

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046201.D
 Acq On : 09 Dec 2021 01:12
 Operator : SY/MD
 Sample : M4982-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 04:37:33 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)

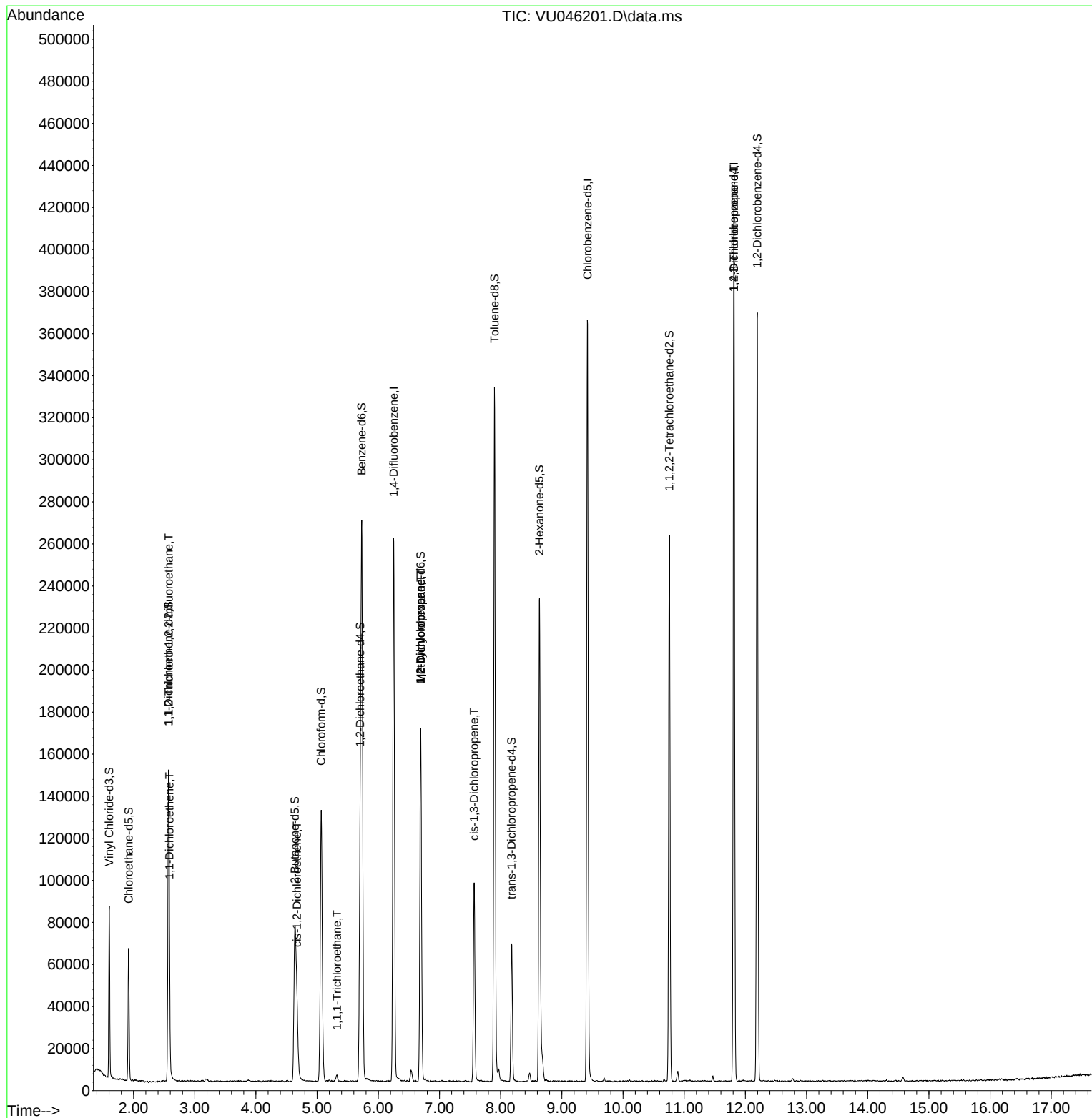
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	216456	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	211767	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	112346	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	55859	31.328	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	62.660%		
7) Chloroethane-d5	1.919	69	45645	33.342	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	66.680%#		
11) 1,1-Dichloroethene-d2	2.572	63	86439	27.005	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.000%#		
21) 2-Butanone-d5	4.636	46	128219	90.458	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.460%		
24) Chloroform-d	5.067	84	120180	40.361	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.720%		
26) 1,2-Dichloroethane-d4	5.703	65	82316	41.193	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.380%		
32) Benzene-d6	5.729	84	251507	41.437	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.880%		
36) 1,2-Dichloropropane-d6	6.694	67	80224	42.648	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.300%		
41) Toluene-d8	7.899	98	227805	41.222	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.440%		
43) trans-1,3-Dichloroprop...	8.179	79	37981	41.827	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.660%		
47) 2-Hexanone-d5	8.632	63	86994	97.539	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.540%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	127049	44.536	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.080%		
66) 1,2-Dichlorobenzene-d4	12.195	152	98539	45.544	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.080%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	803	0.510	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	7340	4.904	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	10159	5.911	ug/L	95
30) 1,1,1-Trichloroethane	5.324	97	2260	0.869	ug/L #	73
35) Methylcyclohexane	6.694	83	19386	7.405	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	8684	5.172	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	2229	0.873	ug/L #	81
60) 1,2,3-Trichloropropane	11.812	75	12502	5.076	ug/L #	65

