

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092022\
 Data File : VV028000.D
 Acq On : 21 Sep 2022 07:11
 Operator : SY/MD
 Sample : N4674-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EB3

Quant Time: Sep 21 08:07:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 06:45:13 2022
 Response via : Initial Calibration

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

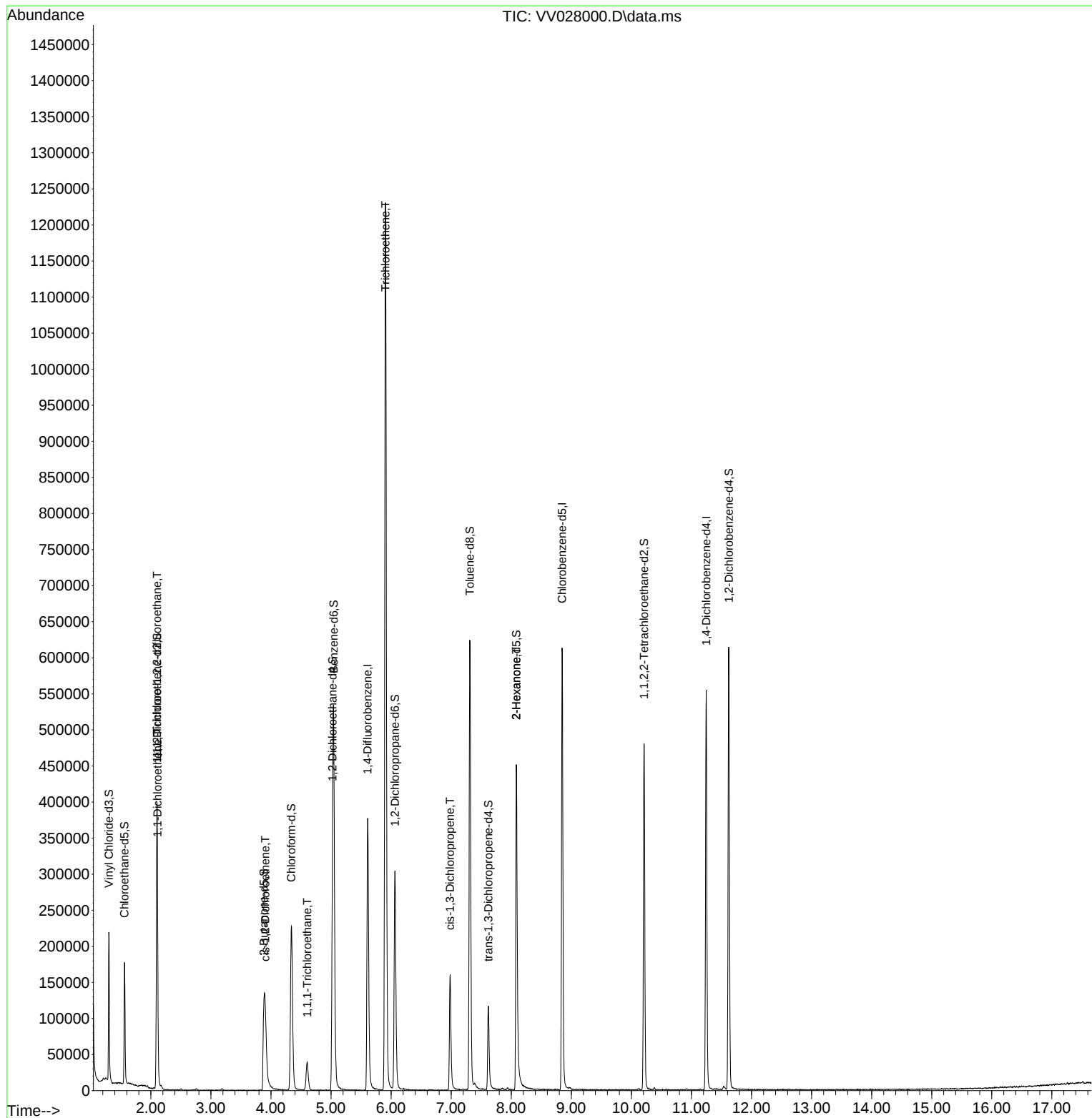
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	338569	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	338764	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	148337	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	132575	44.604	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.200%		
7) Chloroethane-d5	1.561	69	113150	47.655	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.300%		
11) 1,1-Dichloroethene-d2	2.102	63	199678	37.922	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.840%		
21) 2-Butanone-d5	3.883	46	194651	110.132	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.130%		
24) Chloroform-d	4.339	84	241586	48.412	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.820%		
26) 1,2-Dichloroethane-d4	5.024	65	159656	49.369	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.740%		
32) Benzene-d6	5.044	84	471624	48.302	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.600%		
36) 1,2-Dichloropropane-d6	6.063	67	147936	49.065	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.120%		
41) Toluene-d8	7.310	98	422515	47.253	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.500%		
43) trans-1,3-Dichloroprop...	7.619	79	68033	45.122	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.240%		
47) 2-Hexanone-d5	8.085	63	162229	109.832	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.830%		
56) 1,1,2,2-Tetrachloroeth...	10.211	84	233244	52.558	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.120%		
66) 1,2-Dichlorobenzene-d4	11.622	152	159496	55.389	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.780%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1956	0.796	ug/L #	24
12) 1,1-Dichloroethene	2.111	96	27206	11.075	ug/L #	1
20) cis-1,2-Dichloroethene	3.905	96	34942	13.400	ug/L	92
30) 1,1,1-Trichloroethane	4.603	97	31830	7.633	ug/L	99
34) Trichloroethene	5.905	95	433914	173.253	ug/L	98
39) cis-1,3-Dichloropropene	6.982	75	3796	0.946	ug/L #	65
48) 2-Hexanone	8.085	43	18656	6.081	ug/L #	69

