

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
 Data File : VU046084.D
 Acq On : 03 Dec 2021 19:09
 Operator : SY/MD
 Sample : M4869-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 04 03:09:12 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)

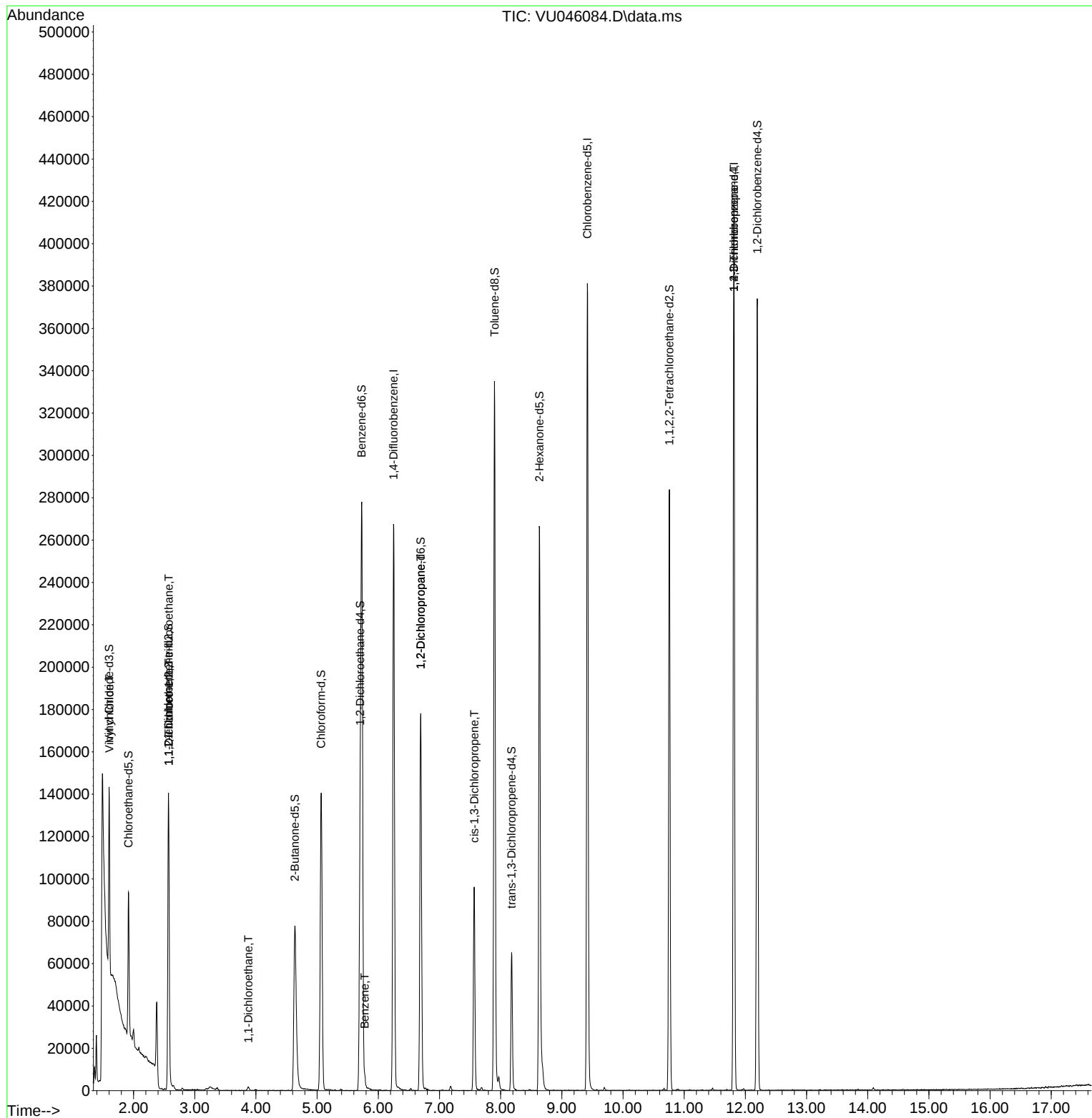
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	221774	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	218849	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	108456	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	55608	30.439	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.880%
7) Chloroethane-d5	1.916	69	49123	35.022	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.040%
11) 1,1-Dichloroethene-d2	2.572	63	83610	25.494	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.980%#
21) 2-Butanone-d5	4.636	46	133217	91.730	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.730%
24) Chloroform-d	5.067	84	136111	44.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.240%
26) 1,2-Dichloroethane-d4	5.703	65	88591	43.270	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.540%
32) Benzene-d6	5.729	84	261718	41.724	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.440%
36) 1,2-Dichloropropane-d6	6.694	67	87324	44.920	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.840%
41) Toluene-d8	7.899	98	228619	40.030	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.060%
43) trans-1,3-Dichloroprop...	8.179	79	37503	39.964	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.920%
47) 2-Hexanone-d5	8.632	63	98597	106.971	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.970%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	141573	48.021	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.040%
66) 1,2-Dichlorobenzene-d4	12.195	152	98936	47.368	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.740%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	2723	1.251	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	790	0.490	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	586	0.382	ug/L #	1
19) 1,1-Dichloroethane	3.877	63	2285	0.774	ug/L	94
33) Benzene	5.777	78	5164	0.780	ug/L	100
37) 1,2-Dichloropropane	6.694	63	9293	5.356	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2293	0.869	ug/L #	75
60) 1,2,3-Trichloropropane	11.812	75	12879	5.417	ug/L #	66

