

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
 Data File : VU046266.D
 Acq On : 10 Dec 2021 15:10
 Operator : SY/MD
 Sample : M4885-15MEDL 20X
 Misc : 3.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 22:24:45 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)

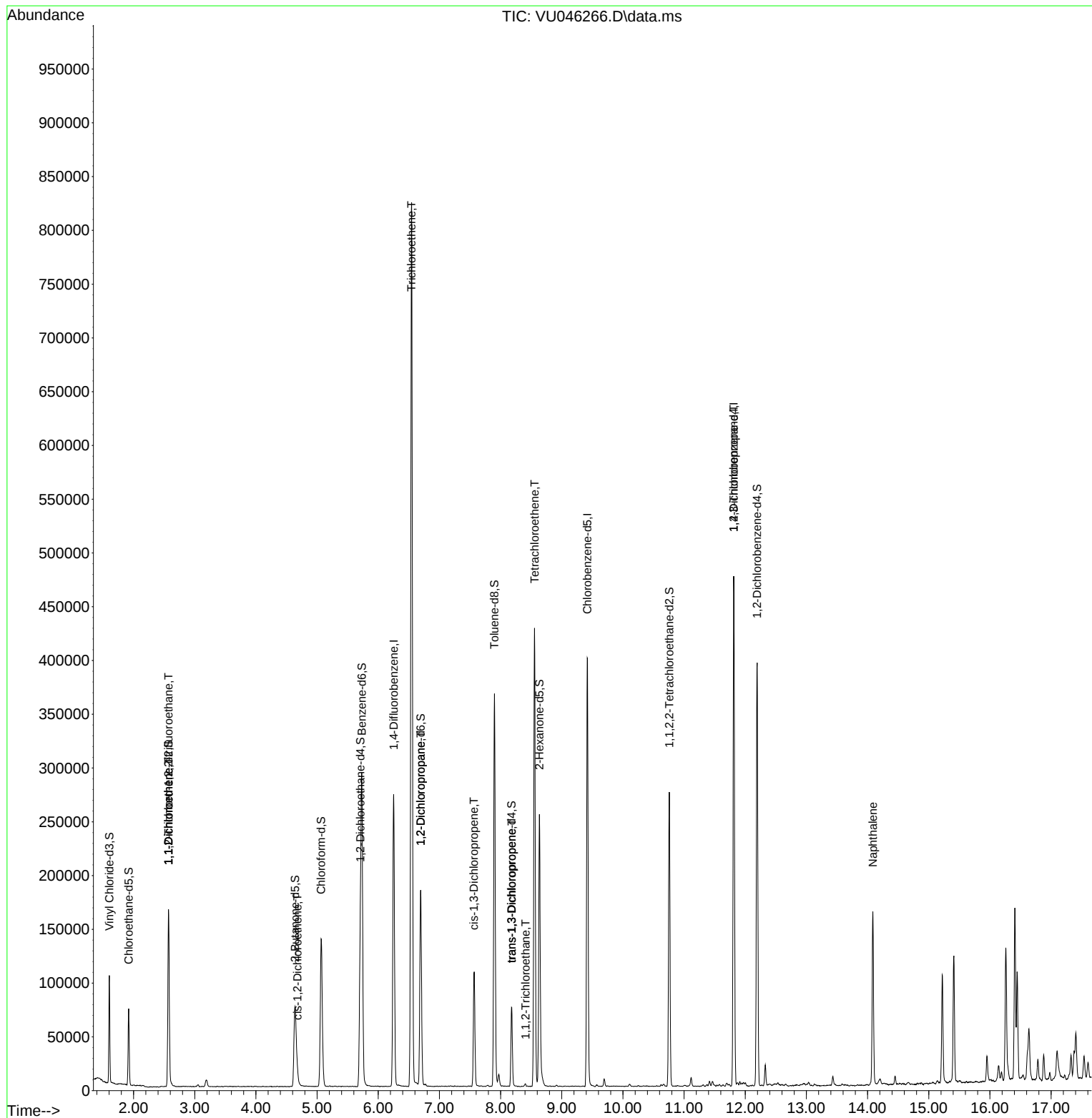
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	228114	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	232380	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	125697	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	66834	35.567	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.140%		
7) Chloroethane-d5	1.919	69	52139	36.139	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	72.280%		
11) 1,1-Dichloroethene-d2	2.571	63	96316	28.552	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.100%#		
21) 2-Butanone-d5	4.639	46	126635	84.775	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.770%		
24) Chloroform-d	5.066	84	128386	40.914	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.820%		
26) 1,2-Dichloroethane-d4	5.706	65	88724	42.130	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.260%		
32) Benzene-d6	5.732	84	280026	42.043	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.080%		
36) 1,2-Dichloropropane-d6	6.693	67	89237	43.231	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.460%		
41) Toluene-d8	7.899	98	245502	40.483	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.960%		
43) trans-1,3-Dichloroprop...	8.179	79	42826	42.979	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.960%		
47) 2-Hexanone-d5	8.635	63	93303	95.333	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.330%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	134014	42.810	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.620%		
66) 1,2-Dichlorobenzene-d4	12.195	152	103715	42.845	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.700%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	919	0.554	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	839	0.532	ug/L #	1
20) cis-1,2-Dichloroethene	4.677	96	1299	0.717	ug/L	83
34) Trichloroethene	6.542	95	284831	153.725	ug/L	99
37) 1,2-Dichloropropane	6.693	63	9772	5.304	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	2430	0.867	ug/L #	56
44) trans-1,3-Dichloropropene	8.182	75	1803	0.655	ug/L #	73
45) 1,1,2-Trichloroethane	8.407	97	921	0.498	ug/L	84
46) Tetrachloroethene	8.555	164	97095	71.308	ug/L	97
60) 1,2,3-Trichloropropane	11.812	75	14673	5.325	ug/L #	65
71) Naphthalene	14.085	128	127155	14.547	ug/L	100