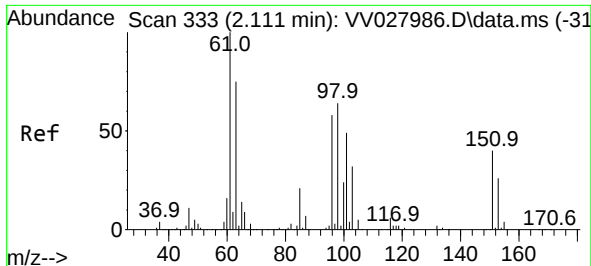
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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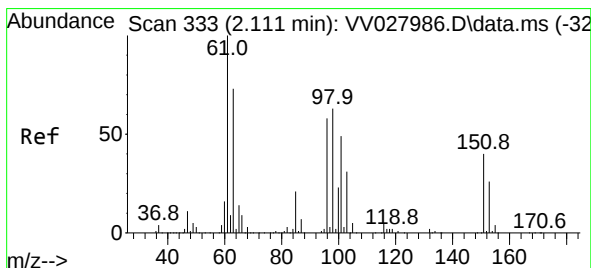
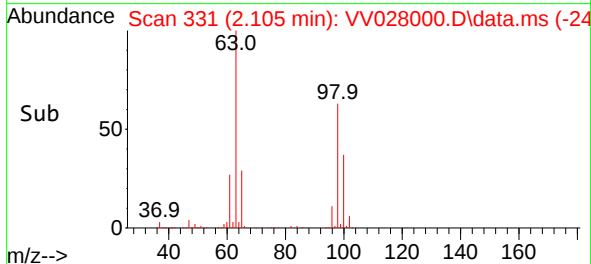
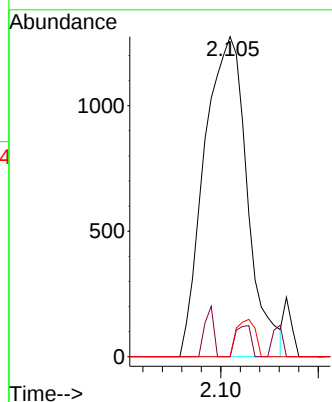
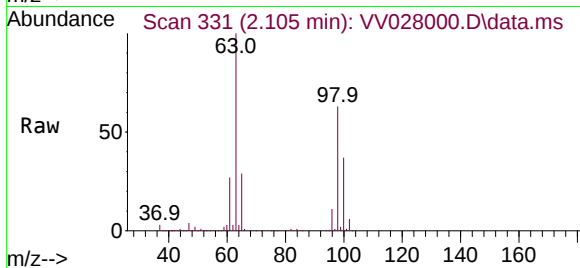




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.796 ug/L
 RT: 2.105 min Scan# 311
 Delta R.T. -0.006 min
 Lab File: VV028000.D
 Acq: 21 Sep 2022 07:11

