

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU052007.D
 Acq On : 21 Nov 2022 20:13
 Operator : JC/MD
 Sample : N5710-04DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 01:06:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 01:03:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

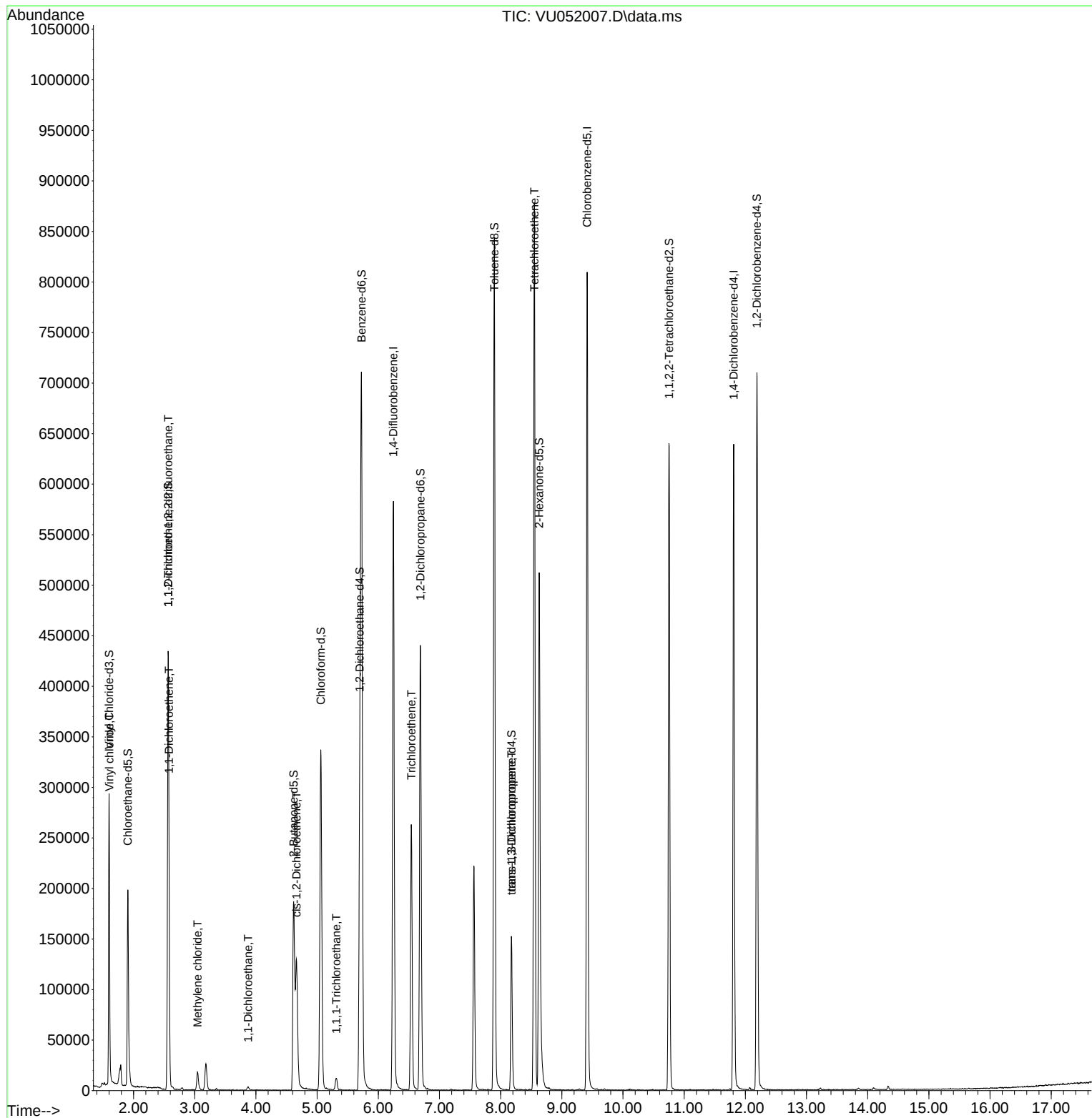
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	486365	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	460728	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	176733	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	200030	47.460	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.920%		
7) Chloroethane-d5	1.906	69	165257	49.509	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.020%		
11) 1,1-Dichloroethene-d2	2.565	63	250546	40.104	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.200%		
21) 2-Butanone-d5	4.617	46	256222	101.165	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.160%		
24) Chloroform-d	5.060	84	324421	46.980	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.960%		
26) 1,2-Dichloroethane-d4	5.697	65	201292	48.466	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.940%		
32) Benzene-d6	5.726	84	691950	50.387	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.780%		
36) 1,2-Dichloropropane-d6	6.687	67	225502	51.113	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.220%		
41) Toluene-d8	7.896	98	580900	47.344	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.680%		
43) trans-1,3-Dichloroprop...	8.176	79	88116	46.918	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.840%		
47) 2-Hexanone-d5	8.629	63	173124	100.595	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.590%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	330565	47.361	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.720%		
66) 1,2-Dichlorobenzene-d4	12.189	152	195815	53.578	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.160%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	11032	2.872	ug/L #	39
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2581	0.875	ug/L #	25
12) 1,1-Dichloroethene	2.578	96	26920	9.559	ug/L #	1
16) Methylene chloride	3.044	84	10005	2.333	ug/L	91
19) 1,1-Dichloroethane	3.871	63	4102	0.665	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	63420	17.629	ug/L	94
30) 1,1,1-Trichloroethane	5.314	97	9010	1.907	ug/L	98
34) Trichloroethene	6.539	95	93208	29.268	ug/L	97
44) trans-1,3-Dichloropropene	8.179	75	3170	0.657	ug/L	83
46) Tetrachloroethene	8.552	164	201069	83.689	ug/L	99

