

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
 Data File : VU046097.D
 Acq On : 04 Dec 2021 16:43
 Operator : SY/MD
 Sample : M4942-09
 Misc : 6.84g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 05 08:16:28 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)

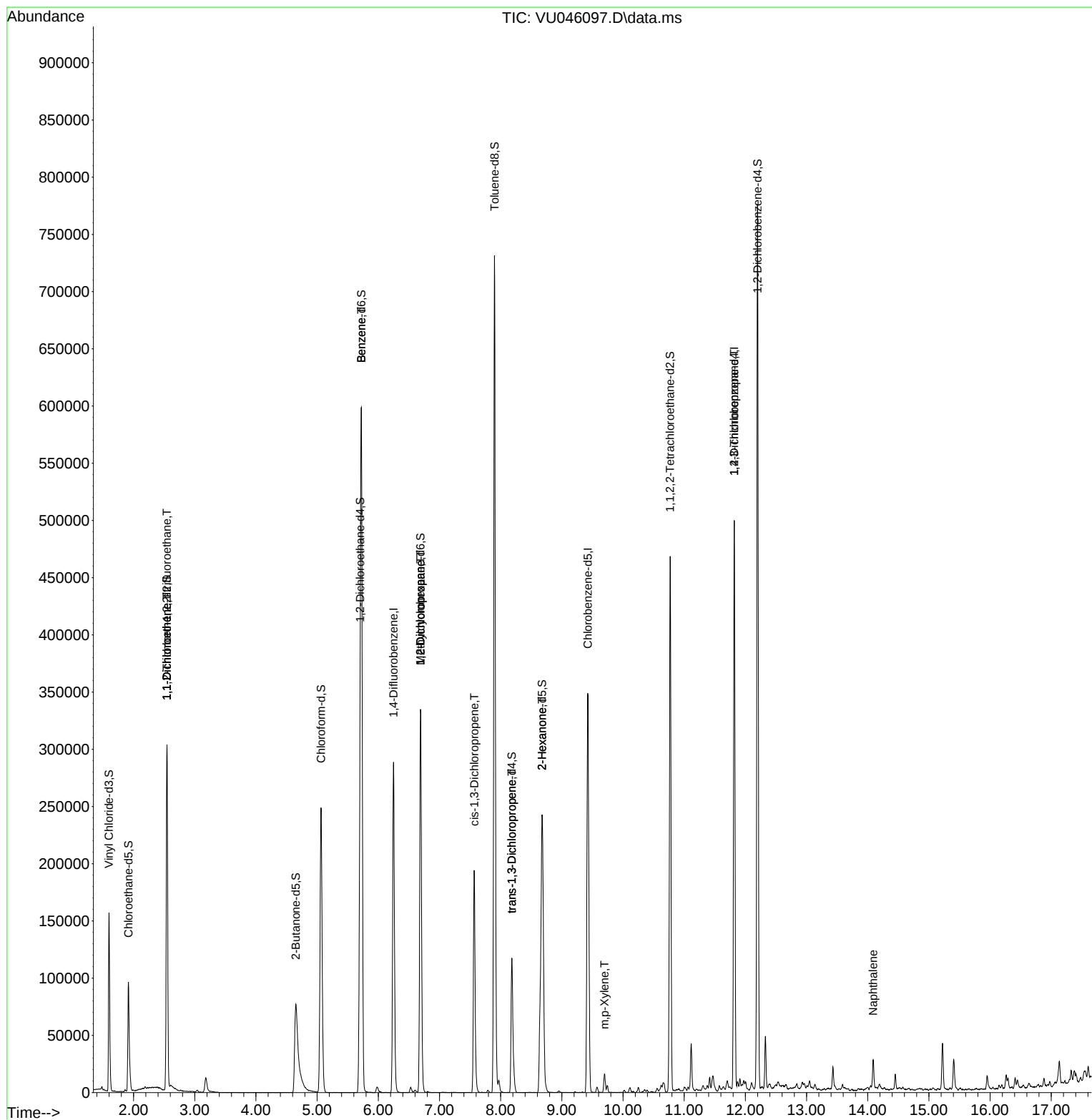
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	261657	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	261032	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	134987	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	129454	60.060	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 120.120%			
7) Chloroethane-d5	1.916	69	92286	55.765	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.540%			
11) 1,1-Dichloroethene-d2	2.546	63	178262	46.071	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.140%			
21) 2-Butanone-d5	4.652	46	210460	122.829	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 122.830%			
24) Chloroform-d	5.063	84	243049	67.525	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 135.040%#			
26) 1,2-Dichloroethane-d4	5.703	65	166179	68.794	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 137.580%#			
32) Benzene-d6	5.722	84	551690	73.739	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 147.480%#			
