

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092122\
 Data File : VV028024.D
 Acq On : 21 Sep 2022 18:49
 Operator : SY/MD
 Sample : N4677-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0E86

Quant Time: Sep 22 03:25:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 03:03:58 2022
 Response via : Initial Calibration

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

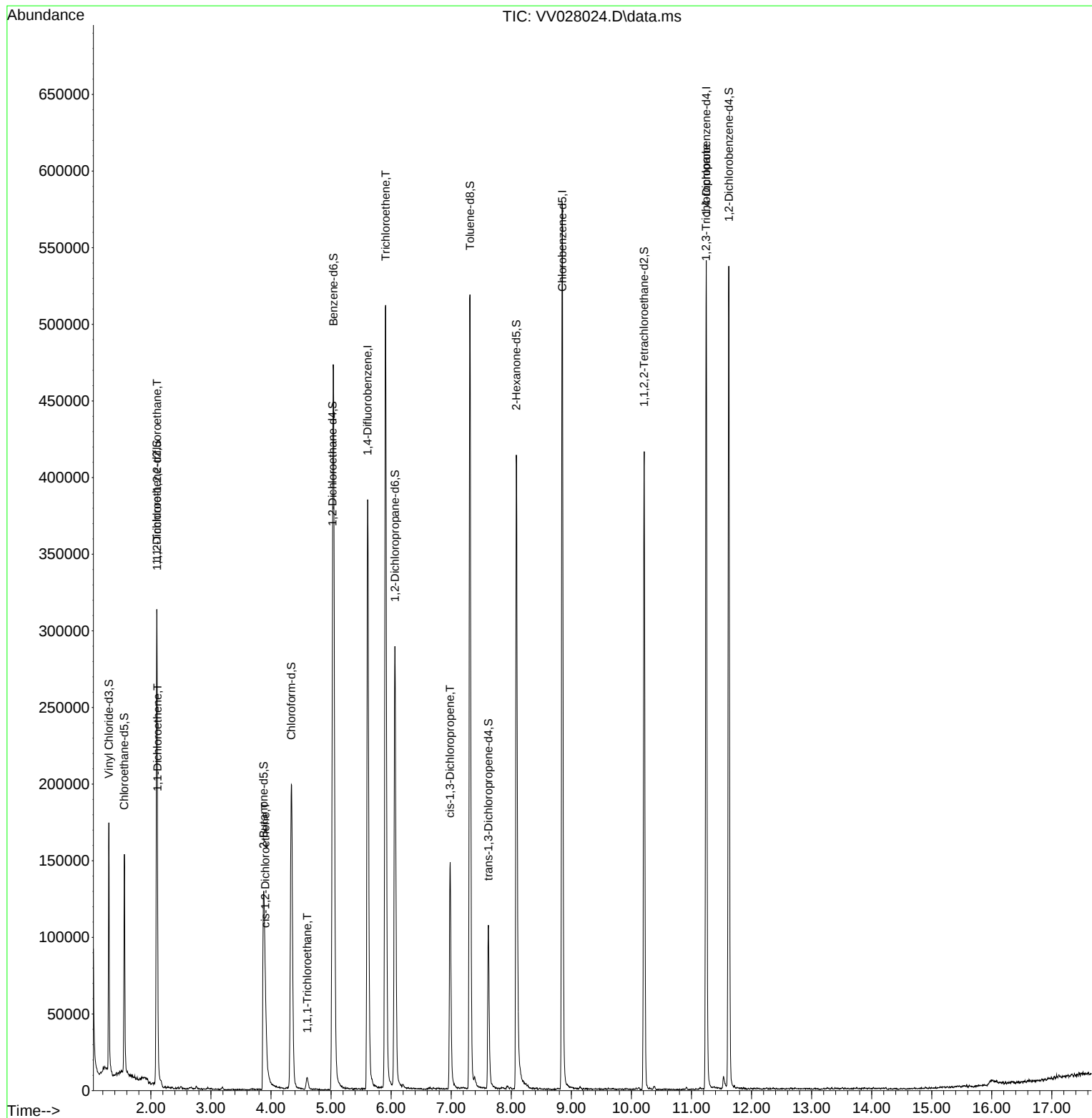
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	338619	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	323202	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	145784	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	102273	34.404	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	68.800%	
7) Chloroethane-d5	1.558	69	93487	39.368	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	78.740%	
11) 1,1-Dichloroethene-d2	2.098	63	156695	29.754	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	59.500%#	
21) 2-Butanone-d5	3.876	46	211375	119.577	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	119.580%	
24) Chloroform-d	4.339	84	215233	43.125	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.240%	
26) 1,2-Dichloroethane-d4	5.024	65	142721	44.126	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.260%	
32) Benzene-d6	5.040	84	404660	43.439	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.880%	
36) 1,2-Dichloropropane-d6	6.063	67	142292	49.465	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	98.940%	
41) Toluene-d8	7.313	98	349569	40.978	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	81.960%	
43) trans-1,3-Dichloroprop...	7.619	79	62314	43.319	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	86.640%	
47) 2-Hexanone-d5	8.085	63	153080	108.628	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	108.630%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	196084	46.312	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.620%	
66) 1,2-Dichlorobenzene-d4	11.622	152	141649	50.053	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.100%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1745	0.710	ug/L #	24
12) 1,1-Dichloroethene	2.111	96	12595	5.126	ug/L #	1
20) cis-1,2-Dichloroethene	3.905	96	12105	4.642	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	6437	1.618	ug/L #	92
34) Trichloroethene	5.908	95	181884	76.119	ug/L	99
39) cis-1,3-Dichloropropene	6.982	75	3682	0.961	ug/L #	81
61) 1,2,3-Trichloropropane	11.242	75	15382	5.621	ug/L #	66