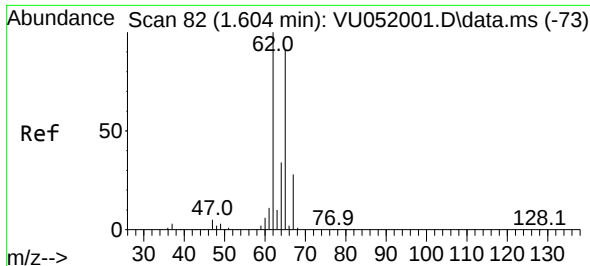
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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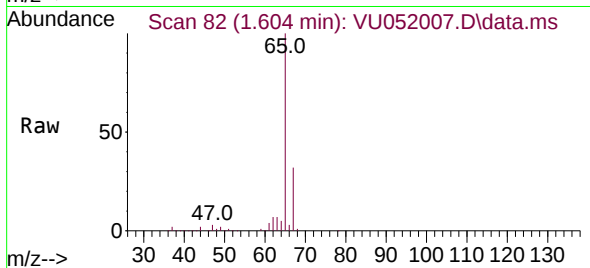
Quant Time: Nov 22 01:06:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
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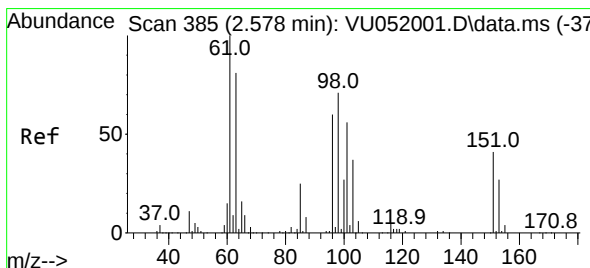
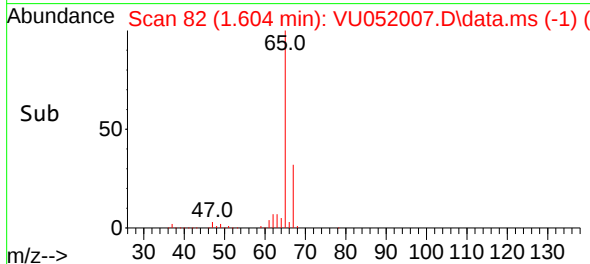
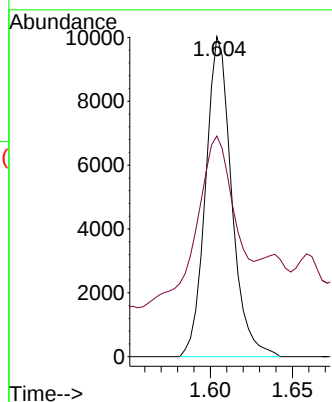