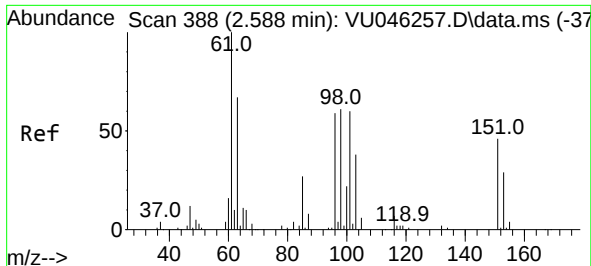
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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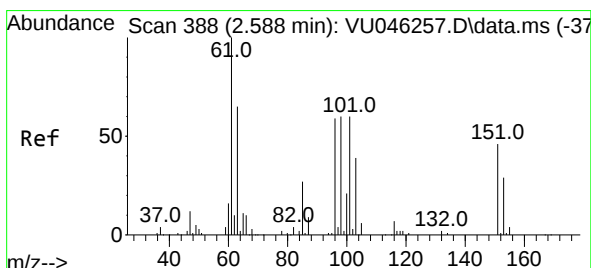
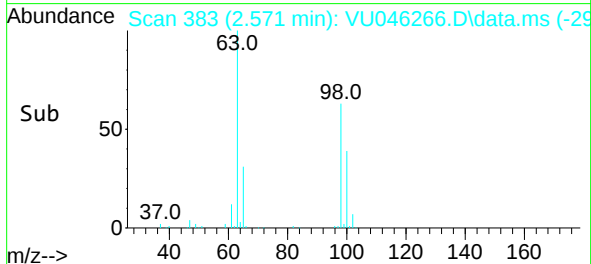
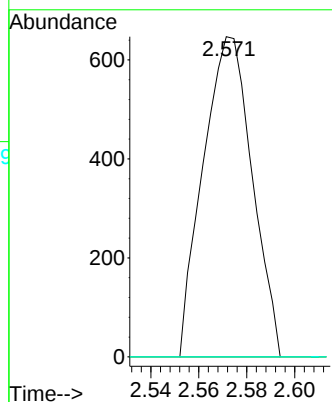
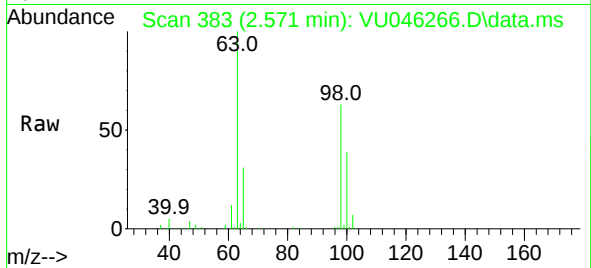




