

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046217.D
 Acq On : 09 Dec 2021 14:03
 Operator : SY/MD
 Sample : M4887-14MEDL 10X
 Misc : 3.64g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 03:44:24 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)

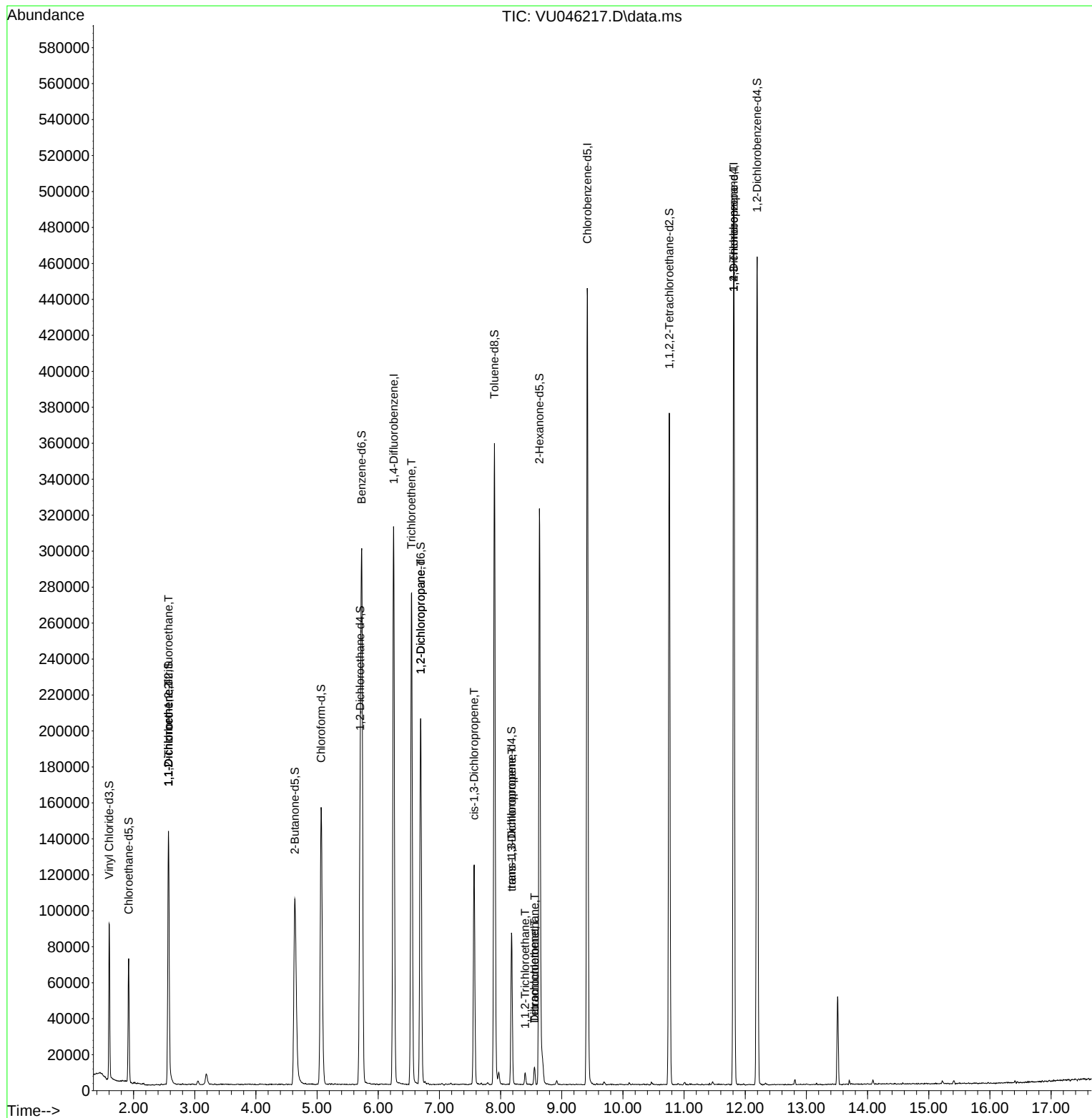
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	260587	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	255085	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	131520	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	61326	28.569	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	57.140%#		
7) Chloroethane-d5	1.919	69	50499	30.640	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	61.280%#		
11) 1,1-Dichloroethene-d2	2.571	63	83324	21.623	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	43.240%#		
21) 2-Butanone-d5	4.636	46	175095	102.609	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.610%		
24) Chloroform-d	5.066	84	143886	40.139	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.280%		
26) 1,2-Dichloroethane-d4	5.703	65	102811	42.736	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.480%		
32) Benzene-d6	5.729	84	282475	38.636	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.280%		
36) 1,2-Dichloropropane-d6	6.693	67	98927	43.660	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.320%		
41) Toluene-d8	7.899	98	241908	36.340	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	72.680%#		
43) trans-1,3-Dichloroprop...	8.179	79	48842	44.653	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.300%		
47) 2-Hexanone-d5	8.635	63	121695	113.275	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	113.280%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	184920	53.814	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	107.620%		
66) 1,2-Dichlorobenzene-d4	12.195	152	123186	48.636	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.280%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	802	0.423	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	678	0.376	ug/L #	1
34) Trichloroethene	6.542	95	92620	45.538	ug/L	98
37) 1,2-Dichloropropane	6.693	63	10478	5.181	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2883	0.937	ug/L #	69
44) trans-1,3-Dichloropropene	8.182	75	1996	0.661	ug/L	86
45) 1,1,2-Trichloroethane	8.401	97	2275	1.121	ug/L	94
46) Tetrachloroethene	8.552	164	2245	1.502	ug/L	92
49) Dibromochloromethane	8.555	129	2259	1.060	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	14992	5.200	ug/L #	65