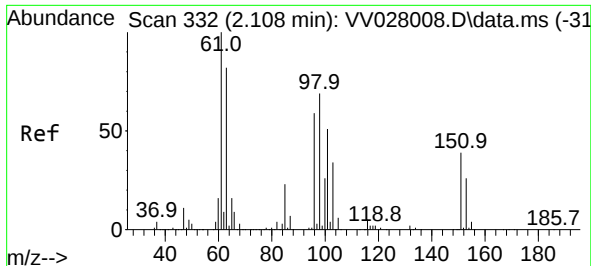
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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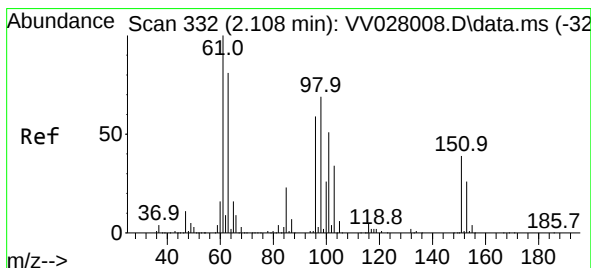
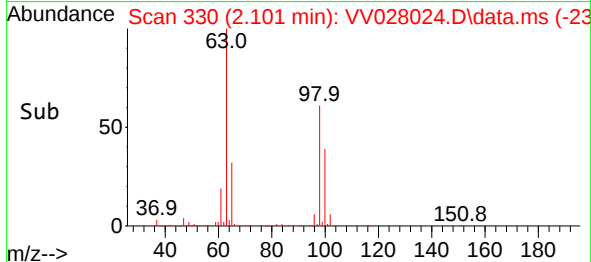
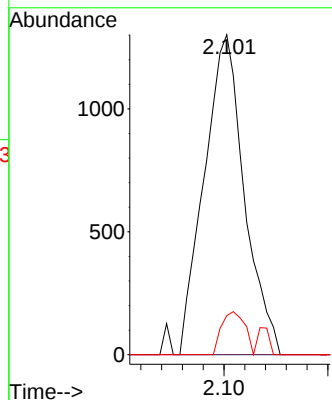
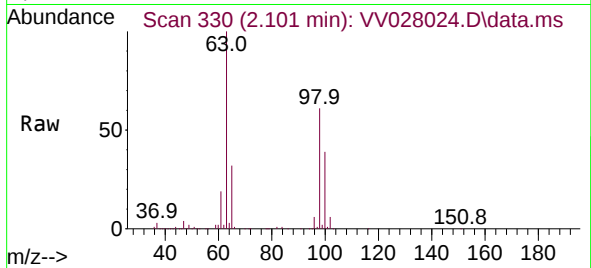