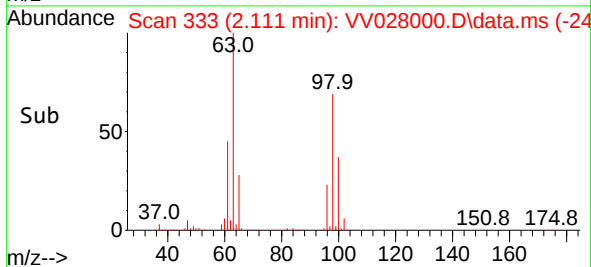
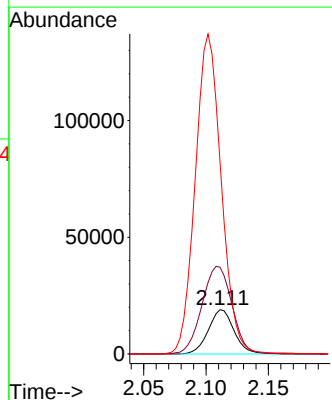
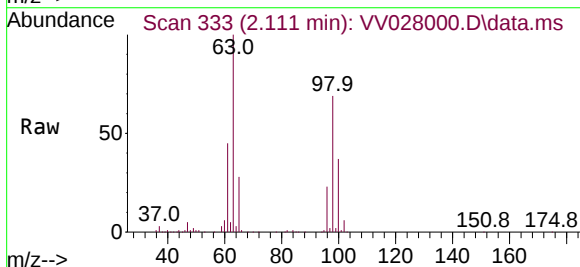
Instrument :
 MSVOA_V
 ClientSampleId :
 C0EB3

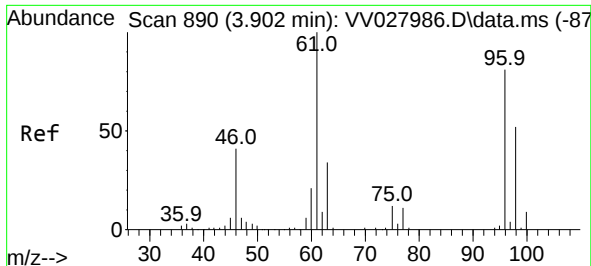
Tgt Ion:101 Resp: 1956
 Ion Ratio Lower Upper
 101 100
 85 3.5 35.6 53.4#
 151 5.1 62.2 93.4#



#12
 1,1-Dichloroethene
 Concen: 11.075 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV028000.D
 Acq: 21 Sep 2022 07:11

Tgt Ion: 96 Resp: 27206
 Ion Ratio Lower Upper
 96 100
 61 195.6 123.7 229.7
 63 433.1 108.6 201.6#





#20

cis-1,2-Dichloroethene

Concen: 13.400 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV028000.D

Acq: 21 Sep 2022 07:11

Instrument :

MSVOA_V

ClientSampleId :

C0EB3

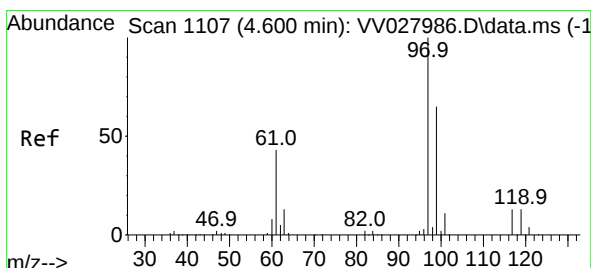
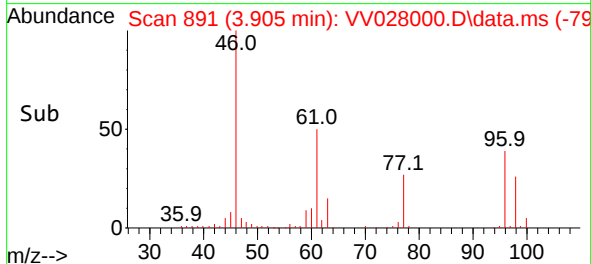
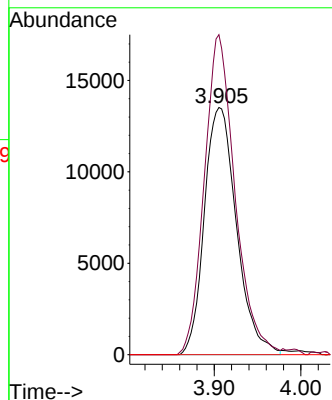
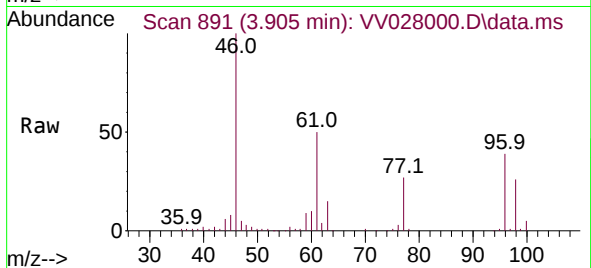
Tgt Ion: 96 Resp: 34942

