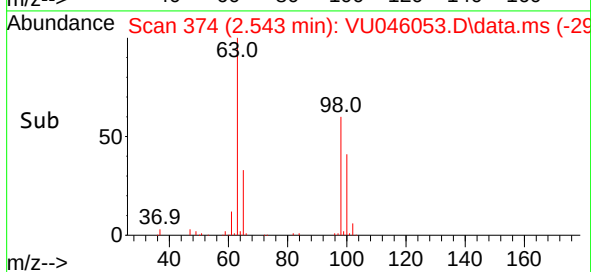
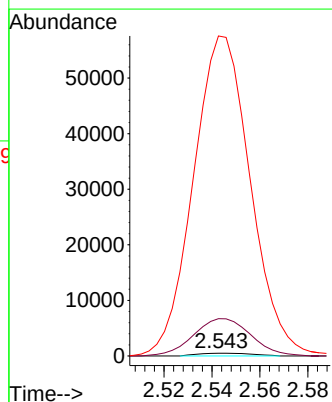
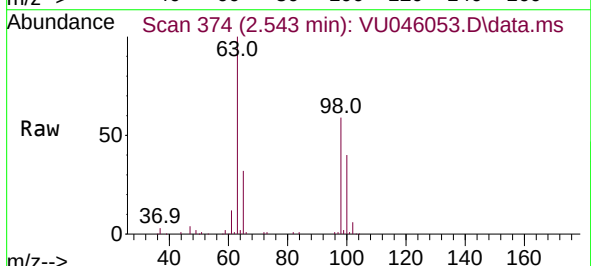


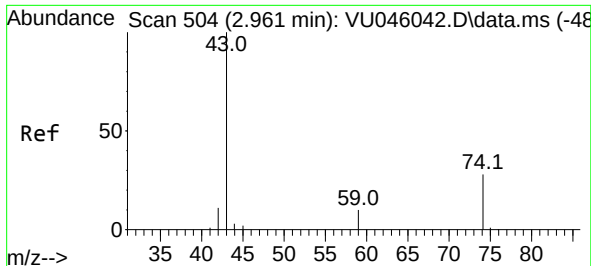
Tgt Ion:101 Resp: 768
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.469 ug/L
 RT: 2.543 min Scan# 374
 Delta R.T. -0.042 min
 Lab File: VU046053.D
 Acq: 02 Dec 2021 15:34

Tgt Ion: 96 Resp: 794
 Ion Ratio Lower Upper
 96 100
 61 1375.6 118.6 220.2#
 63 11824.2 93.0 172.8#

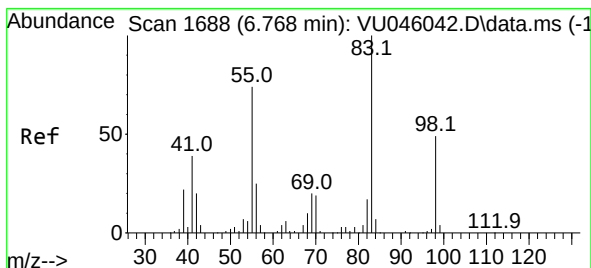
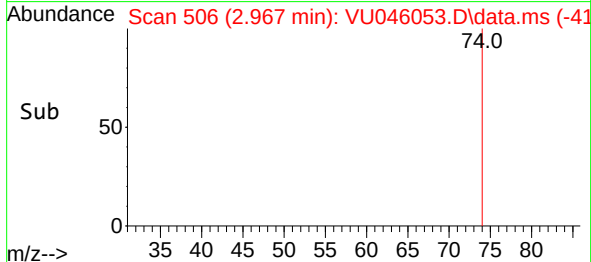
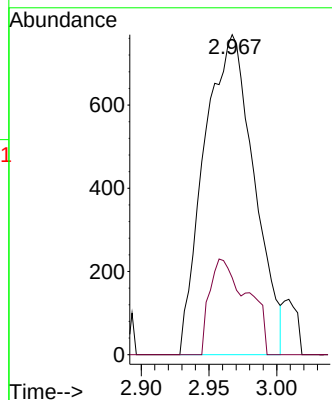
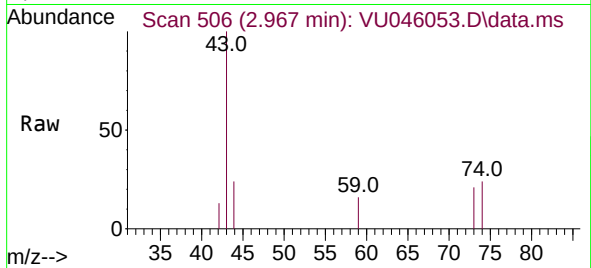