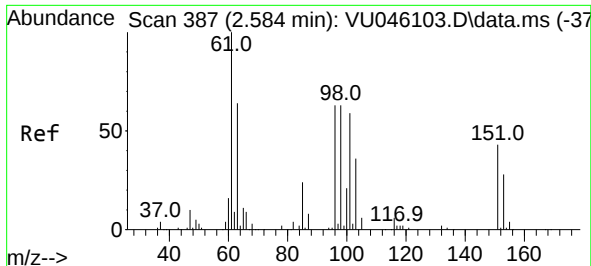
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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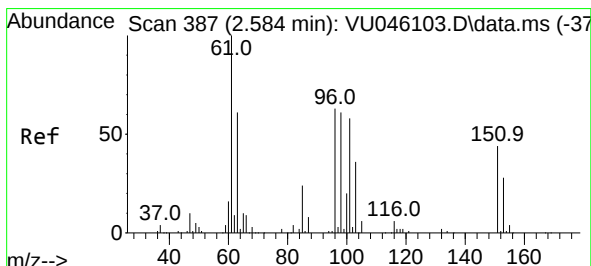
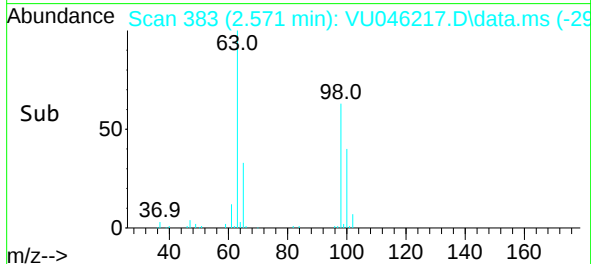
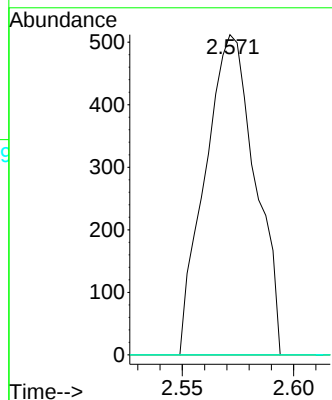
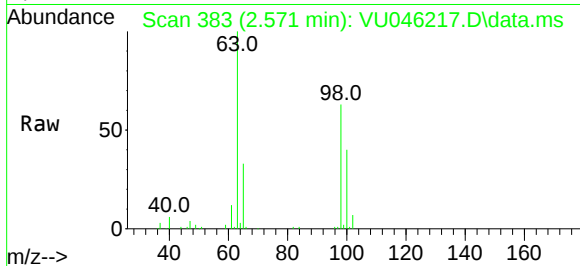