#5
 Vinyl chloride
 Concen: 2.872 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052007.D
 Acq: 21 Nov 2022 20:13

Instrument :
 MSVOA_U
 ClientSampleId :

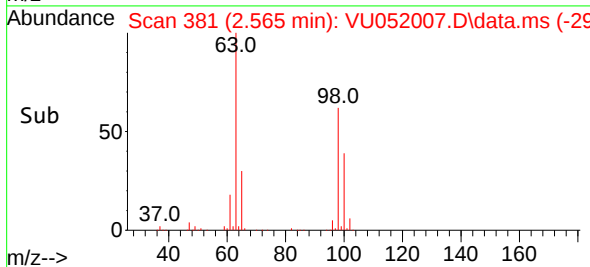
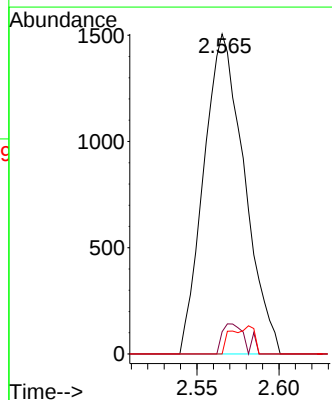
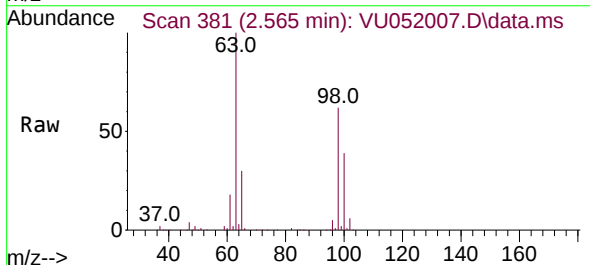


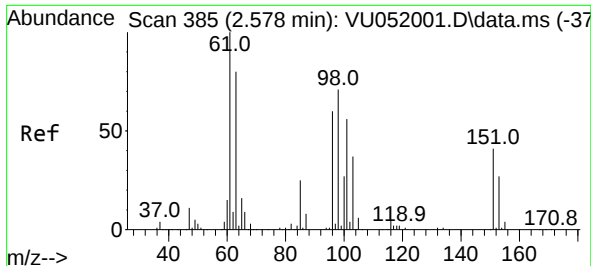
Tgt Ion: 62 Resp: 11032
 Ion Ratio Lower Upper
 62 100
 64 69.0 23.9 44.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.875 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU052007.D
 Acq: 21 Nov 2022 20:13

Tgt Ion: 101 Resp: 2581
 Ion Ratio Lower Upper
 101 100
 85 4.6 33.6 50.4#
 151 2.4 58.9 88.3#





#12

1,1-Dichloroethene

Concen: 9.559 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

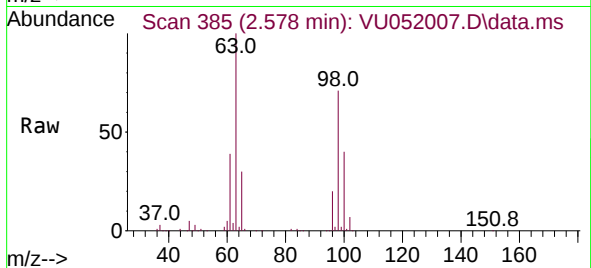
Lab File: VU052007.D

Acq: 21 Nov 2022 20:13

Instrument :

MSVOA_U

ClientSampleId :