36) 1,2-Dichloropropane-d6	6.690	67	170158	73.385	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 146.780%#			
41) Toluene-d8	7.899	98	528779	77.625	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 155.240%#			
43) trans-1,3-Dichloroprop...	8.182	79	87468	78.145	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 156.280%#			
47) 2-Hexanone-d5	8.677	63	170327	154.931	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery = 154.930%#			
56) 1,1,2,2-Tetrachloroeth...	10.771	84	242743	69.032	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery = 138.060%#			
66) 1,2-Dichlorobenzene-d4	12.198	152	206250	79.339	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 158.680%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.546	101	1688	0.887	ug/L #	21
12) 1,1-Dichloroethene	2.546	96	1412	0.780	ug/L #	1
33) Benzene	5.722	78	4208	0.533	ug/L	100
35) Methylcyclohexane	6.690	83	40932	12.684	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	18223	8.805	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	4968	1.578	ug/L #	57
44) trans-1,3-Dichloropropene	8.182	75	3426	1.108	ug/L	88
48) 2-Hexanone	8.677	43	20217	7.434	ug/L #	43
53) m,p-Xylene	9.697	106	5498	1.545	ug/L	97
60) 1,2,3-Trichloropropane	11.819	75	14846	5.017	ug/L #	65
71) Naphthalene	14.089	128	20956	2.232	ug/L	97