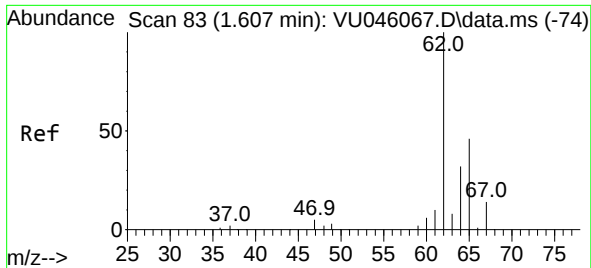
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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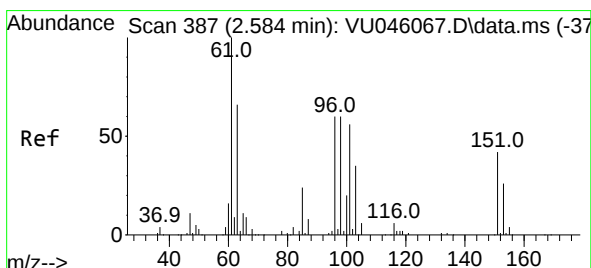
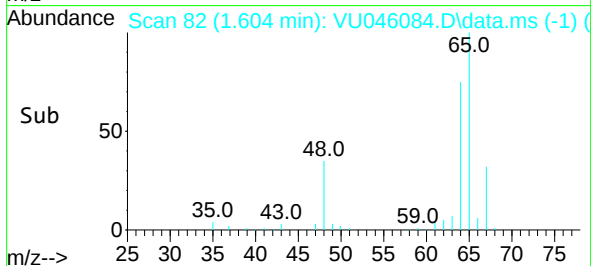
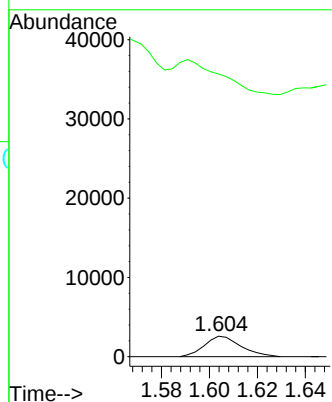
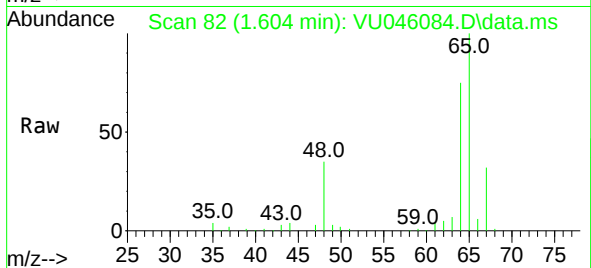




#5
 Vinyl chloride
 Concen: 1.251 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU046084.D
 Acq: 03 Dec 2021 19:09

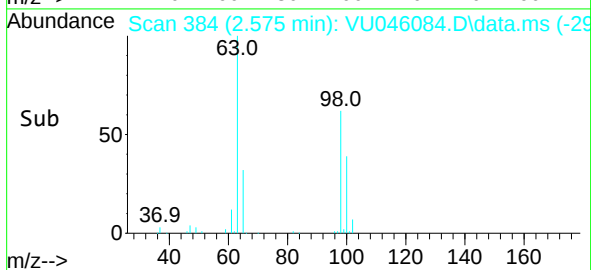
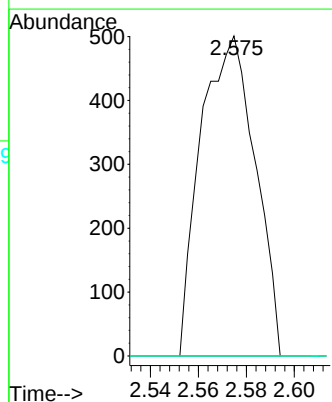
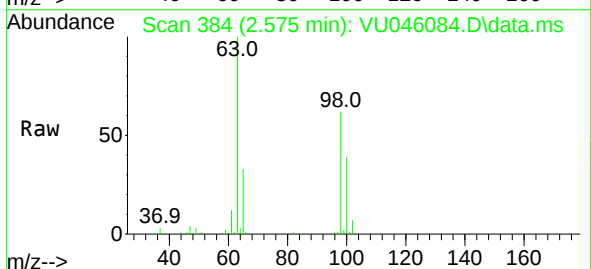
Instrument :
 MSVOA_U
 ClientSampleId :

