

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046184.D
 Acq On : 08 Dec 2021 18:52
 Operator : SY/MD
 Sample : M4887-05MEDL 10X
 Misc : 5.33g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 03:21:14 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)

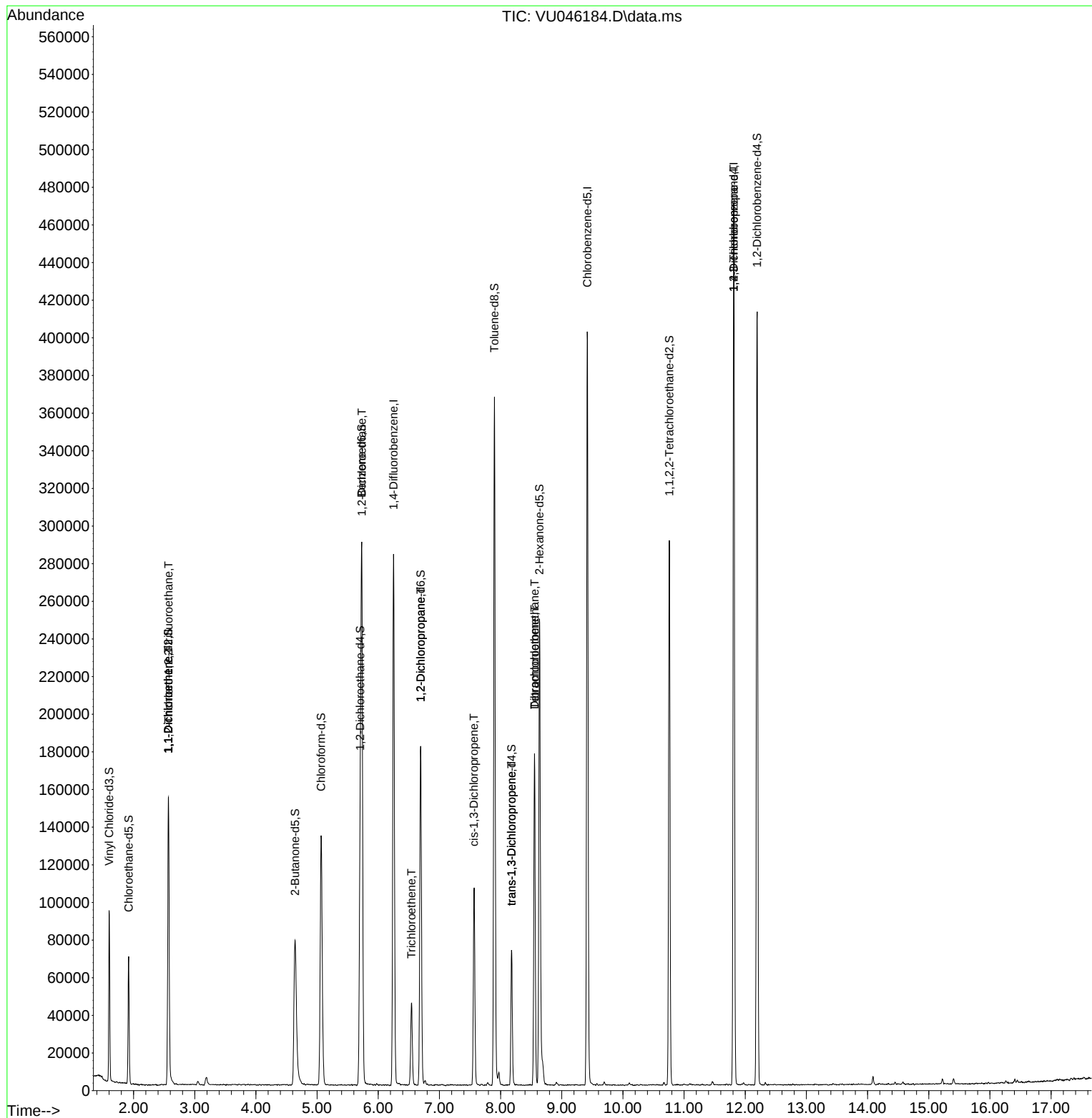
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	238016	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	232950	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	126402	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	63548	32.412	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.820%		
7) Chloroethane-d5	1.919	69	49283	32.738	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	65.480%#		
11) 1,1-Dichloroethene-d2	2.568	63	91130	25.891	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	51.780%#		
21) 2-Butanone-d5	4.639	46	139152	89.279	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.280%		
24) Chloroform-d	5.067	84	124755	38.103	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.200%		
26) 1,2-Dichloroethane-d4	5.703	65	88007	40.051	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.100%		
32) Benzene-d6	5.729	84	273467	40.958	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.920%		
36) 1,2-Dichloropropane-d6	6.693	67	86989	42.039	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.080%		
41) Toluene-d8	7.899	98	246745	40.589	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.180%		
43) trans-1,3-Dichloroprop...	8.179	79	42121	42.168	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.340%		
47) 2-Hexanone-d5	8.636	63	96492	98.350	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.350%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	140820	44.874	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.740%		
66) 1,2-Dichlorobenzene-d4	12.195	152	110381	45.344	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.680%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	830	0.479	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	685	0.416	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	1416	0.542	ug/L #	73
34) Trichloroethene	6.542	95	14035	7.556	ug/L	97
37) 1,2-Dichloropropane	6.693	63	9253	5.010	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	2494	0.888	ug/L #	63
44) trans-1,3-Dichloropropene	8.179	75	1798	0.652	ug/L	87
46) Tetrachloroethene	8.555	164	39546	28.972	ug/L	97
49) Dibromochloromethane	8.555	129	37748	19.400	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	14373	5.187	ug/L #	65