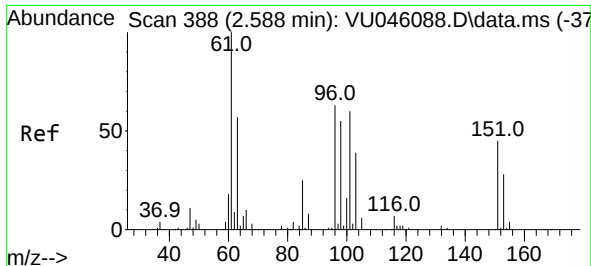
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046097.D
Acq On : 04 Dec 2021 16:43
Operator : SY/MD
Sample : M4942-09
Misc : 6.84g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 05 08:16:28 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





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.887 ug/L

RT: 2.546 min Scan# 31

Delta R.T. -0.042 min

Lab File: VU046097.D

Acq: 04 Dec 2021 16:43

Instrument :

MSVOA_U

ClientSampleId :

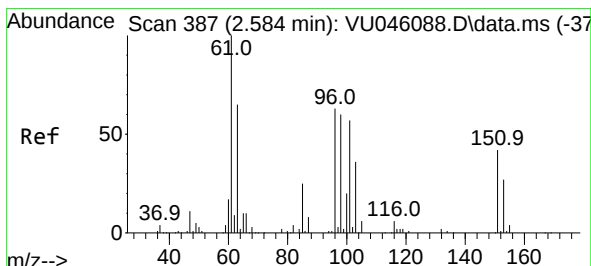
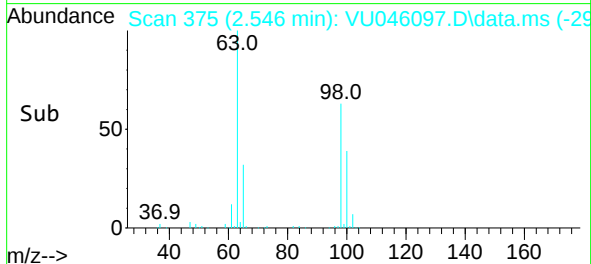
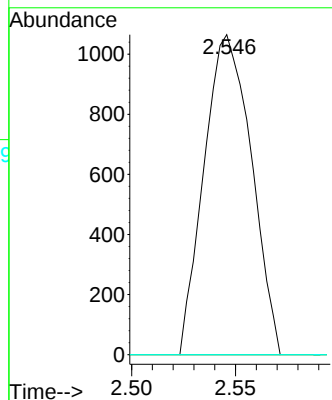
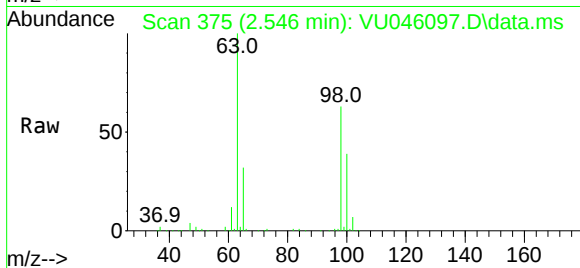
Tgt Ion:101 Resp: 1688

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: 0.780 ug/L

RT: 2.546 min Scan# 375

Delta R.T. -0.039 min

Lab File: VU046097.D

Acq: 04 Dec 2021 16:43

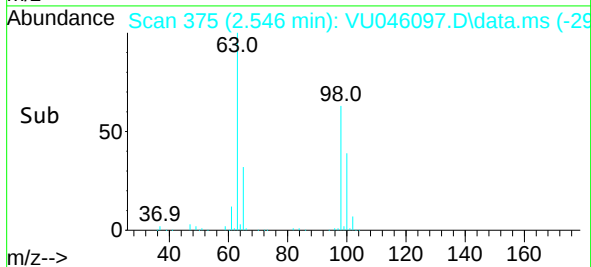
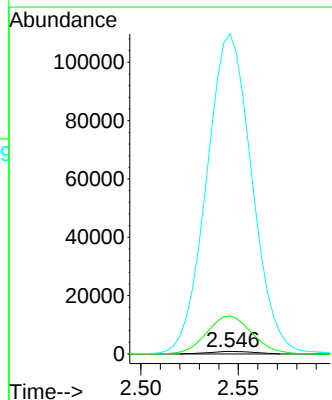
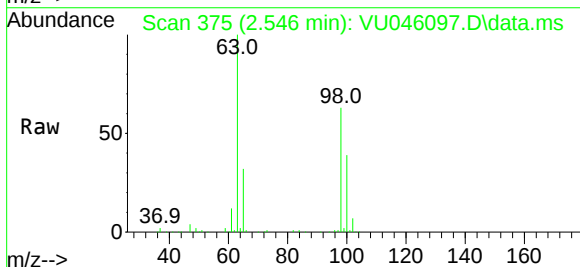
Tgt Ion: 96 Resp: 1412