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

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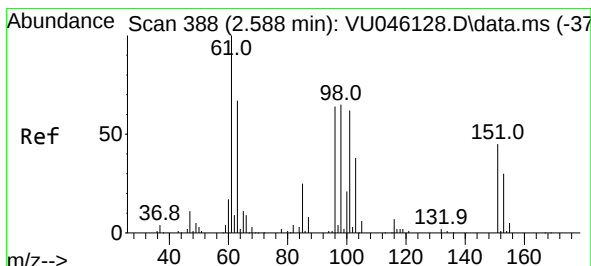
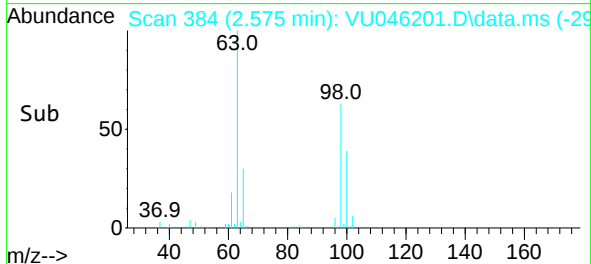
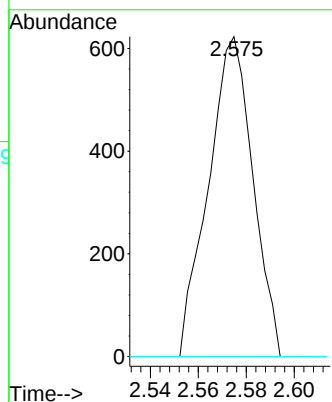
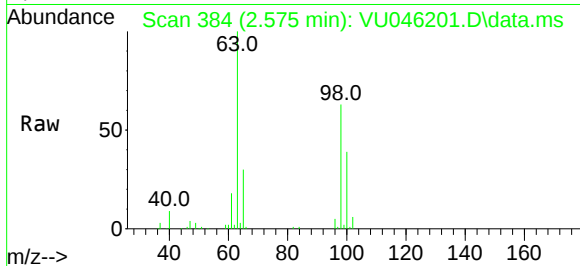




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.510 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046201.D
 Acq: 09 Dec 2021 01:12

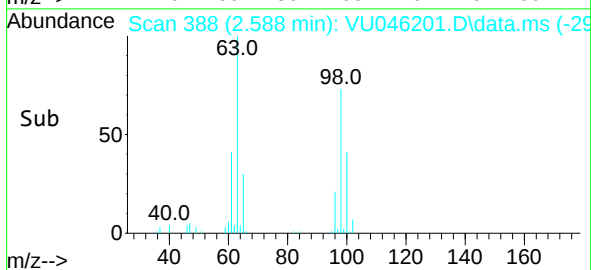
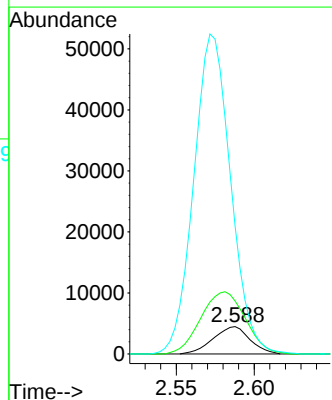
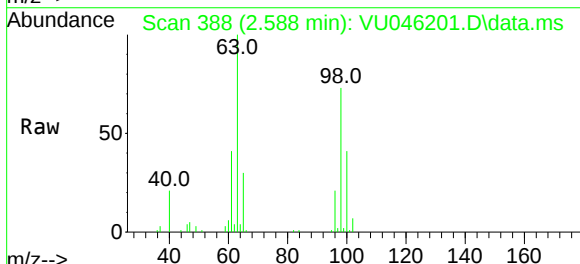
Instrument :
 MSVOA_U
 ClientSampleId :