#15
Methyl Acetate
Concen: 0.842 ug/L
RT: 2.967 min Scan# 504
Delta R.T. 0.007 min
Lab File: VU046053.D
Acq: 02 Dec 2021 15:34

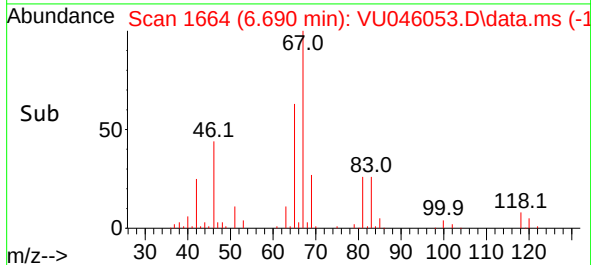
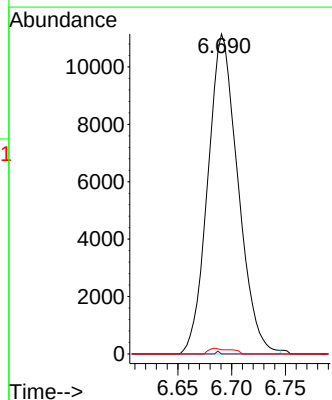
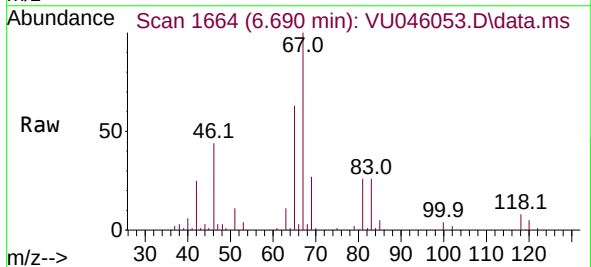
Instrument :
MSVOA_U
ClientSampleId :

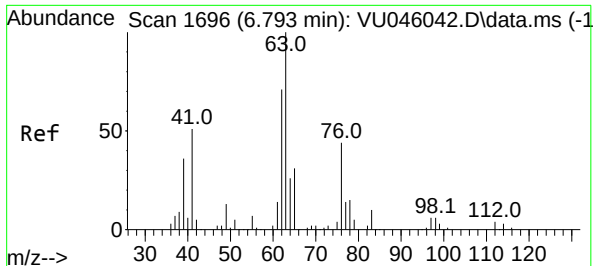
Tgt Ion: 43 Resp: 1967
Ion Ratio Lower Upper
43 100
74 16.0 20.8 31.2#



#35
Methylcyclohexane
Concen: 7.379 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU046053.D
Acq: 02 Dec 2021 15:34

Tgt Ion: 83 Resp: 21768
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.7 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.049 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046053.D

Acq: 02 Dec 2021 15:34

Instrument :