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.423 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046217.D
Acq: 09 Dec 2021 14:03

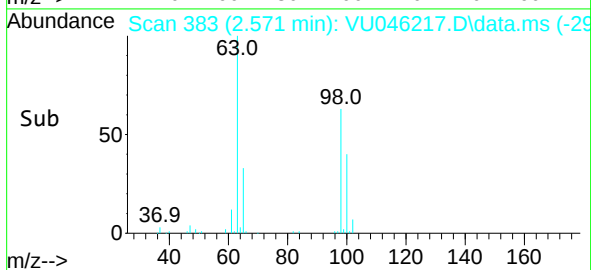
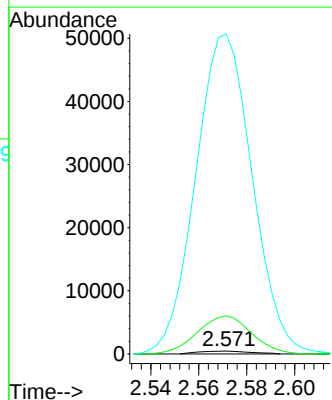
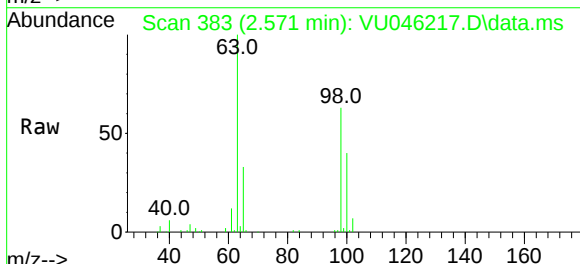
Instrument :
MSVOA_U
ClientSampleId :

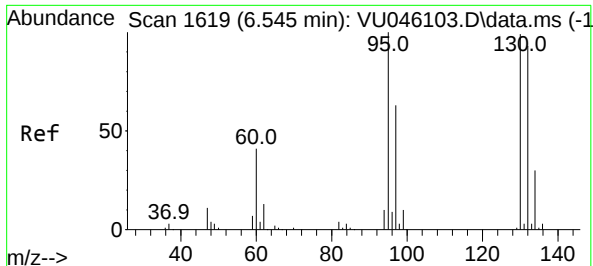
Tgt Ion:101 Resp: 802
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.376 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU046217.D
Acq: 09 Dec 2021 14:03

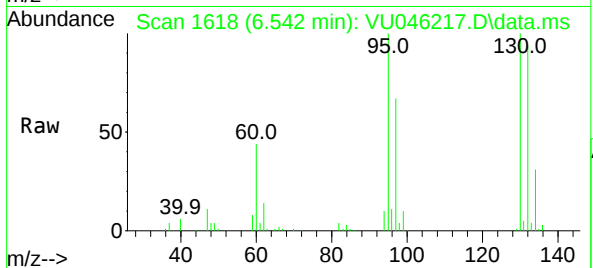
Tgt Ion: 96 Resp: 678
Ion Ratio Lower Upper
96 100
61 1335.4 118.6 220.2#
63 11212.4 93.0 172.8#