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.554 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046266.D
Acq: 10 Dec 2021 15:10

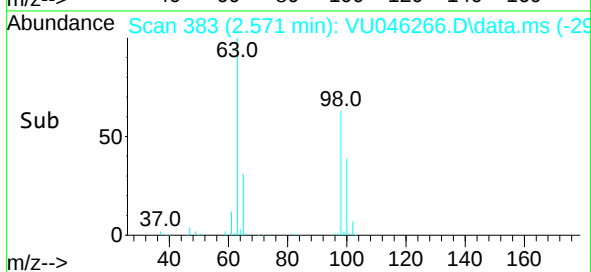
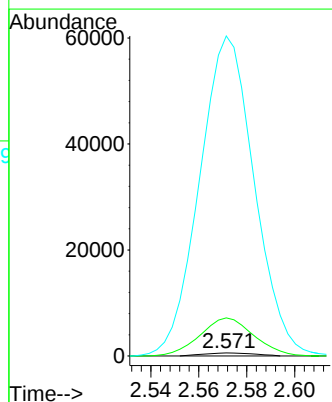
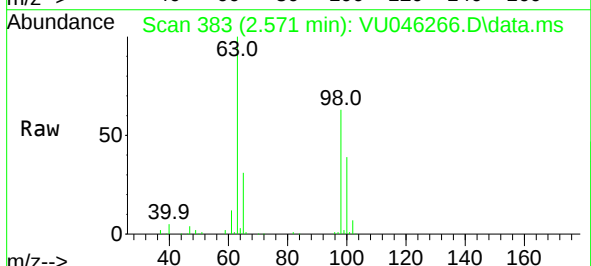
Instrument :
MSVOA_U
ClientSampleId :

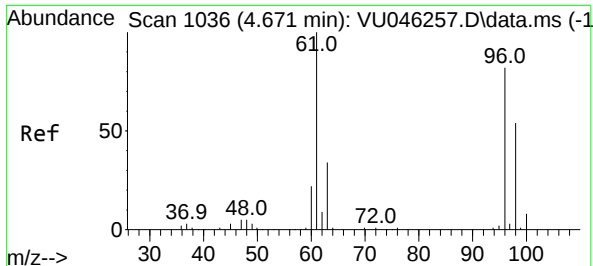
Tgt Ion:101 Resp: 919
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.532 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU046266.D
Acq: 10 Dec 2021 15:10

Tgt Ion: 96 Resp: 839
Ion Ratio Lower Upper
96 100
61 1280.8 118.6 220.2#
63 10744.5 93.0 172.8#