MSVOA_U

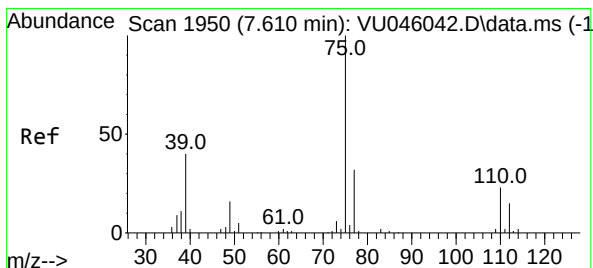
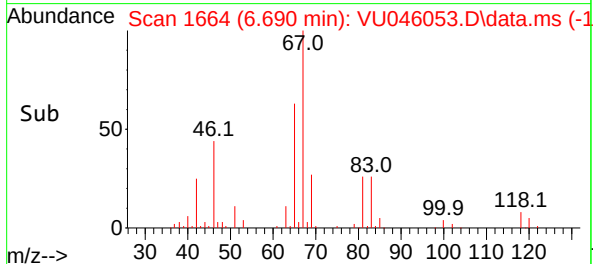
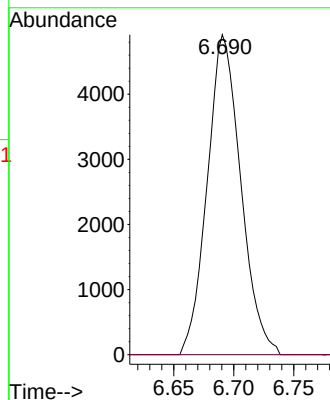
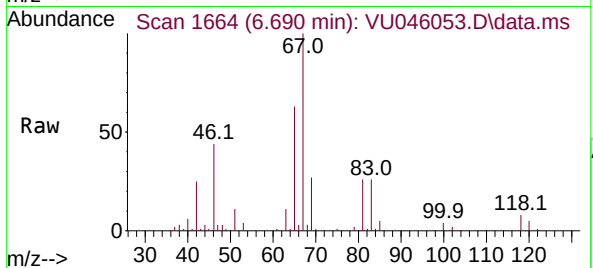
ClientSampleId :

Tgt Ion: 63 Resp: 9551

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.887 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046053.D

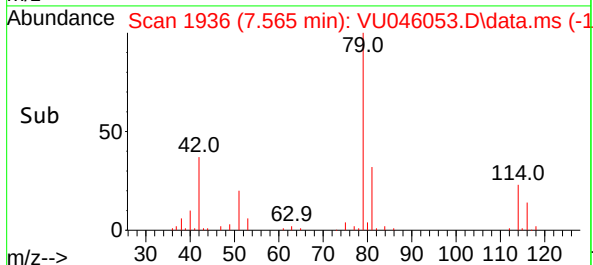
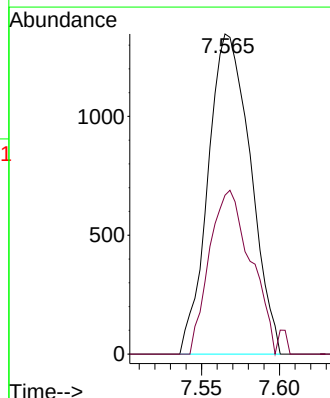
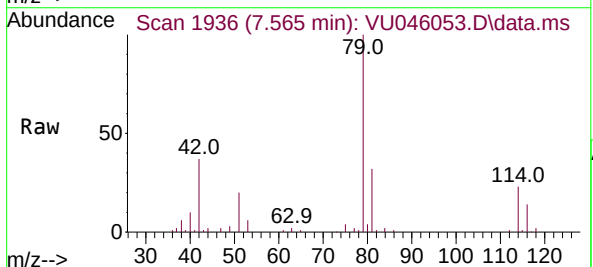
Acq: 02 Dec 2021 15:34