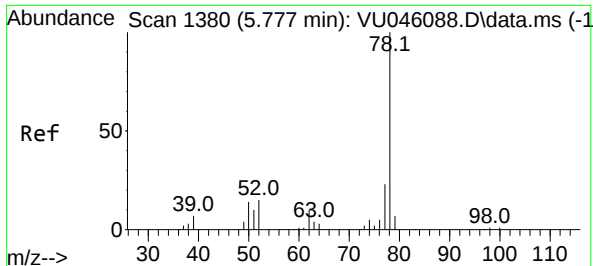
Ion Ratio Lower Upper

96 100

61 1492.9 118.6 220.2#

63 12540.3 93.0 172.8#

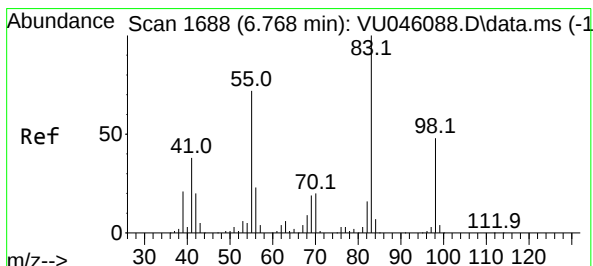
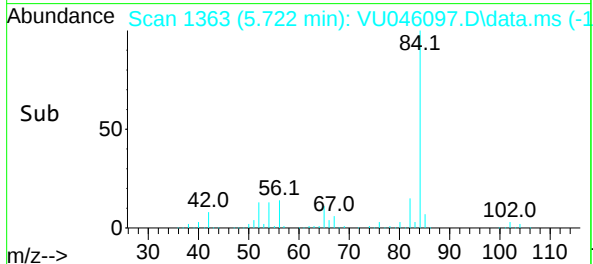
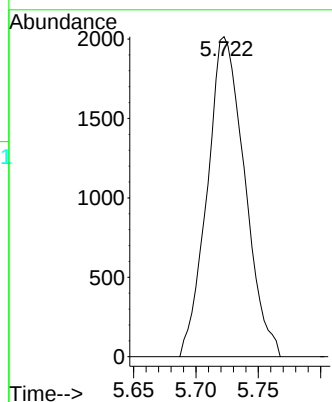
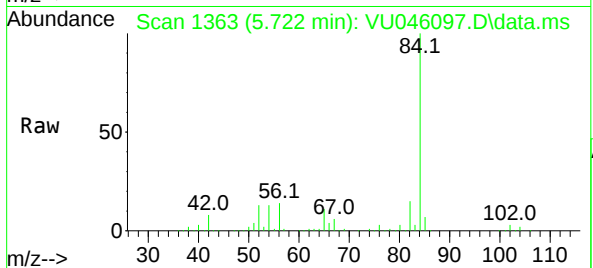




#33
Benzene
Concen: 0.533 ug/L
RT: 5.722 min Scan# 11
Delta R.T. -0.058 min
Lab File: VU046097.D
Acq: 04 Dec 2021 16:43

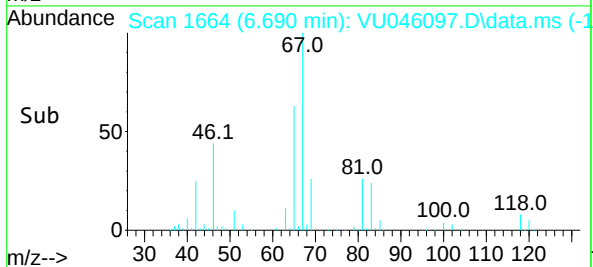
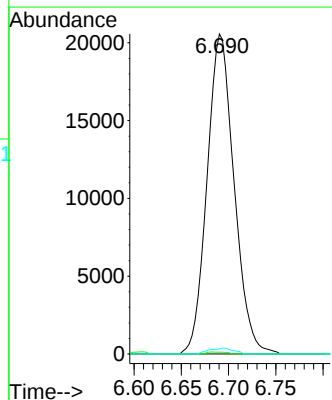
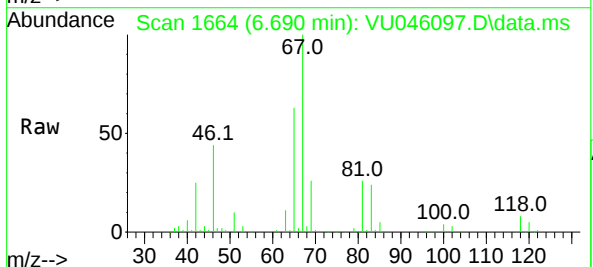
Instrument :
MSVOA_U
ClientSampleId :