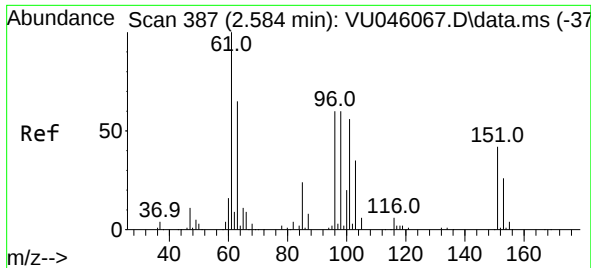
Tgt Ion: 62 Resp: 2723
 Ion Ratio Lower Upper
 62 100
 64 1384.0 22.9 42.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.490 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046084.D
 Acq: 03 Dec 2021 19:09

Tgt Ion: 101 Resp: 790
 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: 0.382 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.010 min

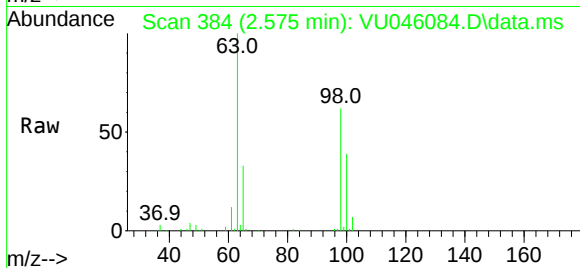
Lab File: VU046084.D

Acq: 03 Dec 2021 19:09

Instrument :

MSVOA_U

ClientSampleId :



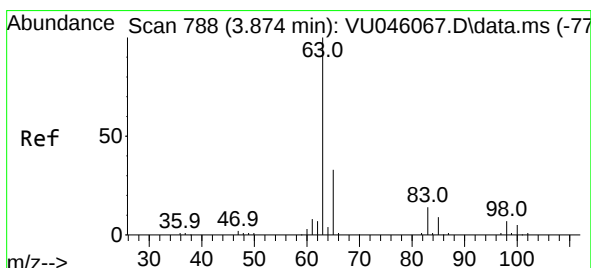
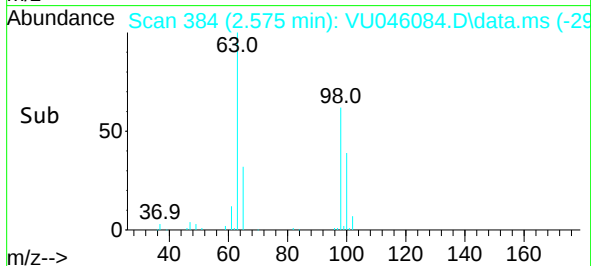
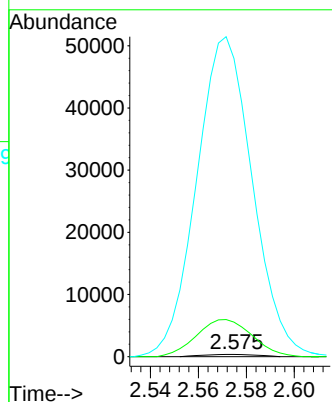
Tgt Ion: 96 Resp: 586