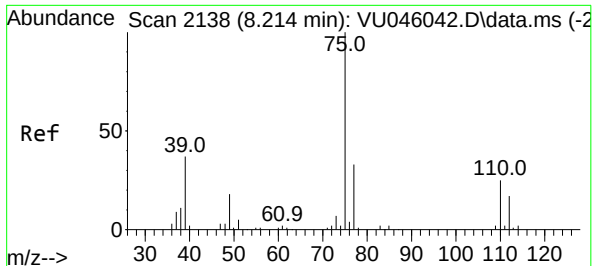
Tgt Ion: 75 Resp: 2553

Ion Ratio Lower Upper

75 100

77 49.6 21.8 40.6#

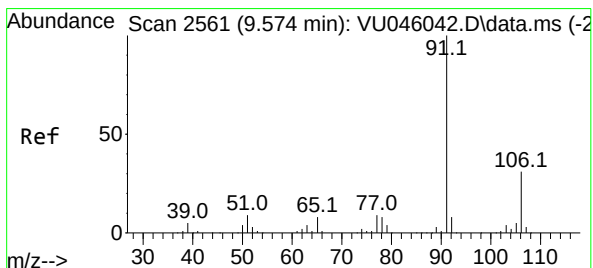
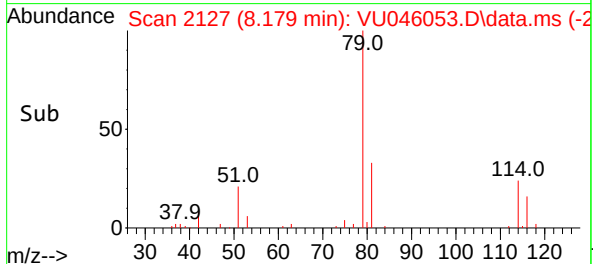
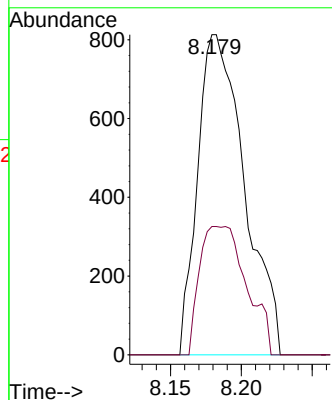
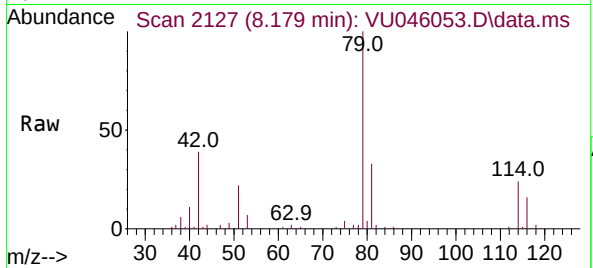




#44
trans-1,3-Dichloropropene
Concen: 0.661 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.035 min
Lab File: VU046053.D
Acq: 02 Dec 2021 15:34

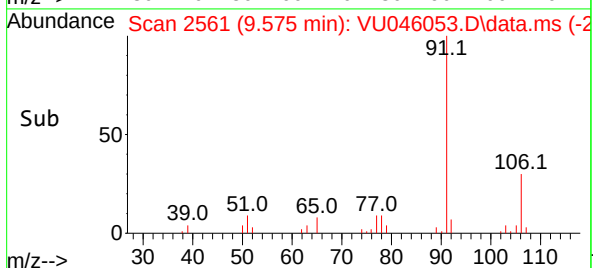
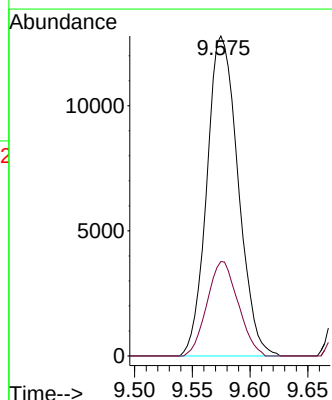
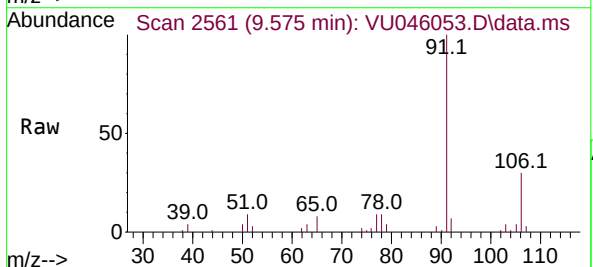
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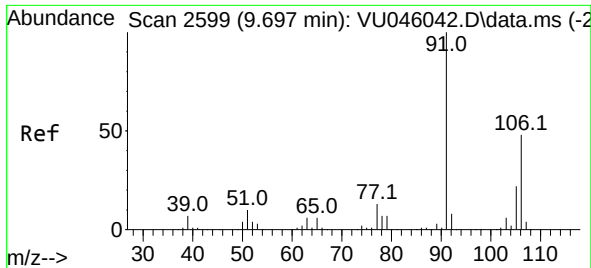
Tgt Ion: 75 Resp: 1868
Ion Ratio Lower Upper
75 100
77 40.1 21.7 40.3