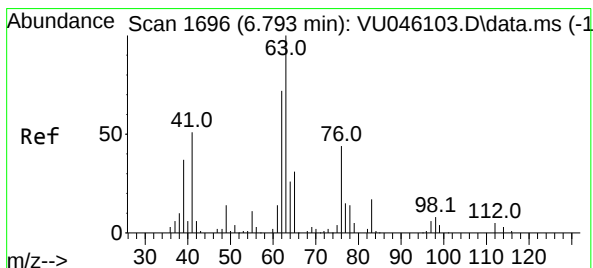
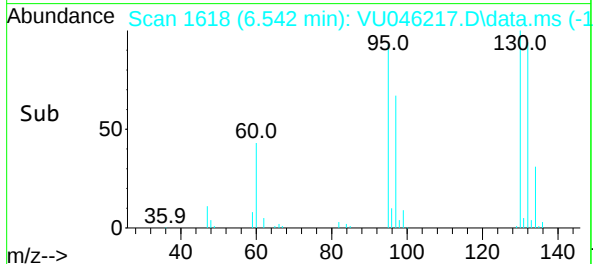
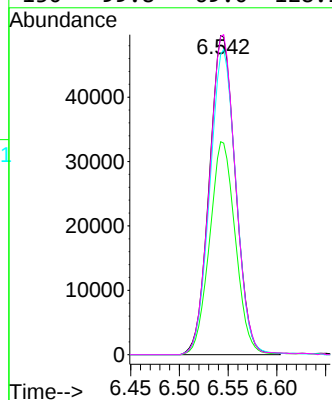


#34
Trichloroethene
Concen: 45.538 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046217.D
Acq: 09 Dec 2021 14:03

Instrument :
MSVOA_U
ClientSampleId :

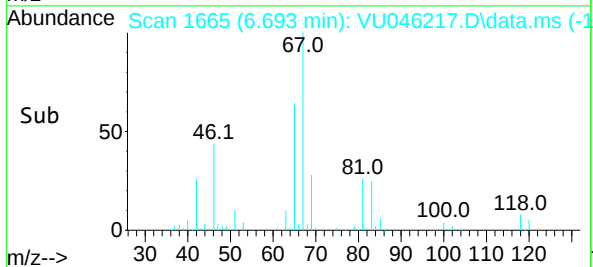
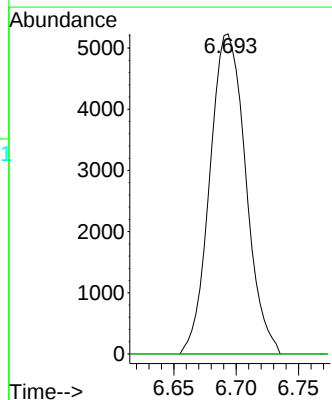
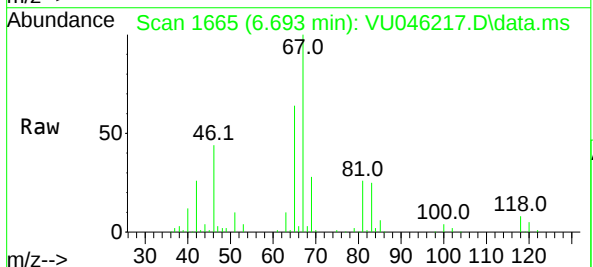


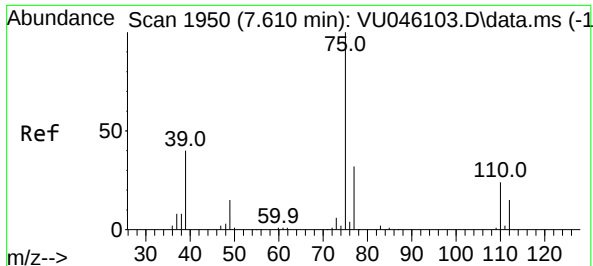
Tgt Ion: 95 Resp: 92620
Ion Ratio Lower Upper
95 100
97 66.7 44.1 81.9
132 94.2 66.8 124.0
130 99.8 69.0 128.1



#37
1,2-Dichloropropane
Concen: 5.181 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046217.D
Acq: 09 Dec 2021 14:03

Tgt Ion: 63 Resp: 10478
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.937 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