Ion Ratio Lower Upper

96 100

61 129.4 84.4 156.8

68 0.0 0.0 0.0



#30

1,1,1-Trichloroethane

Concen: 7.633 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV028000.D

Acq: 21 Sep 2022 07:11

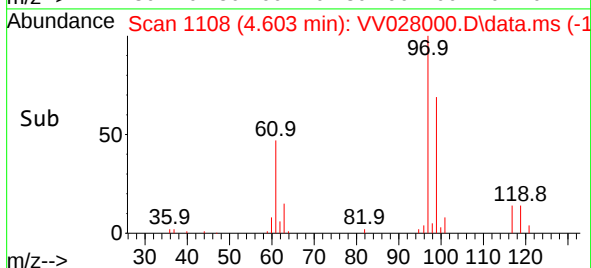
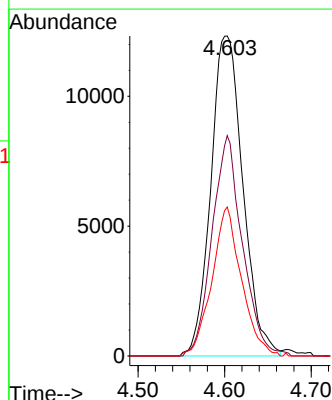
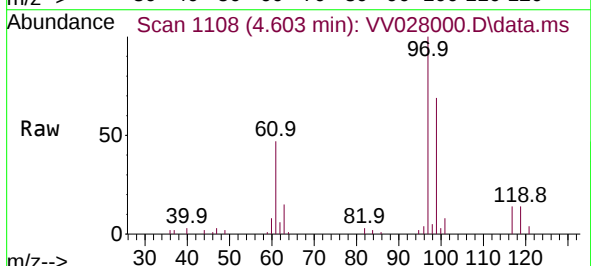
Tgt Ion: 97 Resp: 31830

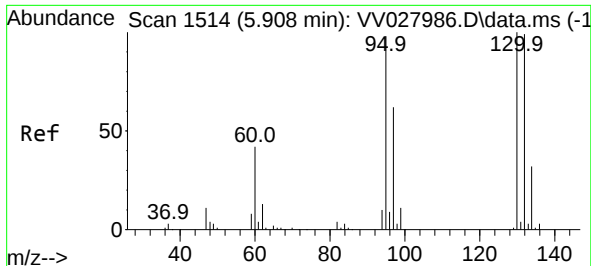
Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.0