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

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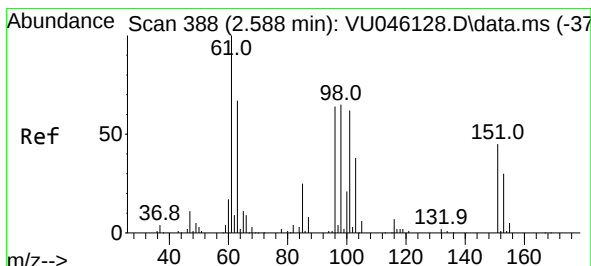
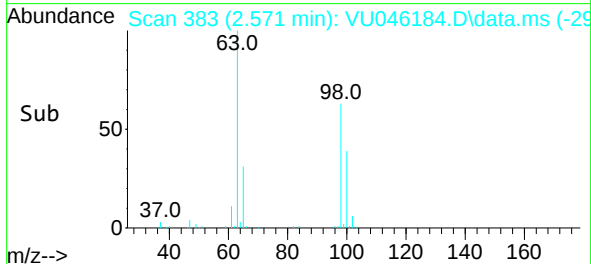
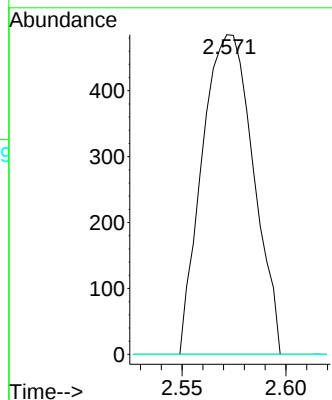
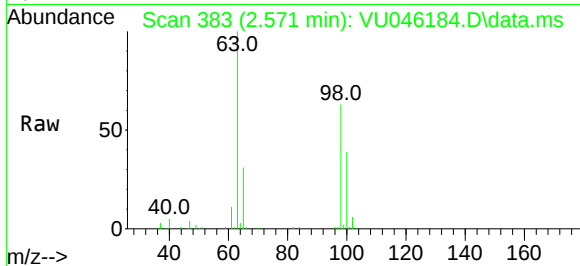