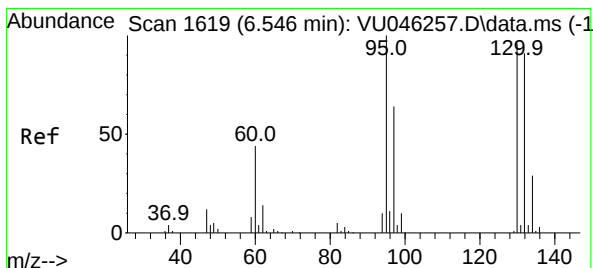
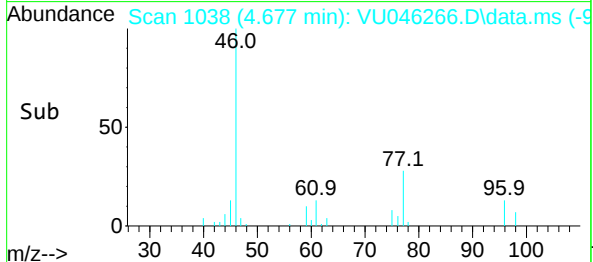
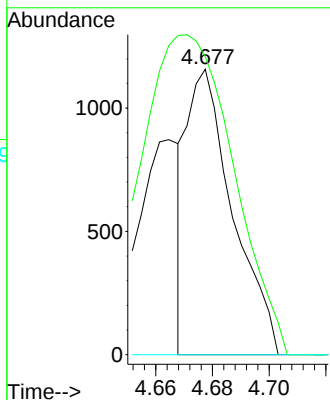
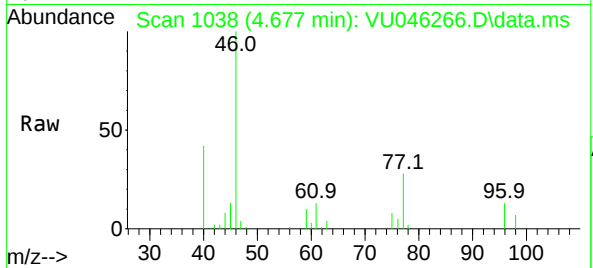




#20
 cis-1,2-Dichloroethene
 Concen: 0.717 ug/L
 RT: 4.677 min Scan# 1038
 Delta R.T. 0.006 min
 Lab File: VU046266.D
 Acq: 10 Dec 2021 15:10

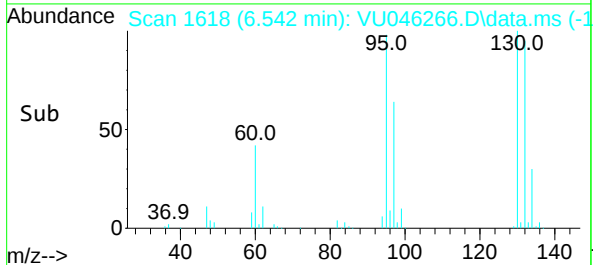
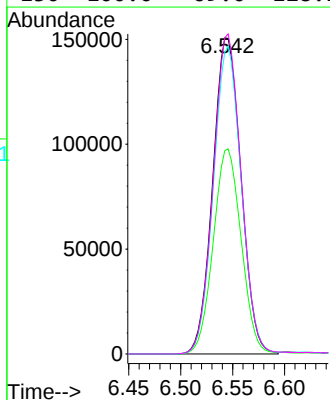
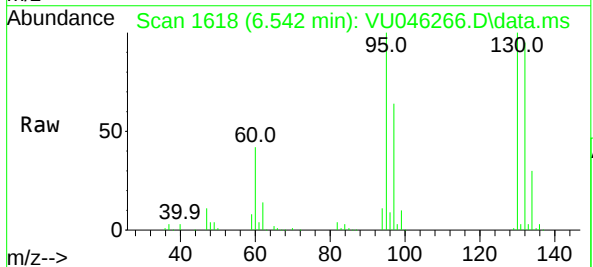
Instrument :
 MSVOA_U
 ClientSampleId :

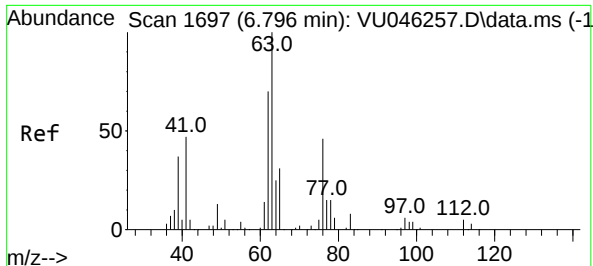
Tgt Ion: 96 Resp: 1299
 Ion Ratio Lower Upper
 96 100
 61 104.4 86.8 161.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 153.725 ug/L
 RT: 6.542 min Scan# 1618
 Delta R.T. -0.003 min
 Lab File: VU046266.D
 Acq: 10 Dec 2021 15:10