#52
Ethylbenzene
Concen: 2.886 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU046053.D
Acq: 02 Dec 2021 15:34

Tgt Ion: 91 Resp: 24071
Ion Ratio Lower Upper
91 100
106 29.5 21.1 39.3

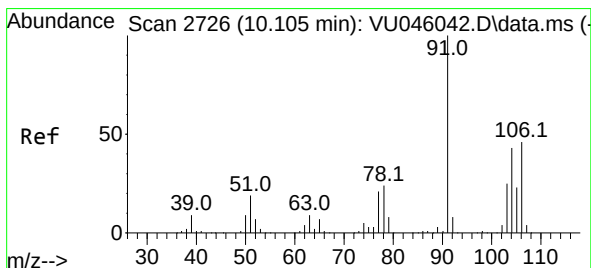
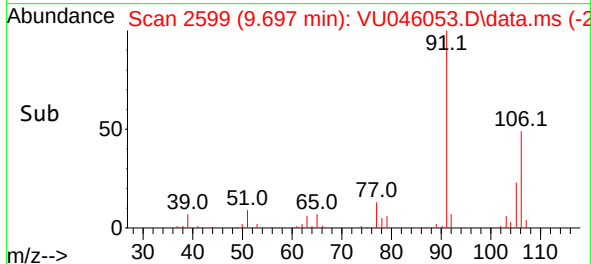
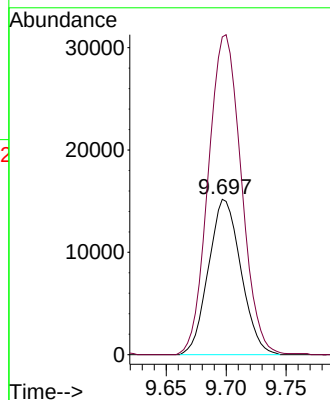
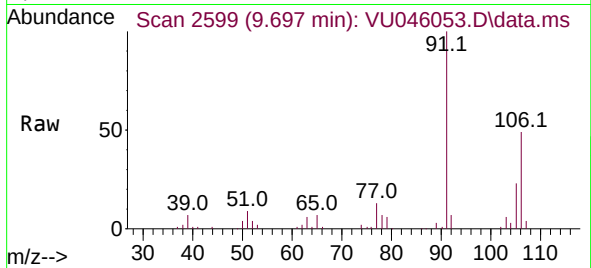




#53
m,p-Xylene
Concen: 8.793 ug/L
RT: 9.697 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046053.D
Acq: 02 Dec 2021 15:34

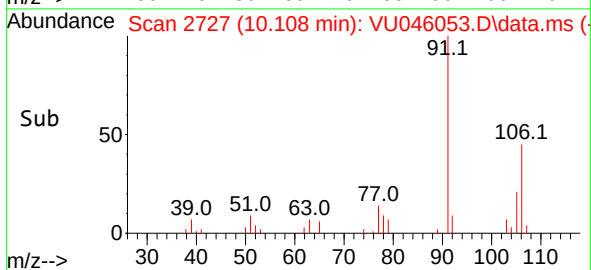
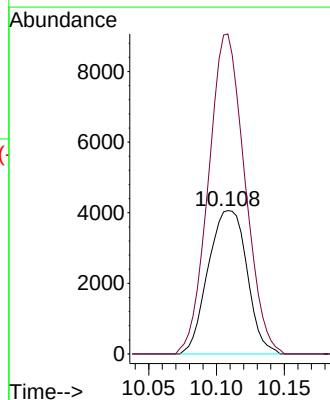
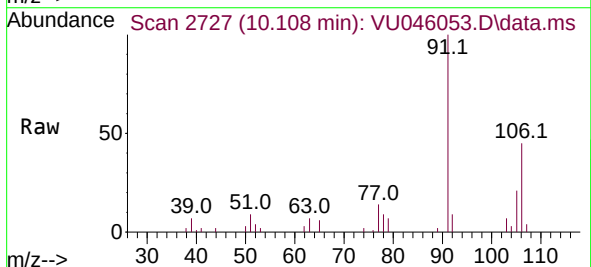
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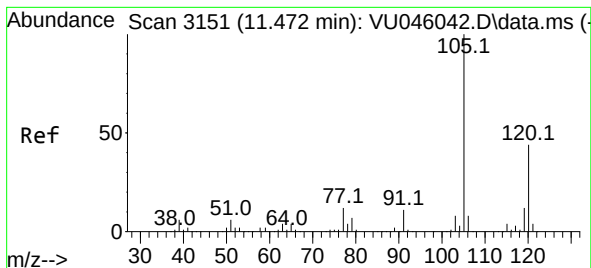
Tgt Ion:106 Resp: 28600
Ion Ratio Lower Upper
106 100
91 204.5 144.3 268.1