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.479 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046184.D
Acq: 08 Dec 2021 18:52

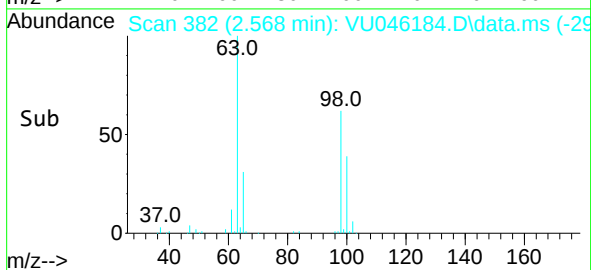
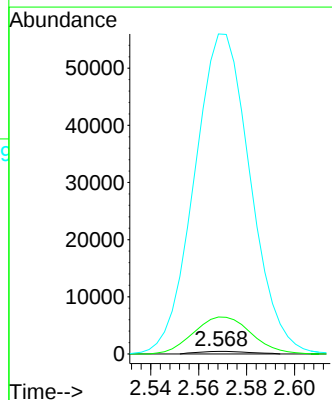
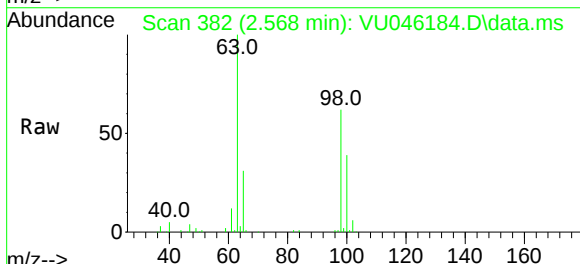
Instrument :
MSVOA_U
ClientSampleId :

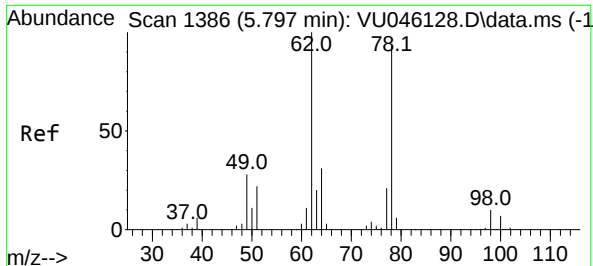
Tgt Ion:101 Resp: 830
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.416 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU046184.D
Acq: 08 Dec 2021 18:52

Tgt Ion: 96 Resp: 685
Ion Ratio Lower Upper
96 100
61 1403.7 118.6 220.2#
63 12145.8 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.542 ug/L

RT: 5.732 min Scan# 1

Delta R.T. -0.068 min

Lab File: VU046184.D

Acq: 08 Dec 2021 18:52

Instrument :

MSVOA_U

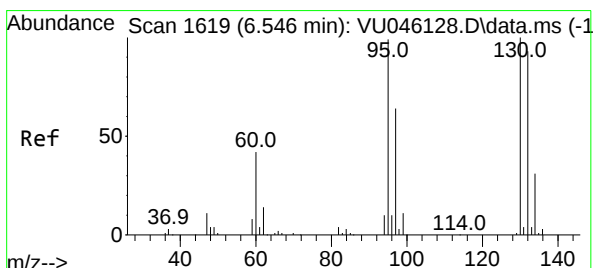
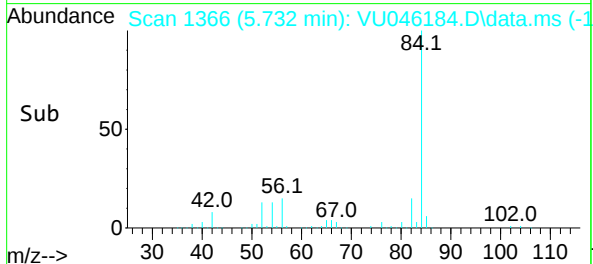
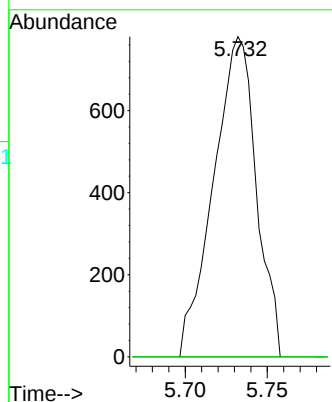
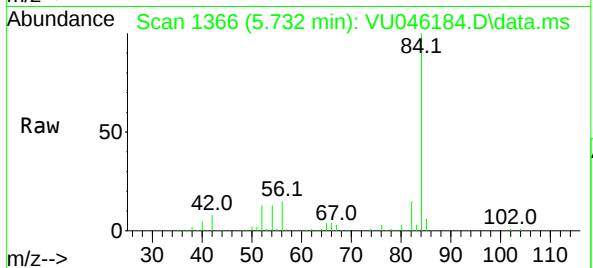
ClientSampleId :