Ion Ratio Lower Upper

96 100

61 1525.8 118.6 220.2#

63 13180.2 93.0 172.8#



#19

1,1-Dichloroethane

Concen: 0.774 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU046084.D

Acq: 03 Dec 2021 19:09

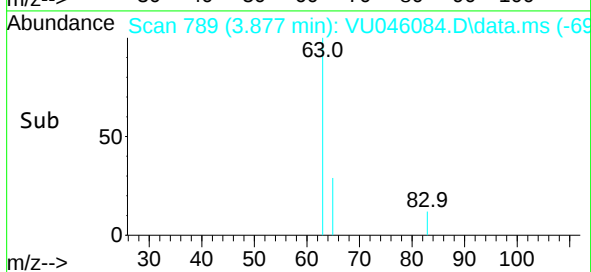
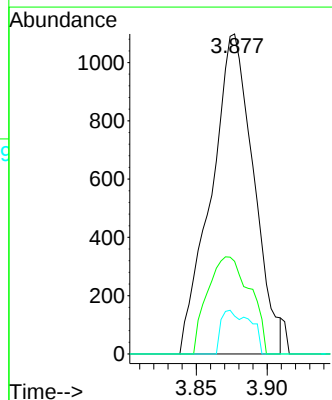
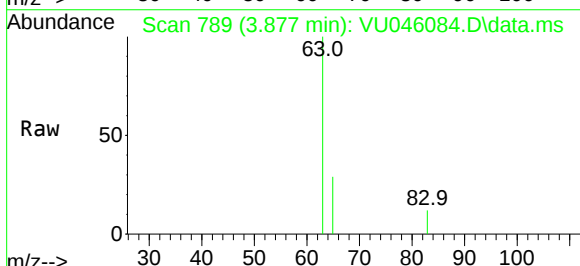
Tgt Ion: 63 Resp: 2285

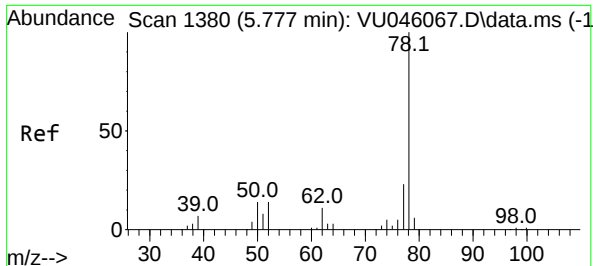
Ion Ratio Lower Upper

63 100

65 29.0 22.8 42.4

83 11.8 9.6 17.8

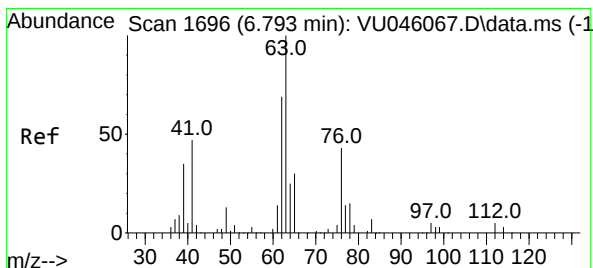
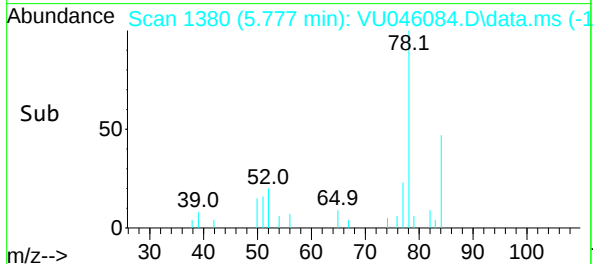
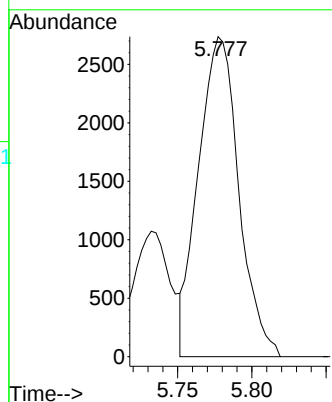
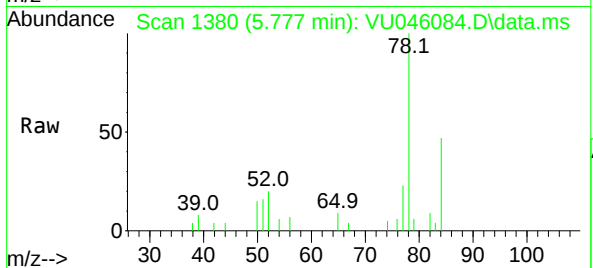




#33
Benzene
Concen: 0.780 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046084.D
Acq: 03 Dec 2021 19:09