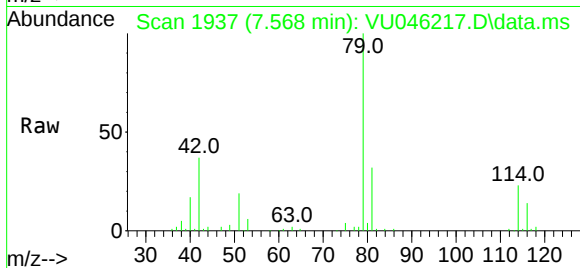
Lab File: VU046217.D

Acq: 09 Dec 2021 14:03

Instrument :

MSVOA_U

ClientSampleId :

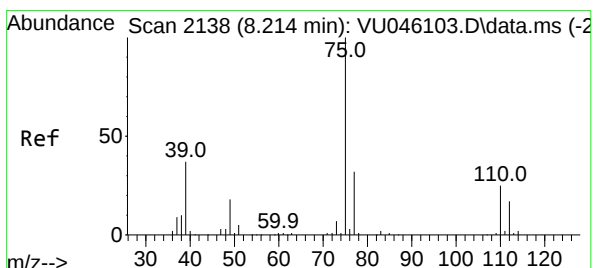
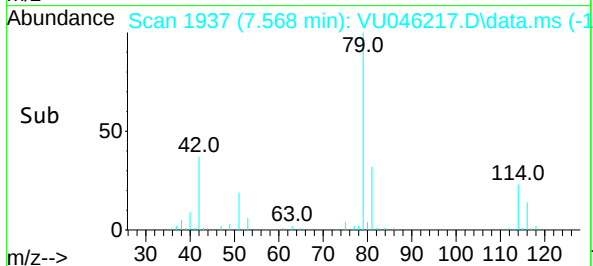
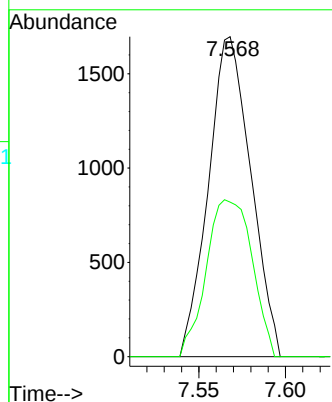


Tgt Ion: 75 Resp: 2883

Ion Ratio Lower Upper

75 100

77 48.3 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.661 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.032 min

Lab File: VU046217.D

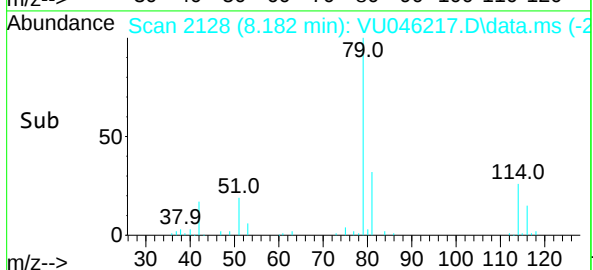
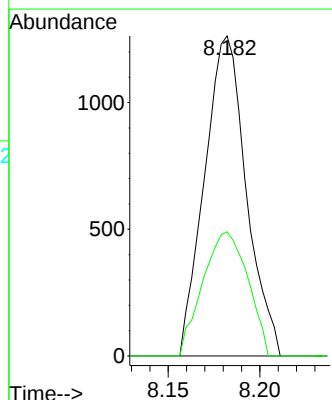
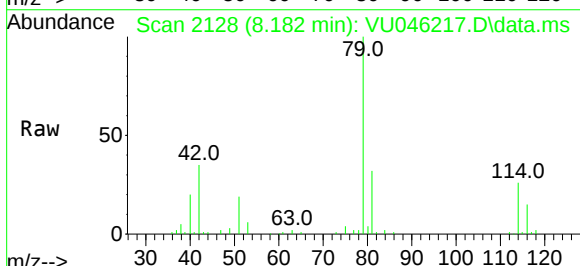
Acq: 09 Dec 2021 14:03