Tgt Ion: 95 Resp: 284831
 Ion Ratio Lower Upper
 95 100
 97 64.3 44.1 81.9
 132 95.4 66.8 124.0
 130 100.0 69.0 128.1





#37

1,2-Dichloropropane

Concen: 5.304 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046266.D

Acq: 10 Dec 2021 15:10

Instrument :

MSVOA_U

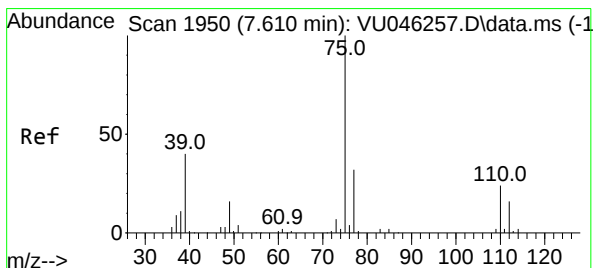
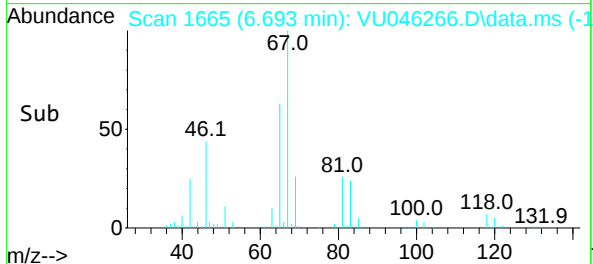
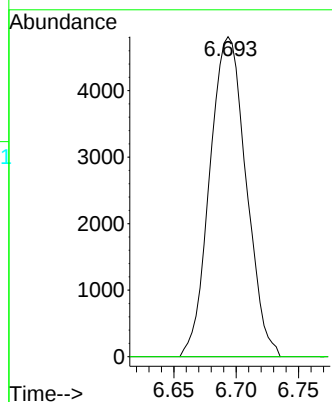
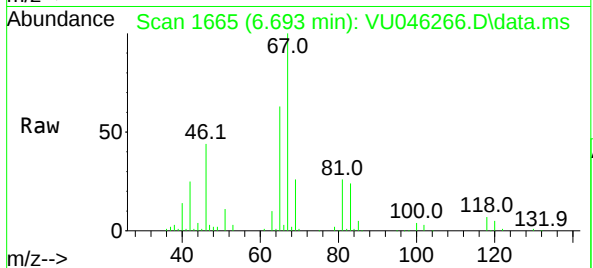
ClientSampleId :

Tgt Ion: 63 Resp: 9772

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.867 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046266.D

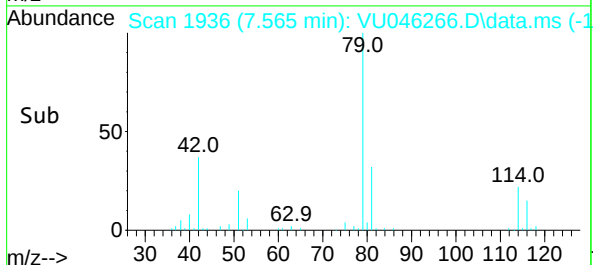
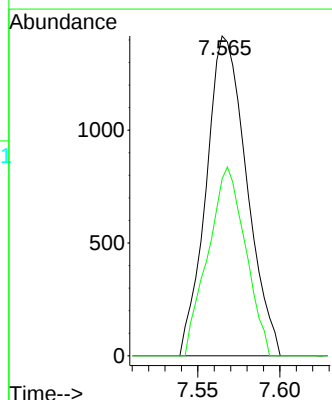
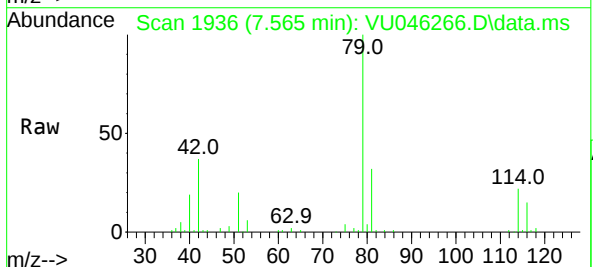
Acq: 10 Dec 2021 15:10