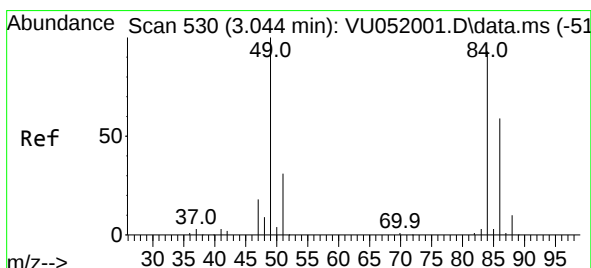
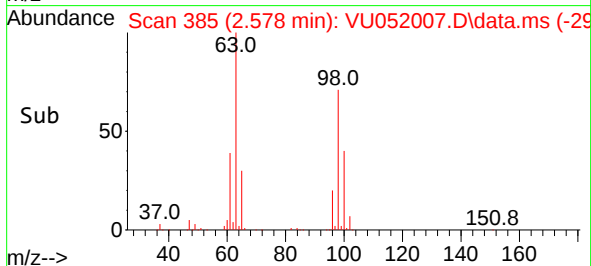
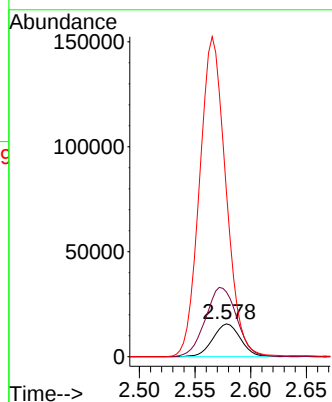
Tgt Ion: 96 Resp: 26920

Ion Ratio Lower Upper

96 100

61 196.8 114.2 212.0

63 501.1 90.9 168.7#



#16

Methylene chloride

Concen: 2.333 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU052007.D

Acq: 21 Nov 2022 20:13

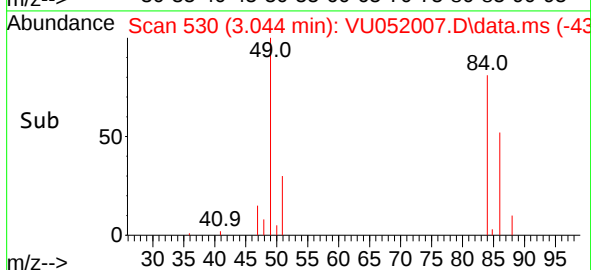
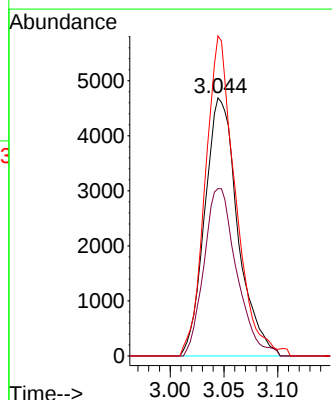
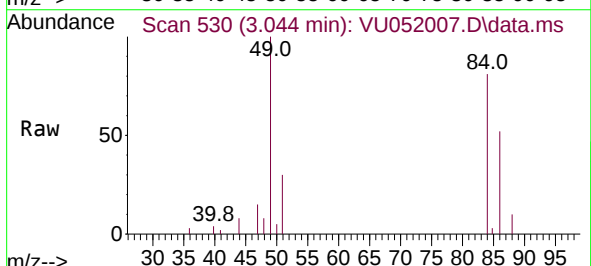
Tgt Ion: 84 Resp: 10005