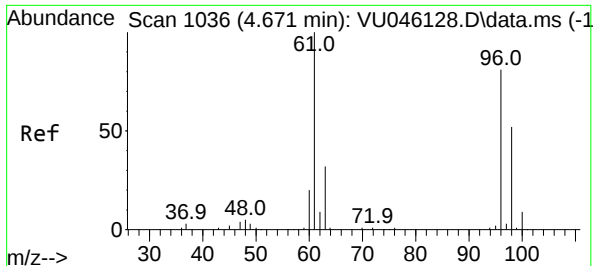
Tgt Ion:101 Resp: 803
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 4.904 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU046201.D
 Acq: 09 Dec 2021 01:12

Tgt Ion: 96 Resp: 7340
 Ion Ratio Lower Upper
 96 100
 61 194.0 118.6 220.2
 63 468.9 93.0 172.8#





#20

cis-1,2-Dichloroethene

Concen: 5.911 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046201.D

Acq: 09 Dec 2021 01:12

Instrument :

MSVOA_U

ClientSampleId :

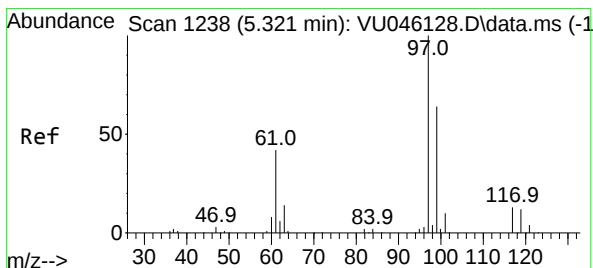
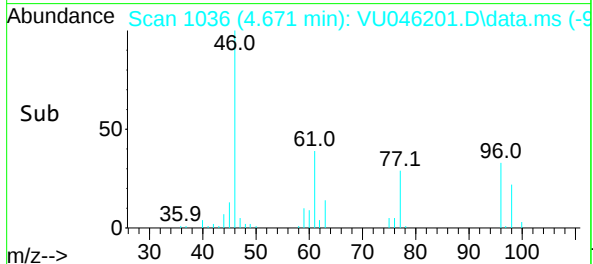
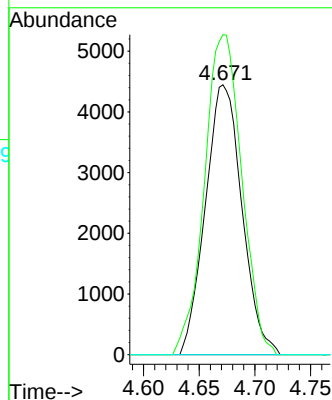
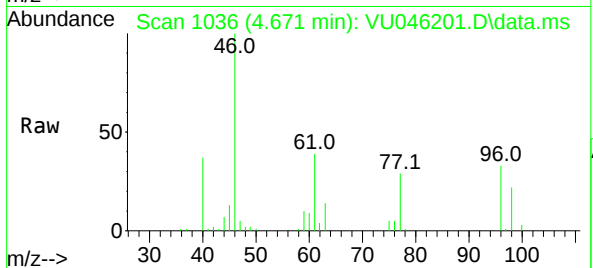
Tgt Ion: 96 Resp: 10159