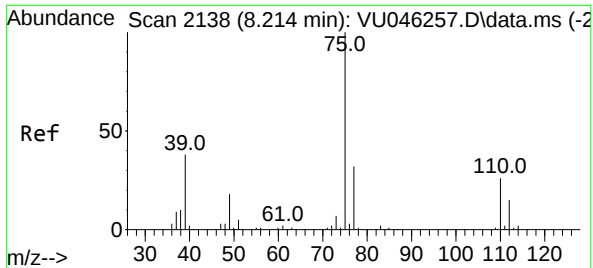
Tgt Ion: 75 Resp: 2430

Ion Ratio Lower Upper

75 100

77 55.4 21.8 40.6#

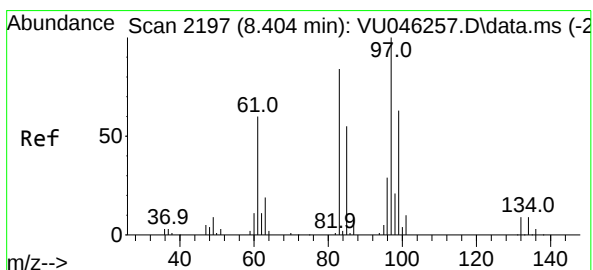
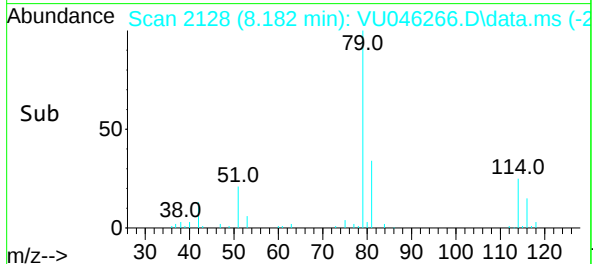
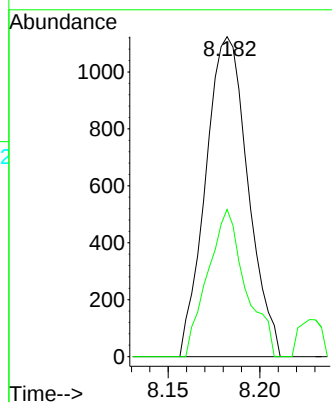
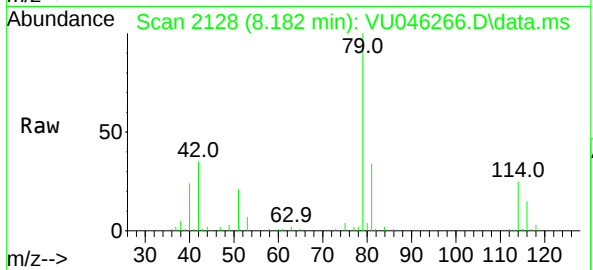




#44
trans-1,3-Dichloropropene
Concen: 0.655 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU046266.D
Acq: 10 Dec 2021 15:10