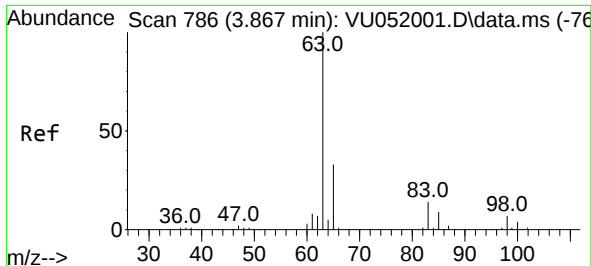
Ion Ratio Lower Upper

84 100

86 64.9 45.2 84.0

49 124.0 75.9 141.1





#19

1,1-Dichloroethane

Concen: 0.665 ug/L

RT: 3.871 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU052007.D

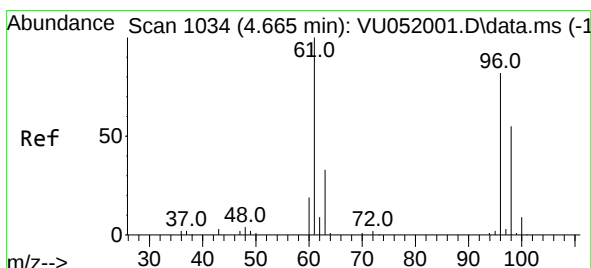
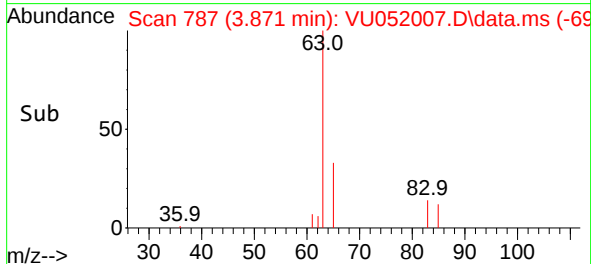
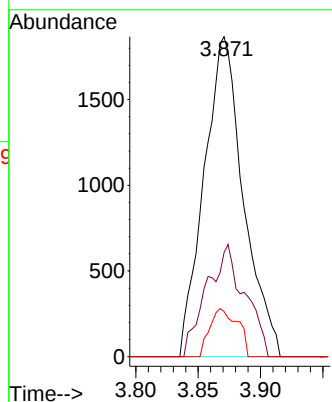
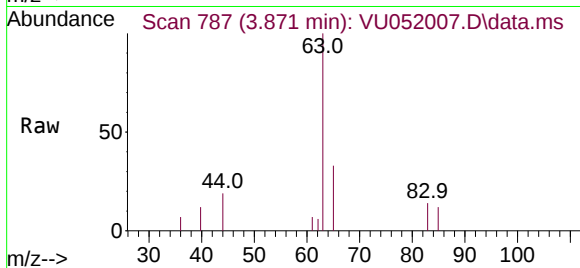
Acq: 21 Nov 2022 20:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 4102
Ion Ratio	Lower Upper
63 100	
65 32.5	22.3 41.3
83 14.1	9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 17.629 ug/L

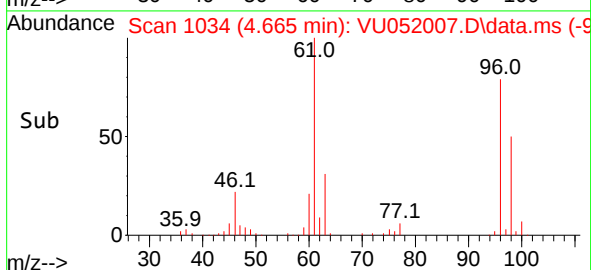
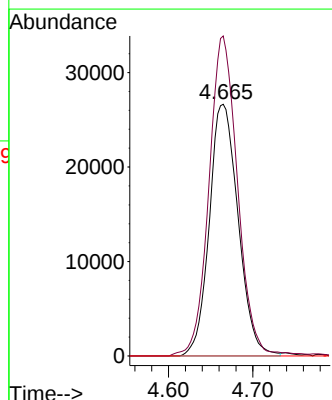
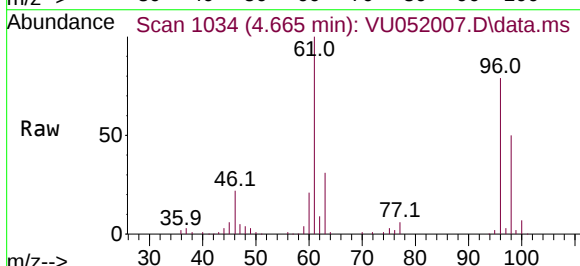
RT: 4.665 min Scan# 1034