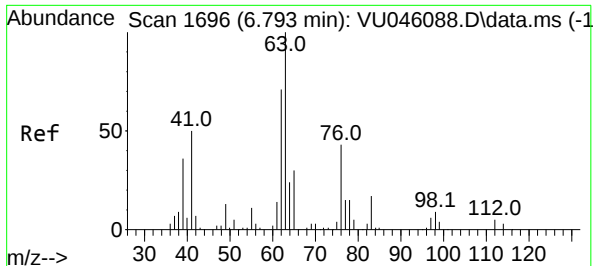
Tgt Ion: 78 Resp: 4208



#35
Methylcyclohexane
Concen: 12.684 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU046097.D
Acq: 04 Dec 2021 16:43

Tgt Ion: 83 Resp: 40932
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 1.0 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 8.805 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046097.D

Acq: 04 Dec 2021 16:43

Instrument :

MSVOA_U

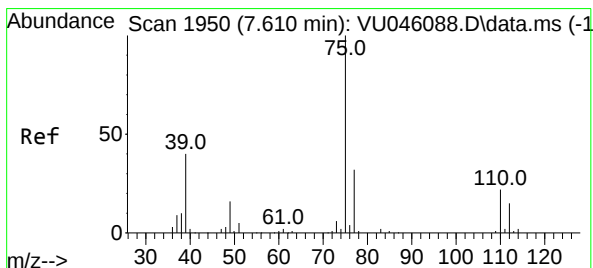
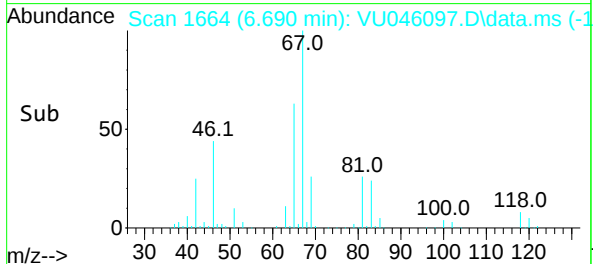
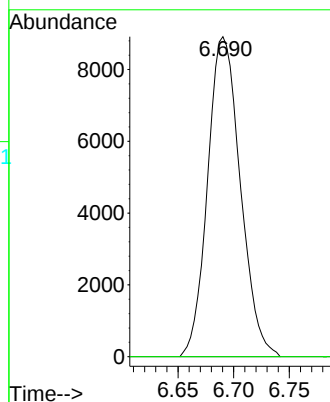
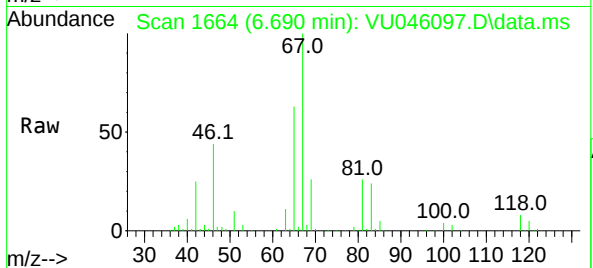
ClientSampleId :

Tgt Ion: 63 Resp: 18223

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.578 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046097.D

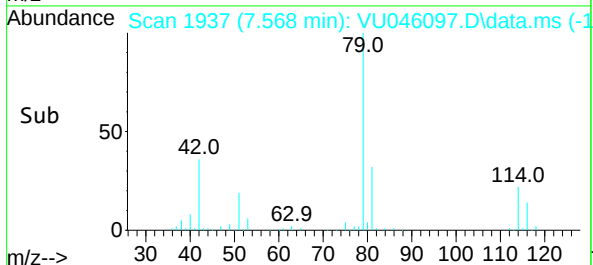
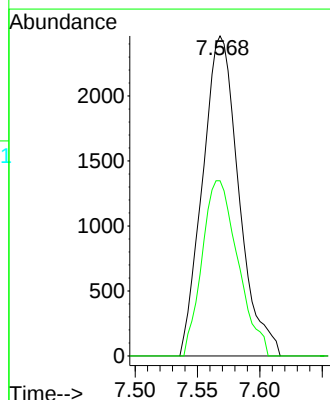
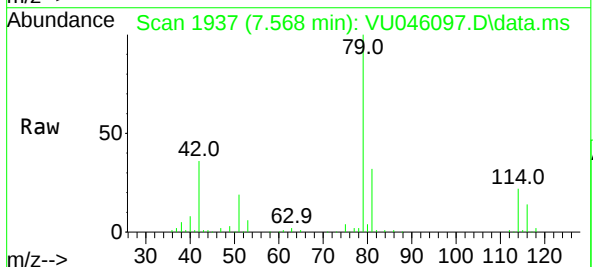
Acq: 04 Dec 2021 16:43