Tgt Ion: 62 Resp: 1416

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#34

Trichloroethene

Concen: 7.556 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU046184.D

Acq: 08 Dec 2021 18:52

Tgt Ion: 95 Resp: 14035

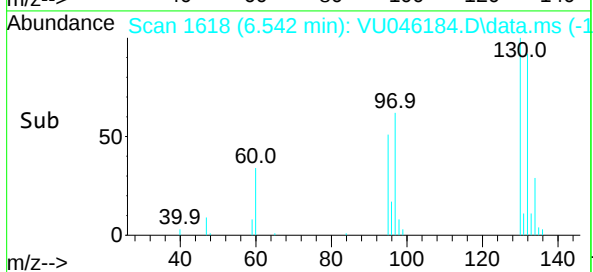
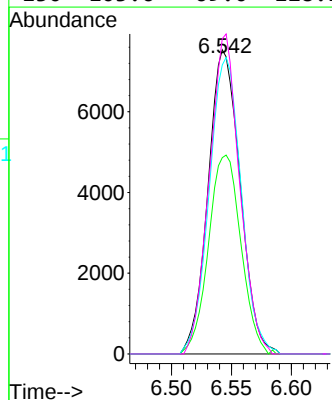
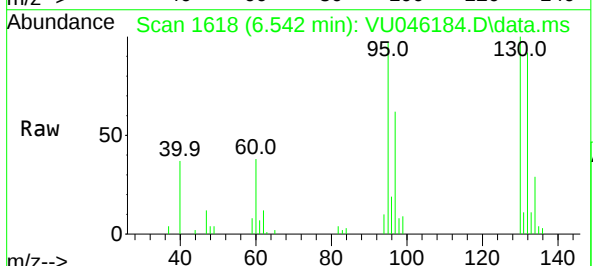
Ion Ratio Lower Upper