61 42.7 35.2 52.8

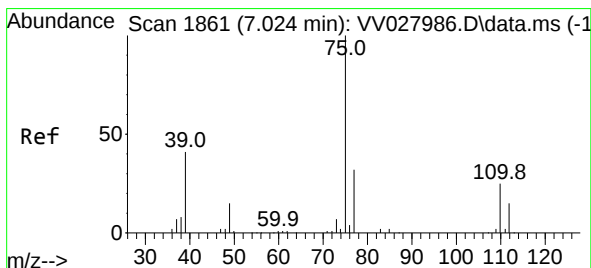
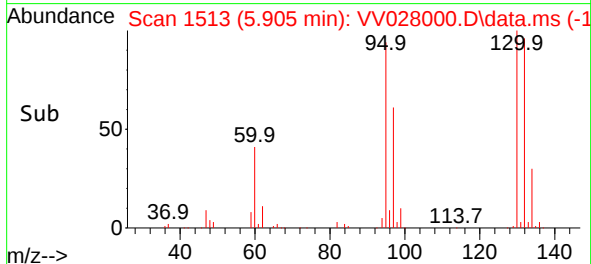
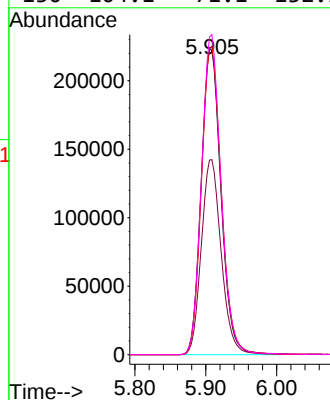
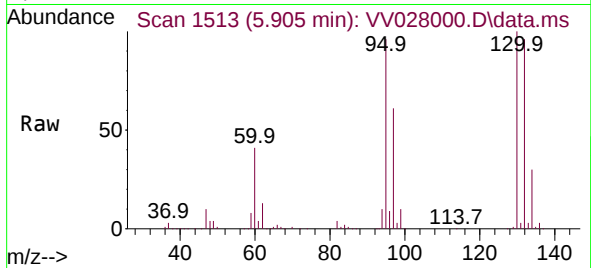




#34
Trichloroethene
Concen: 173.253 ug/L
RT: 5.905 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV028000.D
Acq: 21 Sep 2022 07:11

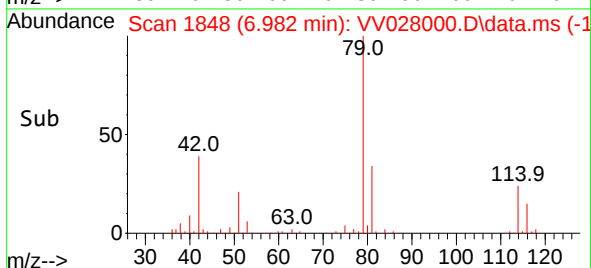
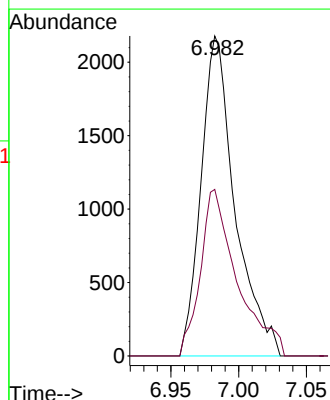
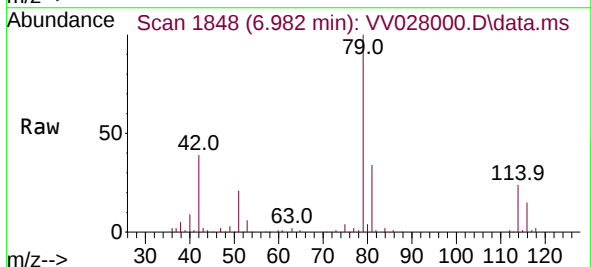
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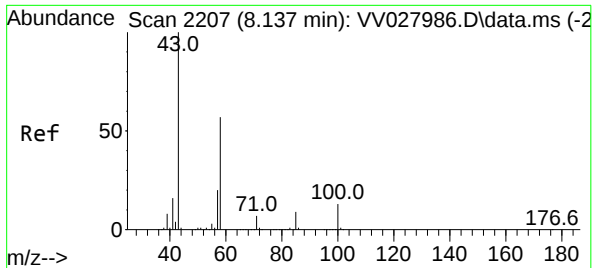
Tgt Ion: 95 Resp: 433914
Ion Ratio Lower Upper
95 100
97 63.8 45.4 84.2
132 100.4 69.2 128.6
130 104.1 71.1 132.1



#39
cis-1,3-Dichloropropene
Concen: 0.946 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.042 min
Lab File: VV028000.D
Acq: 21 Sep 2022 07:11

Tgt Ion: 75 Resp: 3796
Ion Ratio Lower Upper
75 100
77 52.0 22.6 42.0#





#48
 2-Hexanone
 Concen: 6.081 ug/L
 RT: 8.085 min Scan# 21
 Delta R.T. -0.051 min
 Lab File: VV028000.D
 Acq: 21 Sep 2022 07:11

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EB3

Tgt Ion: 43	Resp: 18656
Ion Ratio	Lower Upper
43	100
58	32.5 45.6 68.4#
57	31.2 15.0 22.6#
100	2.3 9.9 14.9#