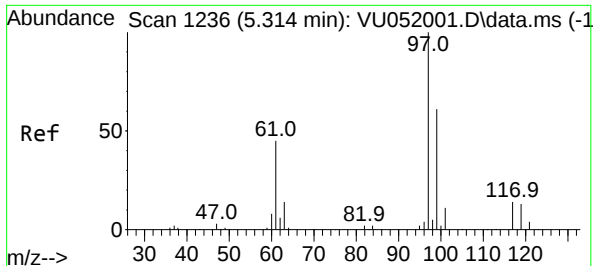
Delta R.T. 0.000 min

Lab File: VU052007.D

Acq: 21 Nov 2022 20:13

Tgt Ion: 96	Resp: 63420
Ion Ratio	Lower Upper
96 100	
61 127.1	84.5 156.9
68 0.0	0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 1.907 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052007.D

Acq: 21 Nov 2022 20:13

Instrument :

MSVOA_U

ClientSampleId :

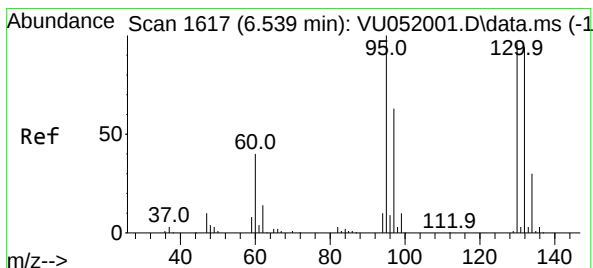
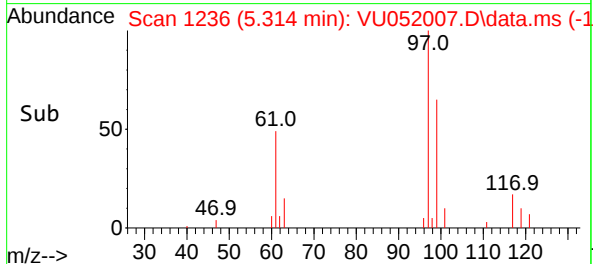
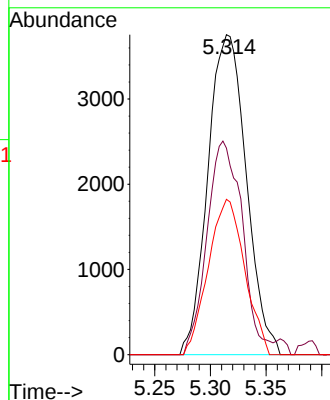
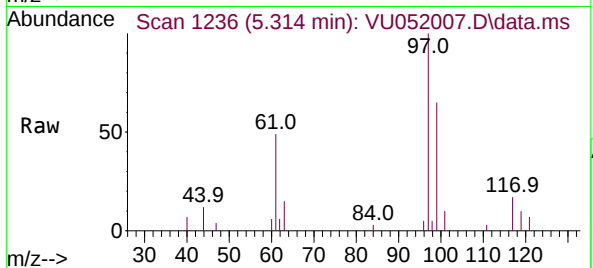
Tgt Ion: 97 Resp: 9010

Ion Ratio Lower Upper

97 100

99 61.6 51.4 77.0

61 45.9 37.2 55.8



#34

Trichloroethene

Concen: 29.268 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU052007.D

Acq: 21 Nov 2022 20:13

Tgt Ion: 95 Resp: 93208

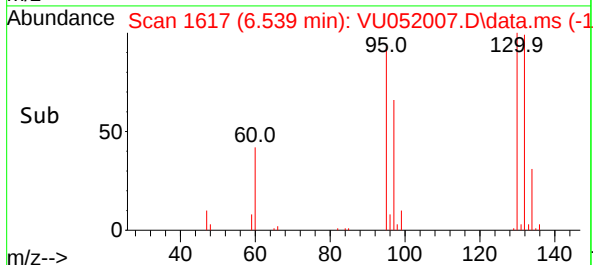
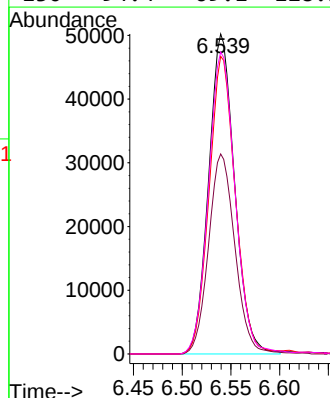
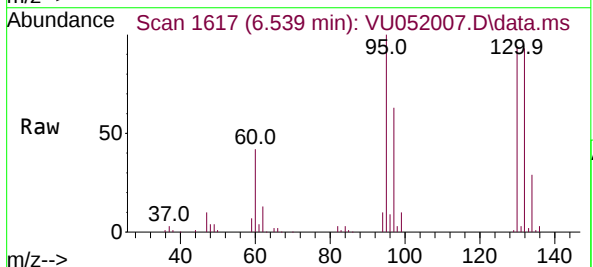
Ion Ratio Lower Upper