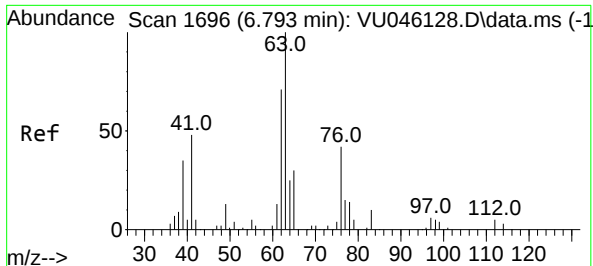
95 100

97 64.5 44.1 81.9

132 95.0 66.8 124.0

130 103.6 69.0 128.1

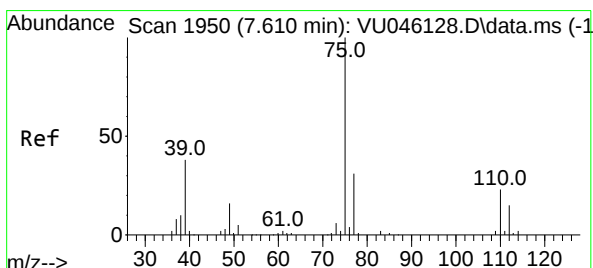
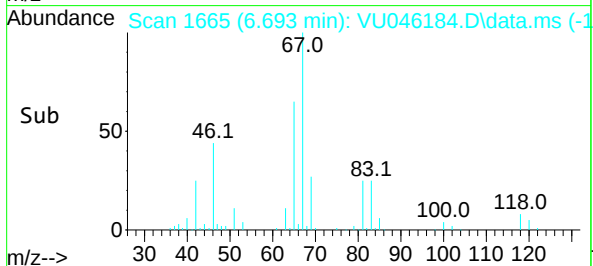
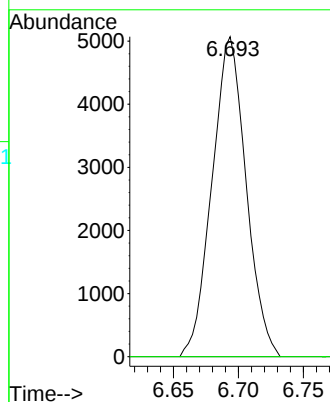
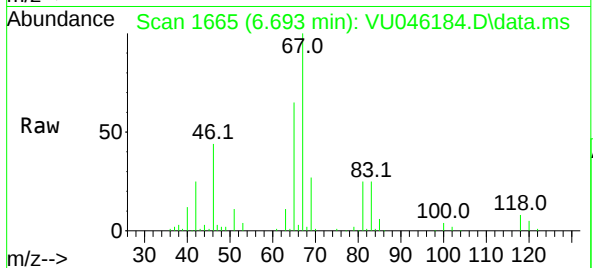




#37
1,2-Dichloropropane
Concen: 5.010 ug/L
RT: 6.693 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU046184.D
Acq: 08 Dec 2021 18:52

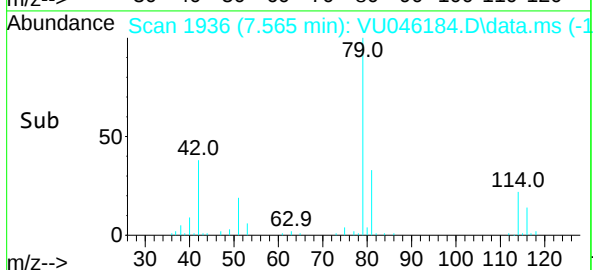
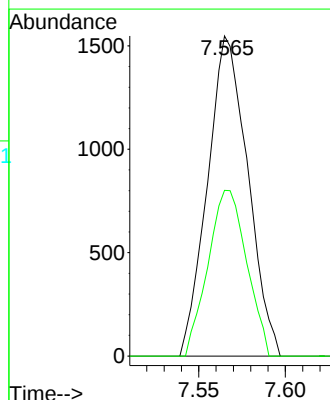
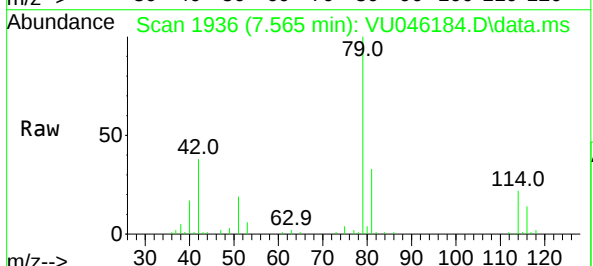
Instrument :
MSVOA_U
ClientSampleId :

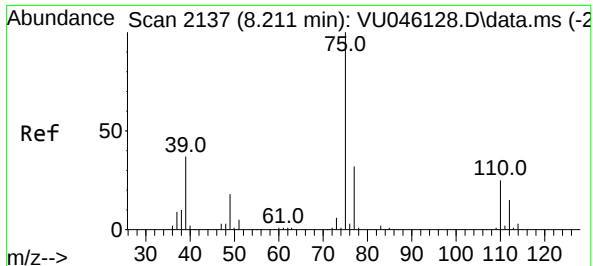
Tgt Ion: 63 Resp: 9253
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 0.888 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU046184.D
Acq: 08 Dec 2021 18:52