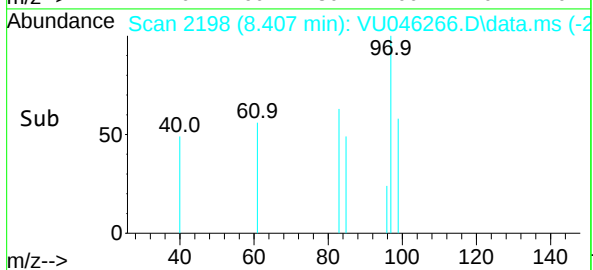
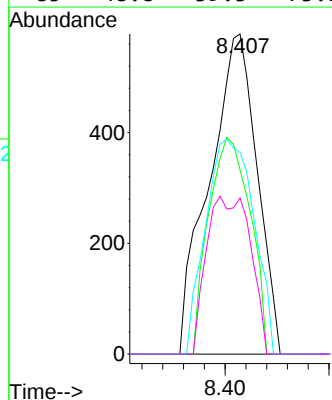
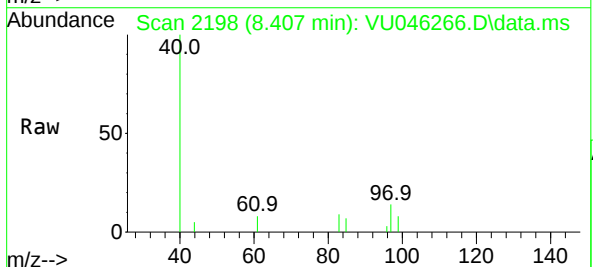
Instrument :
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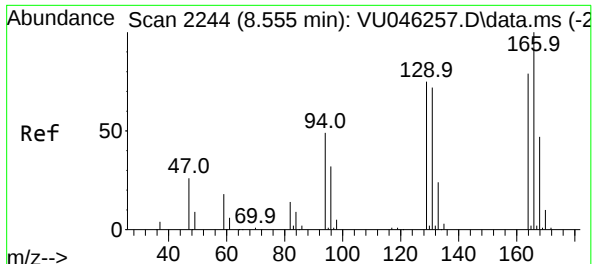
Tgt Ion: 75 Resp: 1803
Ion Ratio Lower Upper
75 100
77 46.0 21.7 40.3#



#45
1,1,2-Trichloroethane
Concen: 0.498 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.003 min
Lab File: VU046266.D
Acq: 10 Dec 2021 15:10

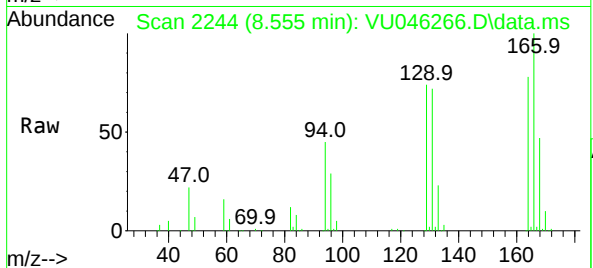
Tgt Ion: 97 Resp: 921
Ion Ratio Lower Upper
97 100
99 57.6 44.7 82.9
83 63.0 60.2 111.8
85 48.8 39.3 73.1



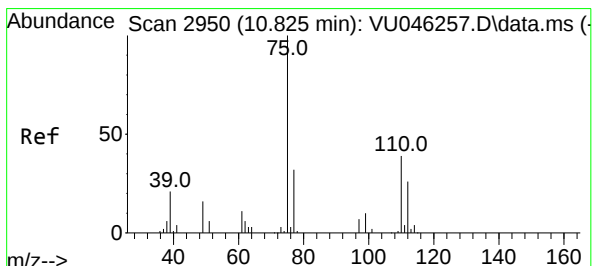
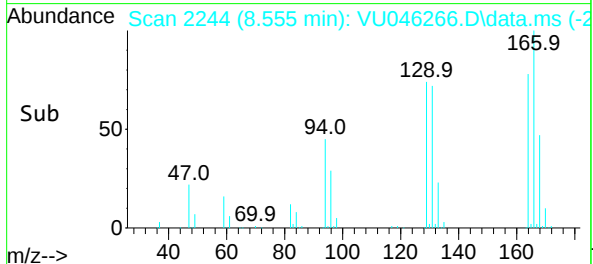
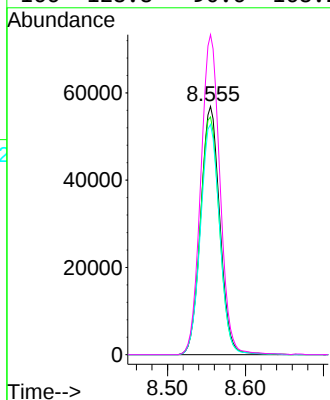