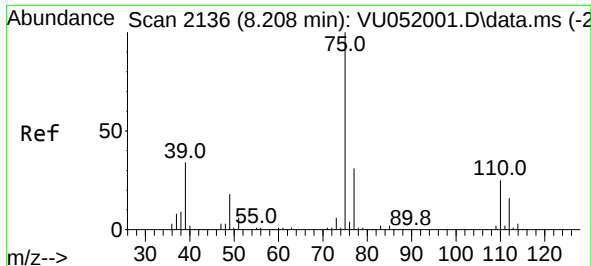
95 100

97 62.5 45.3 84.1

132 93.0 66.8 124.2

130 94.4 69.1 128.3

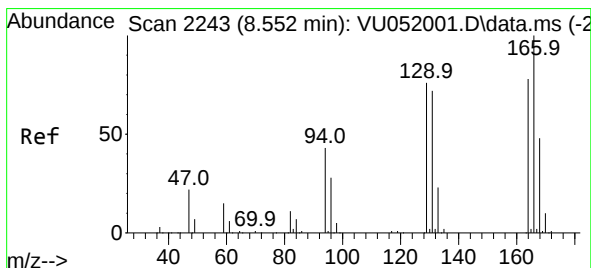
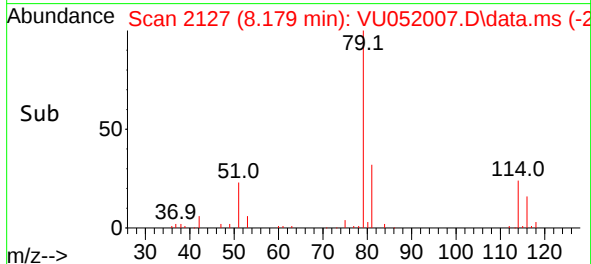
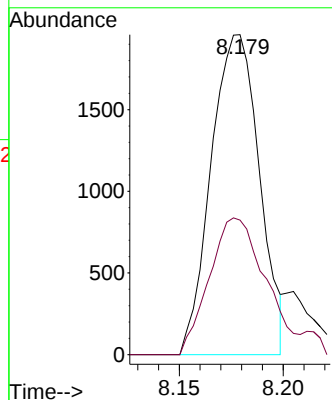
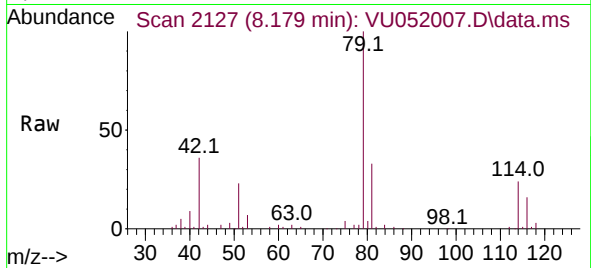




#44
trans-1,3-Dichloropropene
Concen: 0.657 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU052007.D
Acq: 21 Nov 2022 20:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3170
Ion Ratio Lower Upper
75 100
77 42.1 22.7 42.1



#46
Tetrachloroethene
Concen: 83.689 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU052007.D
Acq: 21 Nov 2022 20:13

Tgt Ion: 164 Resp: 201069
Ion Ratio Lower Upper
164 100
129 96.8 67.3 124.9
131 92.6 65.2 121.2
166 127.6 89.9 166.9