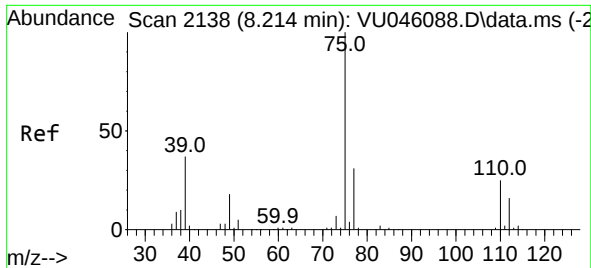
Tgt Ion: 75 Resp: 4968

Ion Ratio Lower Upper

75 100

77 54.8 21.8 40.6#

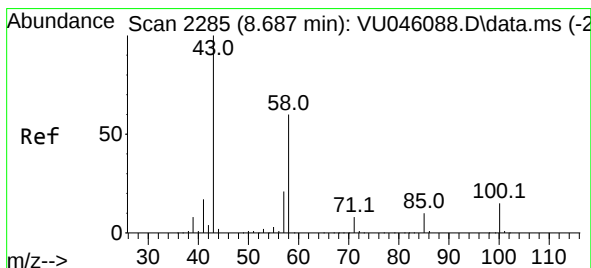
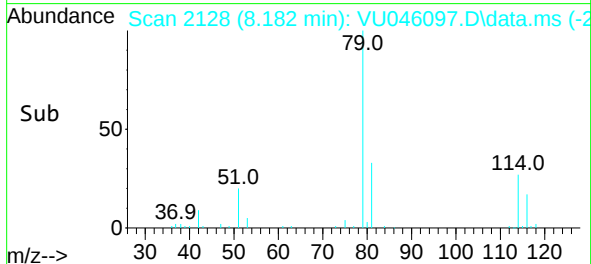
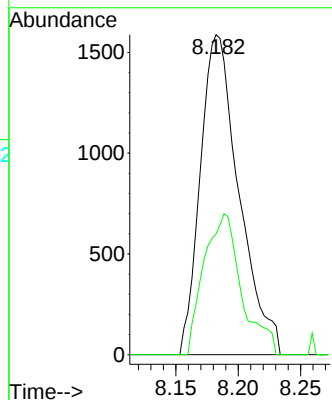
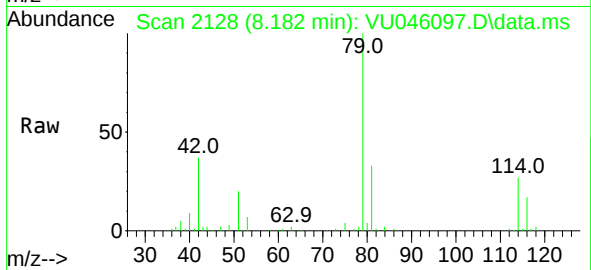




#44
trans-1,3-Dichloropropene
Concen: 1.108 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU046097.D
Acq: 04 Dec 2021 16:43