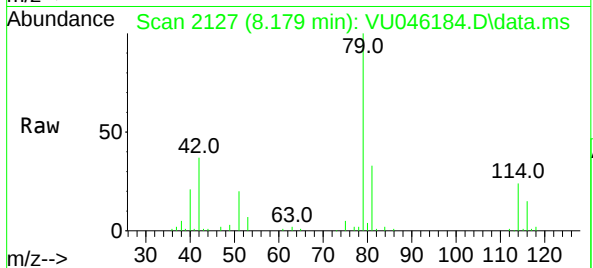
Tgt Ion: 75 Resp: 2494
Ion Ratio Lower Upper
75 100
77 51.7 21.8 40.6#



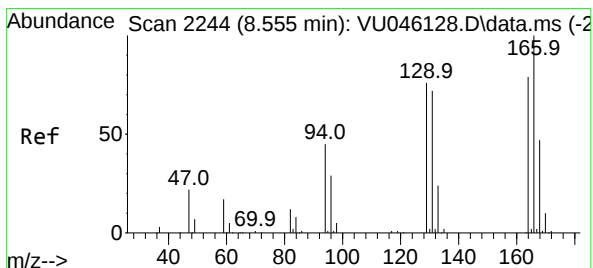
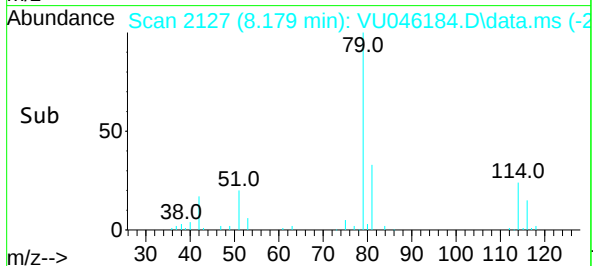
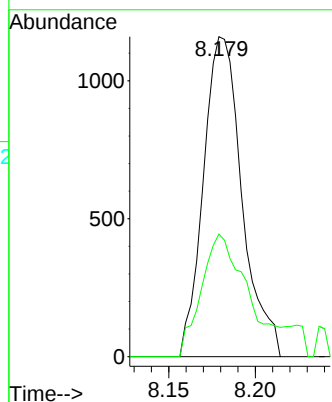


#44
trans-1,3-Dichloropropene
Concen: 0.652 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.035 min
Lab File: VU046184.D
Acq: 08 Dec 2021 18:52

Instrument :
MSVOA_U
ClientSampleId :

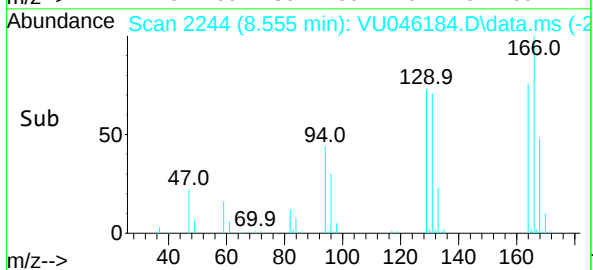
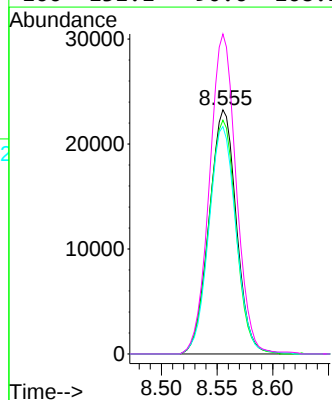
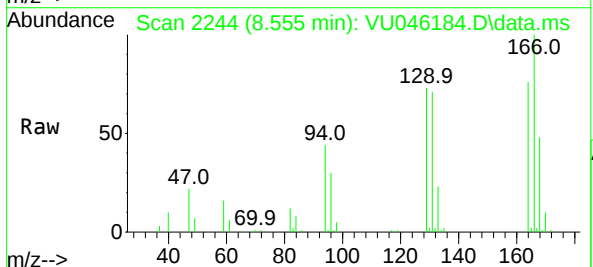