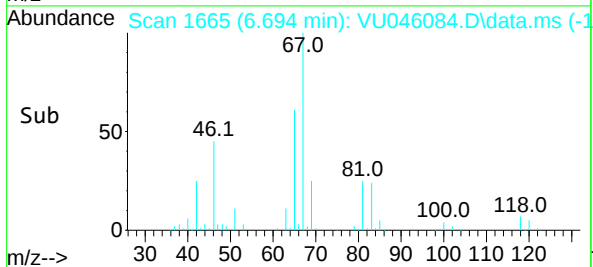
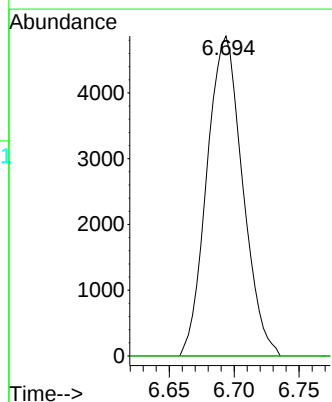
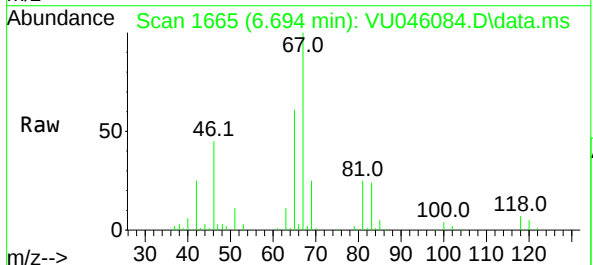
Instrument :
MSVOA_U
ClientSampleId :

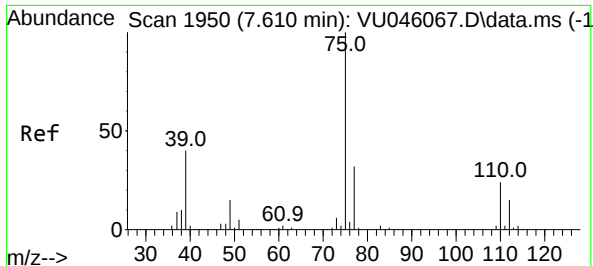
Tgt Ion: 78 Resp: 5164



#37
1,2-Dichloropropane
Concen: 5.356 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046084.D
Acq: 03 Dec 2021 19:09

Tgt Ion: 63 Resp: 9293
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

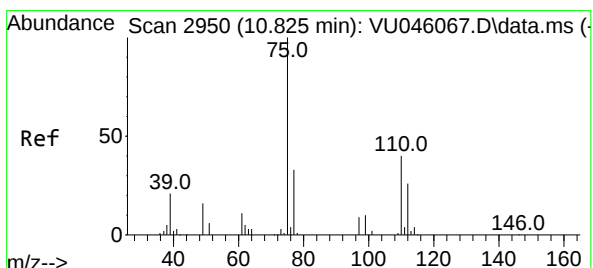
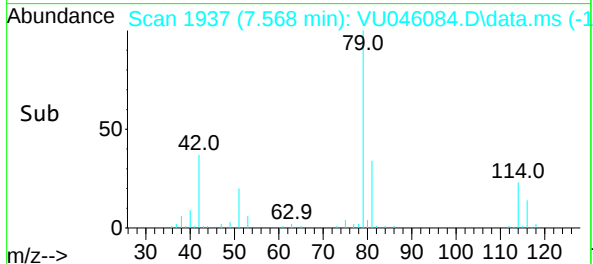
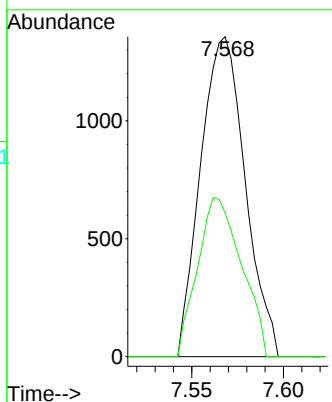
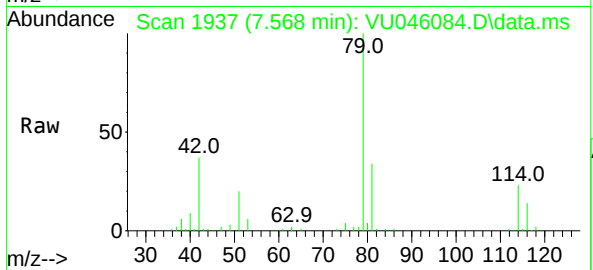




#39
cis-1,3-Dichloropropene
Concen: 0.869 ug/L
RT: 7.568 min Scan# 1950
Delta R.T. -0.042 min
Lab File: VU046084.D
Acq: 03 Dec 2021 19:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2293
Ion Ratio Lower Upper
75 100
77 44.9 21.8 40.6#



#60
1,2,3-Trichloropropane
Concen: 5.417 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046084.D
Acq: 03 Dec 2021 19:09

Tgt Ion: 75 Resp: 12879
Ion Ratio Lower Upper
75 100
77 33.4 26.4 39.6
110 2.5 32.4 48.6#