Ion Ratio Lower Upper

96 100

61 118.6 86.8 161.2

68 0.0 0.0 0.0



#30

1,1,1-Trichloroethane

Concen: 0.869 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. 0.003 min

Lab File: VU046201.D

Acq: 09 Dec 2021 01:12

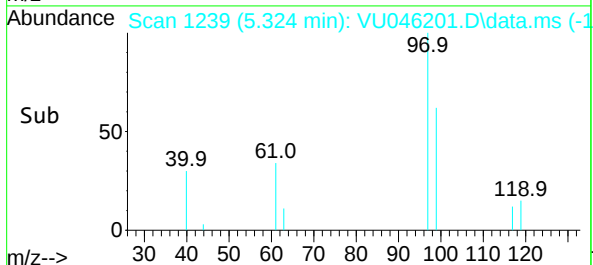
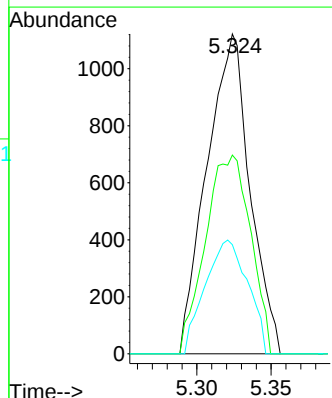
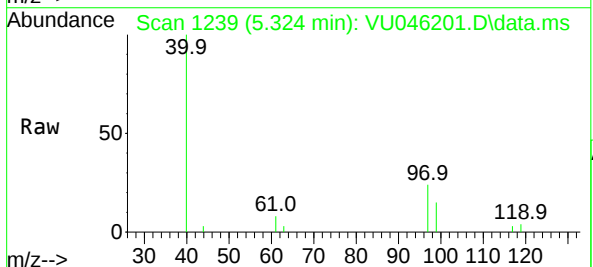
Tgt Ion: 97 Resp: 2260

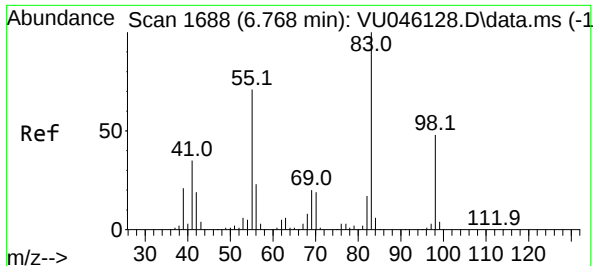
Ion Ratio Lower Upper

97 100

99 35.0 51.8 77.6#

61 35.3 34.4 51.6

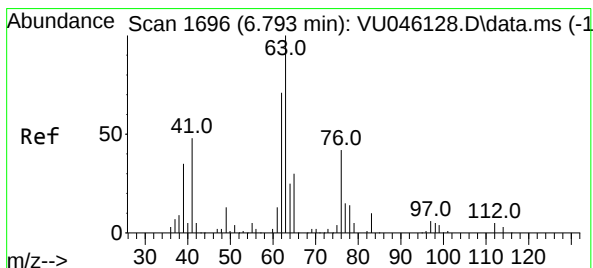
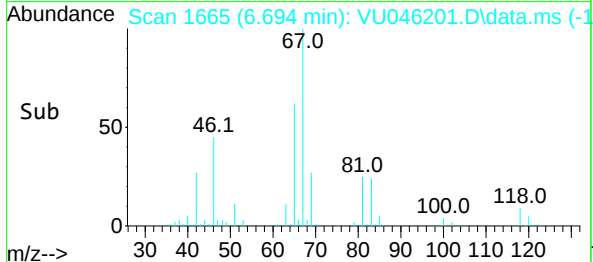
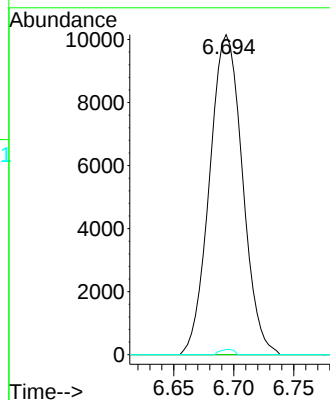
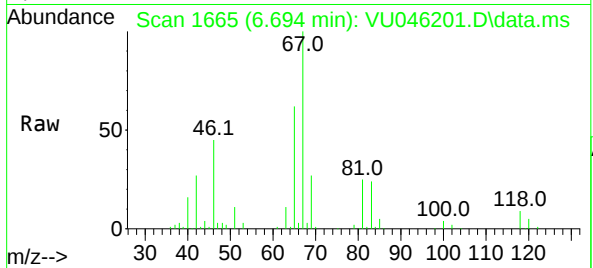




#35
Methylcyclohexane
Concen: 7.405 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046201.D
Acq: 09 Dec 2021 01:12