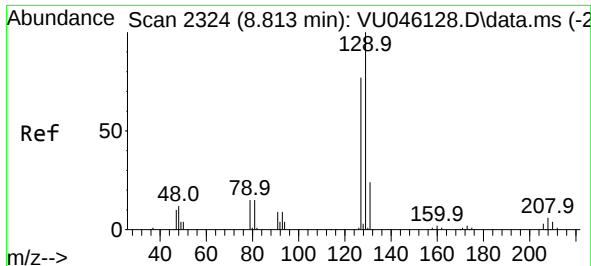
Tgt Ion: 75 Resp: 1798
Ion Ratio Lower Upper
75 100
77 38.3 21.7 40.3



#46
Tetrachloroethene
Concen: 28.972 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046184.D
Acq: 08 Dec 2021 18:52

Tgt Ion:164 Resp: 39546
Ion Ratio Lower Upper
164 100
129 95.7 71.1 132.1
131 93.1 67.8 126.0
166 131.1 90.6 168.2





#49

Dibromochloromethane

Concen: 19.400 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046184.D

Acq: 08 Dec 2021 18:52

Instrument :

MSVOA_U

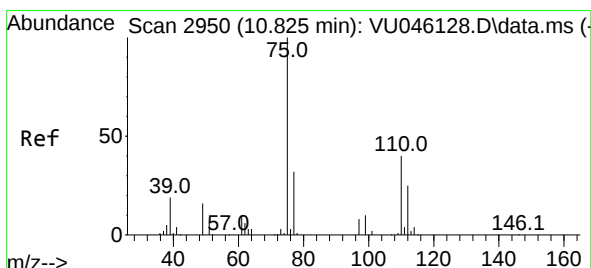
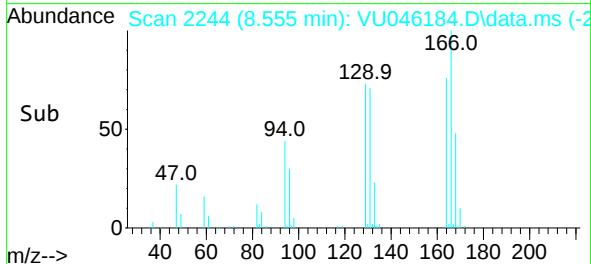
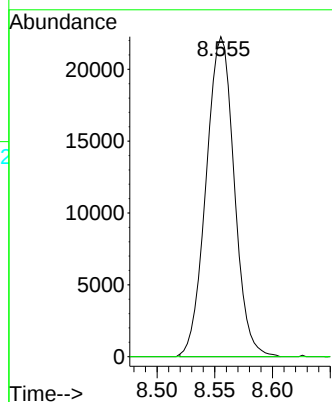
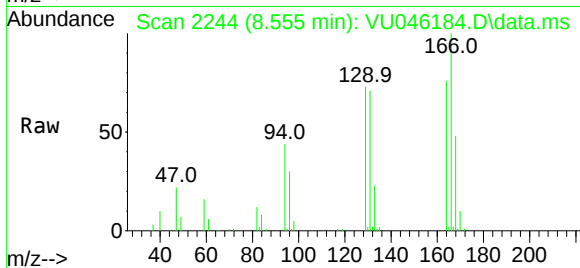
ClientSampleId :

Tgt Ion:129 Resp: 37748

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#60

1,2,3-Trichloropropane

Concen: 5.187 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046184.D

Acq: 08 Dec 2021 18:52

Tgt Ion: 75 Resp: 14373

Ion Ratio Lower Upper

75 100

77 34.1 26.4 39.6

110 2.2 32.4 48.6#