#46
Tetrachloroethene
Concen: 71.308 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046266.D
Acq: 10 Dec 2021 15:10

Instrument :
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ClientSampleId :

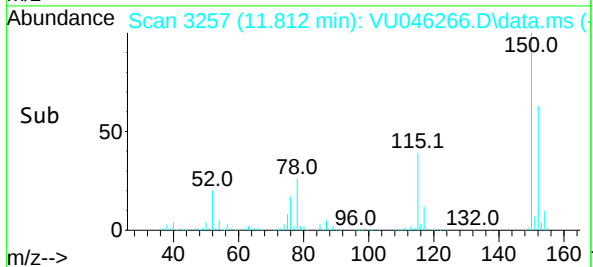
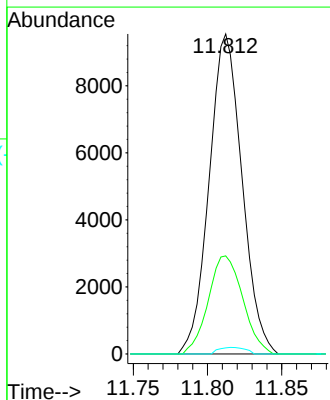
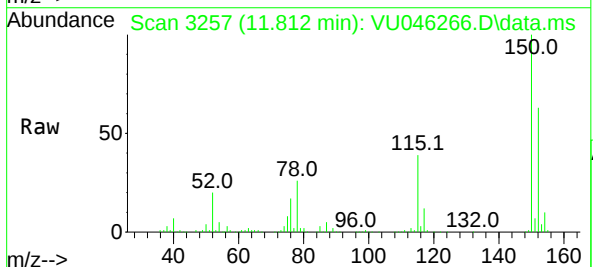


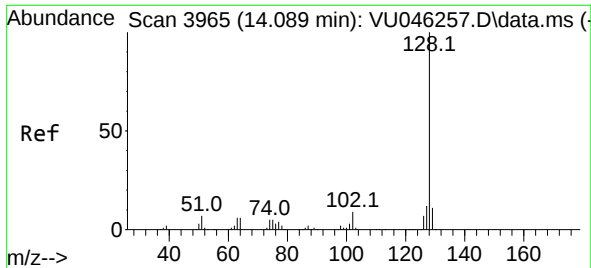
Tgt Ion:164 Resp: 97095
Ion Ratio Lower Upper
164 100
129 95.7 71.1 132.1
131 92.7 67.8 126.0
166 128.8 90.6 168.2



#60
1,2,3-Trichloropropane
Concen: 5.325 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046266.D
Acq: 10 Dec 2021 15:10

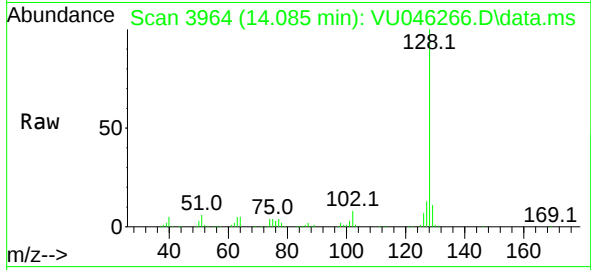
Tgt Ion: 75 Resp: 14673
Ion Ratio Lower Upper
75 100
77 32.2 26.4 39.6
110 1.7 32.4 48.6#





#71
Naphthalene
Concen: 14.547 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU046266.D
Acq: 10 Dec 2021 15:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 127155
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.6 13.0