#54
o-xylene
Concen: 2.567 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU046053.D
Acq: 02 Dec 2021 15:34

Tgt Ion:106 Resp: 8100
Ion Ratio Lower Upper
106 100
91 223.1 154.2 286.4





#63

1,2,4-Trimethylbenzene

Concen: 2.724 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VU046053.D

Acq: 02 Dec 2021 15:34

Instrument :

MSVOA_U

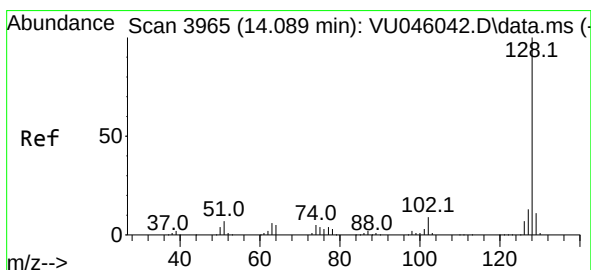
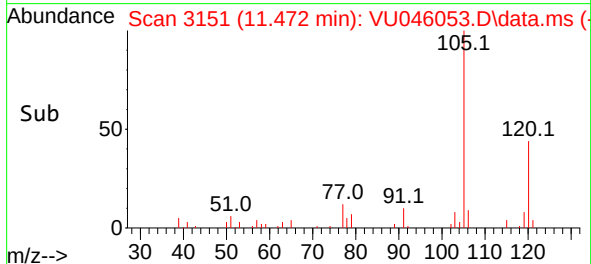
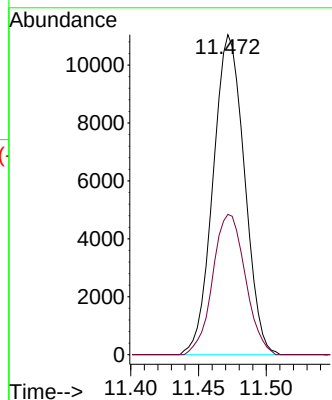
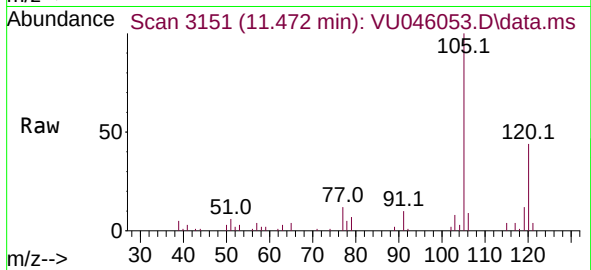
ClientSampleId :

Tgt Ion:105 Resp: 17760

Ion Ratio Lower Upper

105 100

120 45.7 35.2 52.8



#71

Naphthalene

Concen: 12.112 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. 0.000 min

Lab File: VU046053.D

Acq: 02 Dec 2021 15:34

Tgt Ion:128 Resp: 101214

Ion Ratio Lower Upper

128 100

127 12.2 10.1 15.1

129 11.3 8.6 13.0