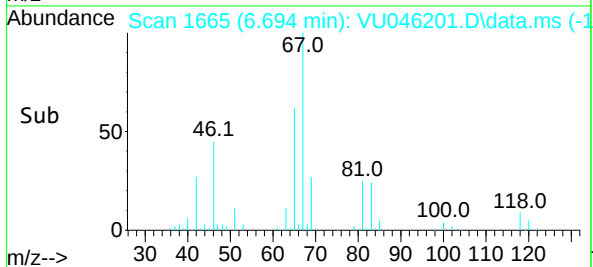
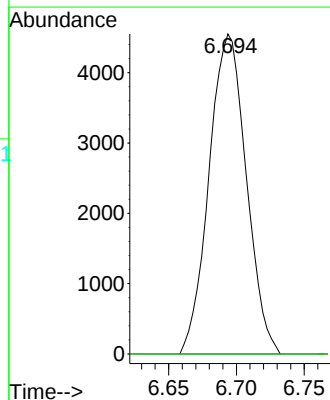
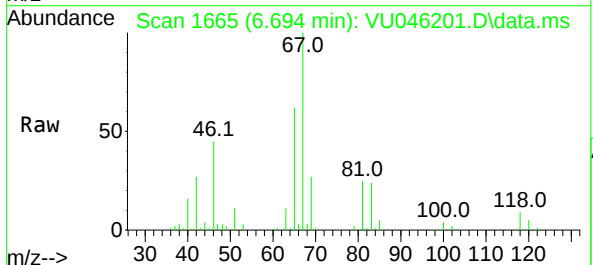
Instrument :
MSVOA_U
ClientSampleId :

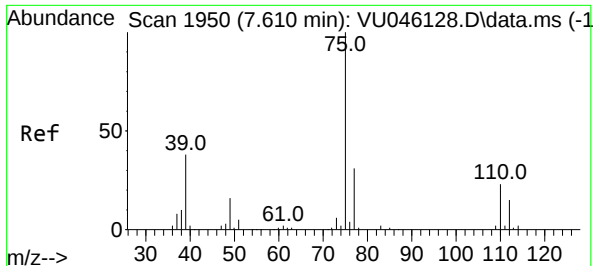
Tgt Ion: 83 Resp: 19386
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.7 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 5.172 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046201.D
Acq: 09 Dec 2021 01:12

Tgt Ion: 63 Resp: 8684
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.873 ug/L

RT: 7.565 min Scan# 19

Delta R.T. -0.045 min

Lab File: VU046201.D

Acq: 09 Dec 2021 01:12

Instrument :

MSVOA_U

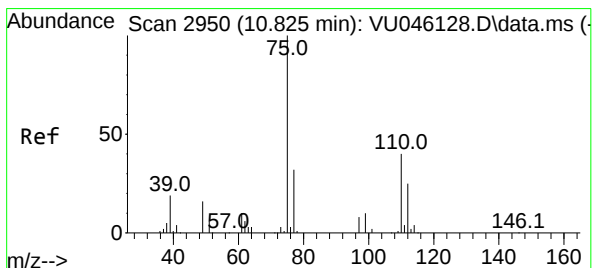
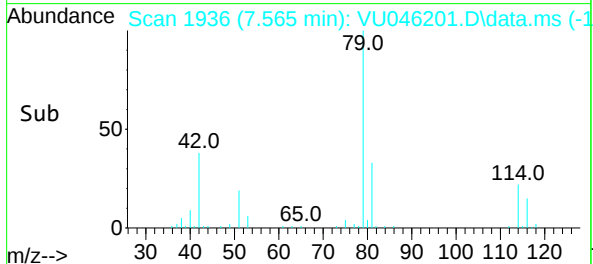
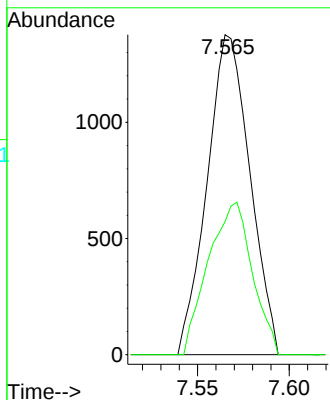
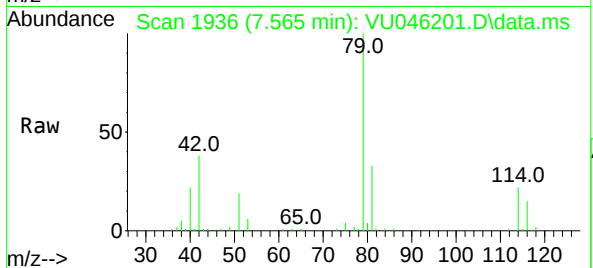
ClientSampleId :

Tgt Ion: 75 Resp: 2229

Ion Ratio Lower Upper

75 100

77 41.6 21.8 40.6#



#60

1,2,3-Trichloropropane

Concen: 5.076 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046201.D

Acq: 09 Dec 2021 01:12

Tgt Ion: 75 Resp: 12502

Ion Ratio Lower Upper

75 100

77 31.6 26.4 39.6

110 2.8 32.4 48.6#