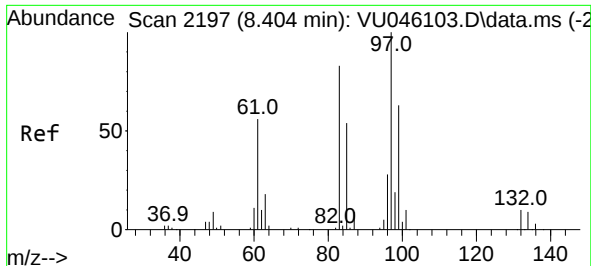
Tgt Ion: 75 Resp: 1996

Ion Ratio Lower Upper

75 100

77 38.8 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 1.121 ug/L

RT: 8.401 min Scan# 2196

Delta R.T. -0.003 min

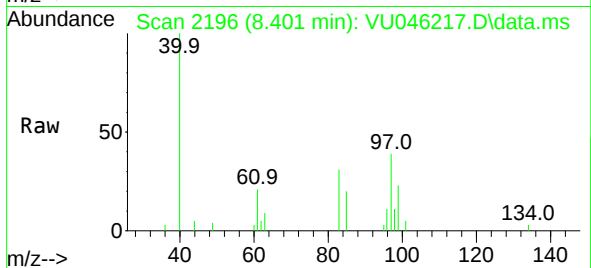
Lab File: VU046217.D

Acq: 09 Dec 2021 14:03

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 2275

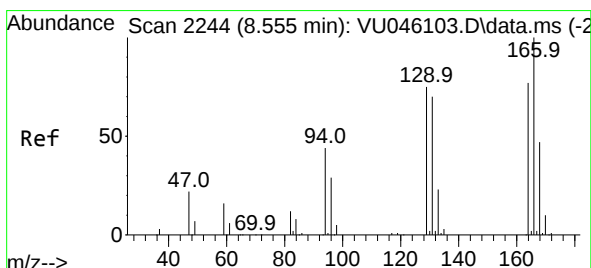
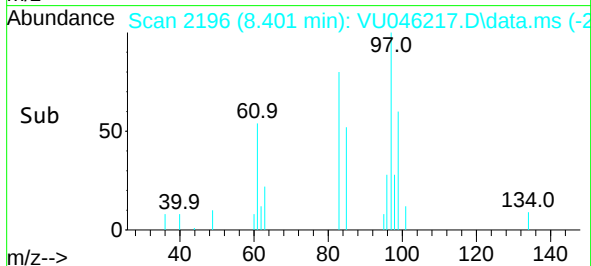
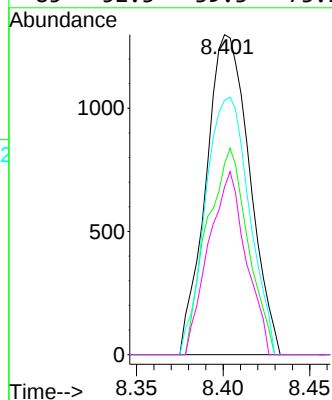
Ion Ratio Lower Upper

97 100

99 59.6 44.7 82.9

83 79.5 60.2 111.8

85 52.3 39.3 73.1



#46

Tetrachloroethene

Concen: 1.502 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU046217.D

Acq: 09 Dec 2021 14:03

Tgt Ion: 164 Resp: 2245

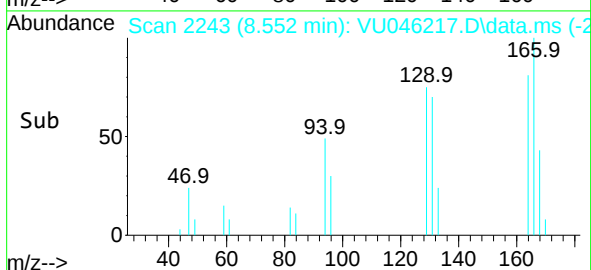
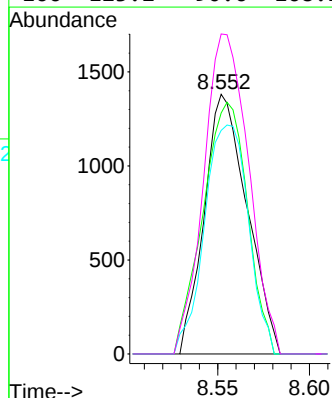
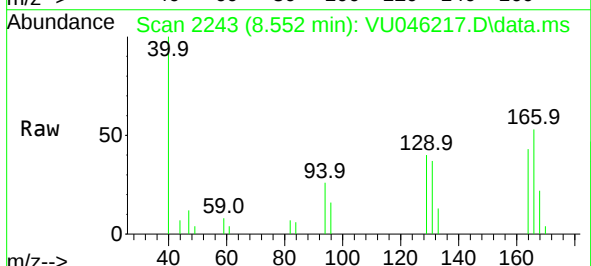
Ion Ratio Lower Upper