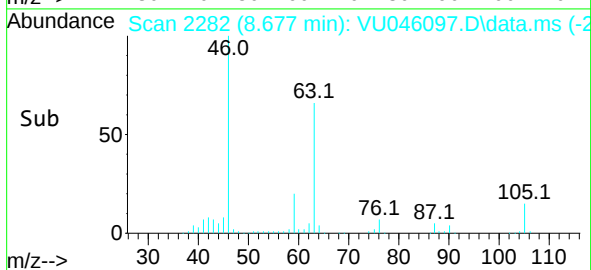
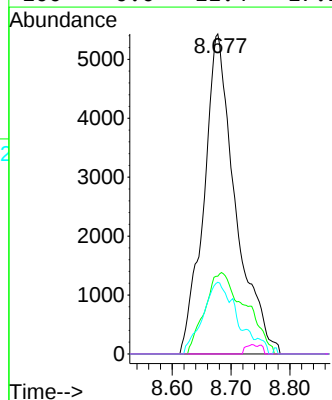
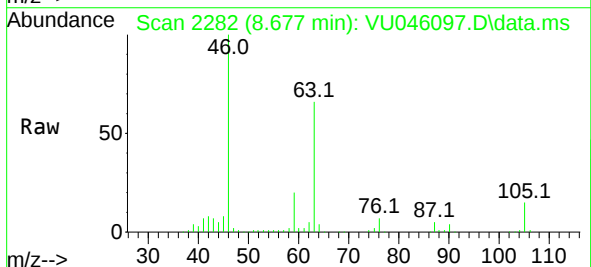
Instrument :
MSVOA_U
ClientSampleId :

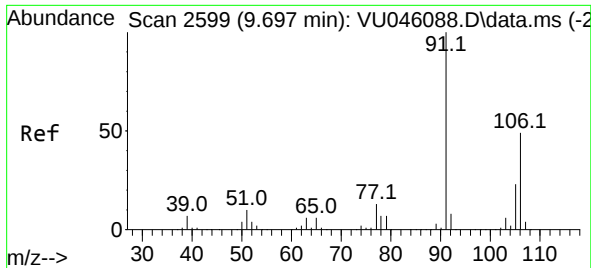
Tgt Ion: 75 Resp: 3426
Ion Ratio Lower Upper
75 100
77 37.7 21.7 40.3



#48
2-Hexanone
Concen: 7.434 ug/L
RT: 8.677 min Scan# 2282
Delta R.T. -0.010 min
Lab File: VU046097.D
Acq: 04 Dec 2021 16:43

Tgt Ion: 43 Resp: 20217
Ion Ratio Lower Upper
43 100
58 0.0 47.4 71.2#
57 17.1 16.6 25.0
100 0.0 11.4 17.2#

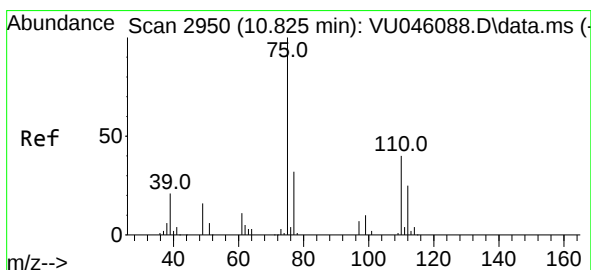
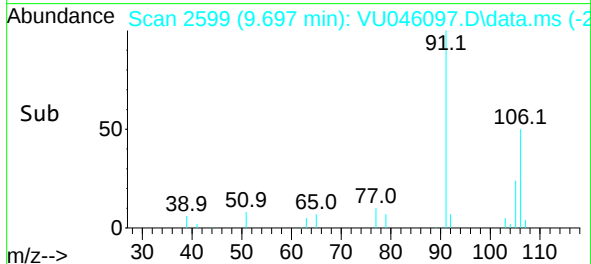
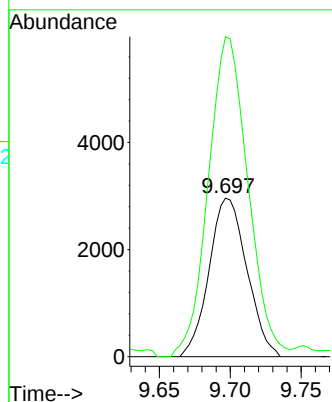
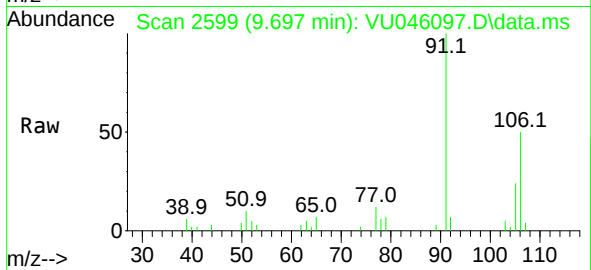