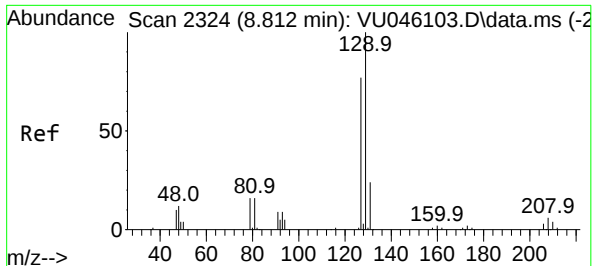
164 100

129 92.8 71.1 132.1

131 86.1 67.8 126.0

166 123.2 90.6 168.2





#49

Dibromochloromethane

Concen: 1.060 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046217.D

Acq: 09 Dec 2021 14:03

Instrument :

MSVOA_U

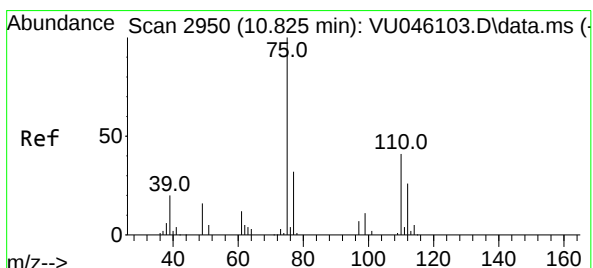
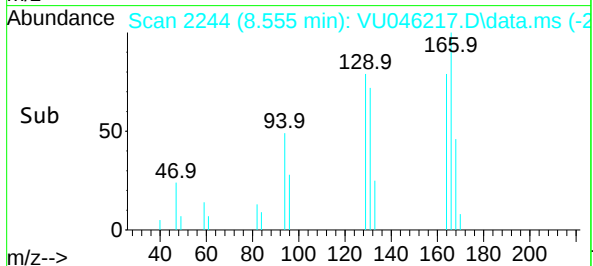
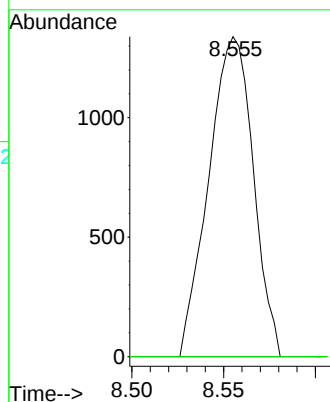
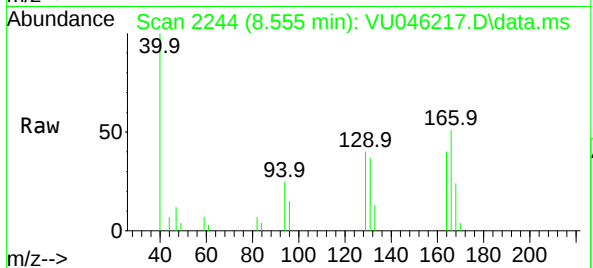
ClientSampleId :

Tgt Ion:129 Resp: 2259

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#60

1,2,3-Trichloropropane

Concen: 5.200 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046217.D

Acq: 09 Dec 2021 14:03

Tgt Ion: 75 Resp: 14992

Ion Ratio Lower Upper

75 100

77 33.5 26.4 39.6

110 1.9 32.4 48.6#