#53
m,p-Xylene
Concen: 1.545 ug/L
RT: 9.697 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046097.D
Acq: 04 Dec 2021 16:43

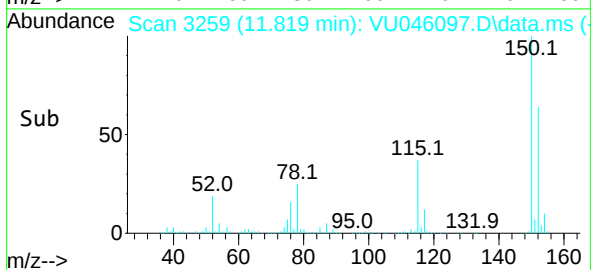
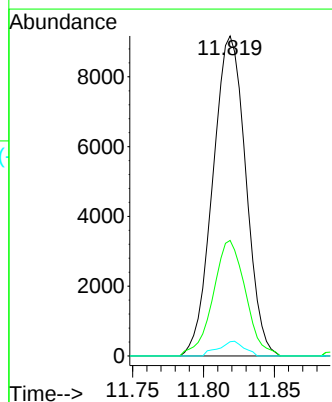
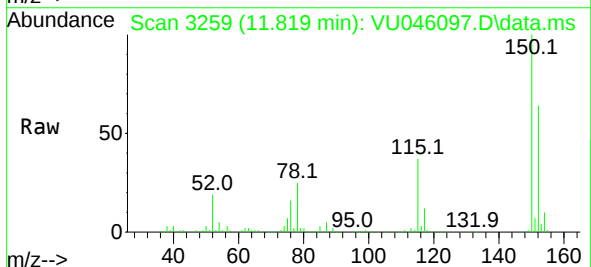
Instrument :
MSVOA_U
ClientSampleId :

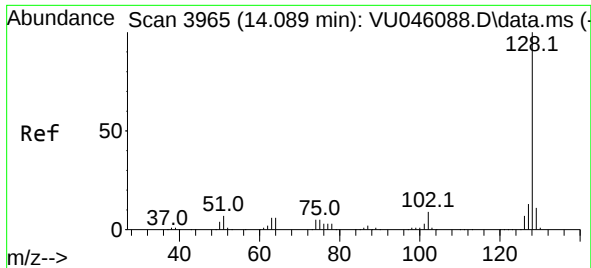
Tgt Ion:106 Resp: 5498
Ion Ratio Lower Upper
106 100
91 201.8 144.3 268.1



#60
1,2,3-Trichloropropane
Concen: 5.017 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.993 min
Lab File: VU046097.D
Acq: 04 Dec 2021 16:43

Tgt Ion: 75 Resp: 14846
Ion Ratio Lower Upper
75 100
77 35.5 26.4 39.6
110 3.5 32.4 48.6#





#71

Naphthalene

Concen: 2.232 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. -0.000 min

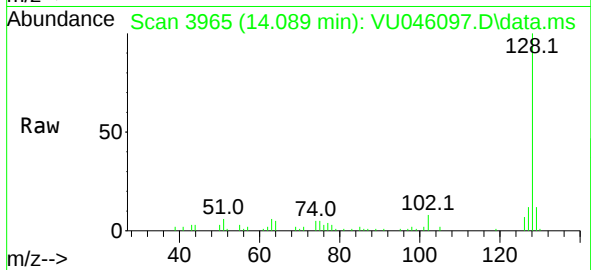
Lab File: VU046097.D

Acq: 04 Dec 2021 16:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 20956

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 12.8 8.6 13.0