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.710 ug/L
RT: 2.101 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV028024.D
Acq: 21 Sep 2022 18:49

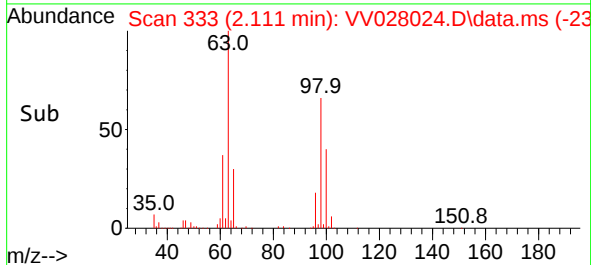
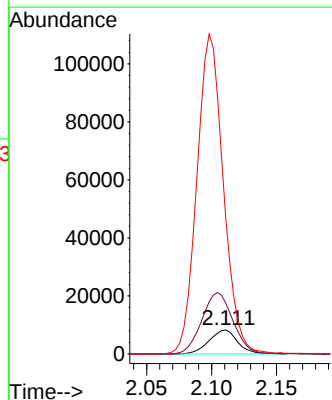
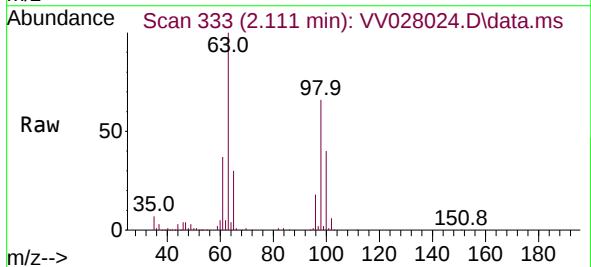
Instrument :
MSVOA_V
ClientSampleId :
C0E86

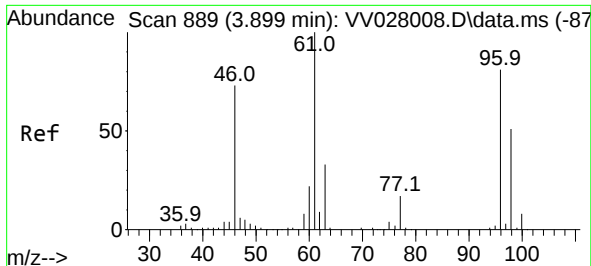
Tgt Ion:101 Resp: 1745
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 7.8 62.2 93.4#



#12
1,1-Dichloroethene
Concen: 5.126 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV028024.D
Acq: 21 Sep 2022 18:49

Tgt Ion: 96 Resp: 12595
Ion Ratio Lower Upper
96 100
61 210.6 123.7 229.7
63 563.4 108.6 201.6#

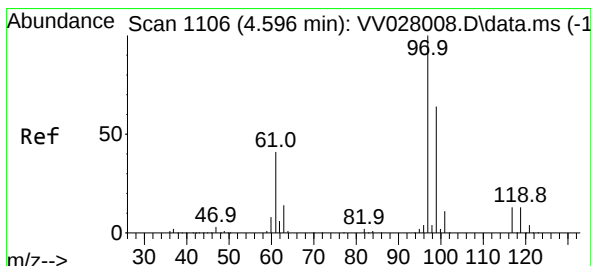
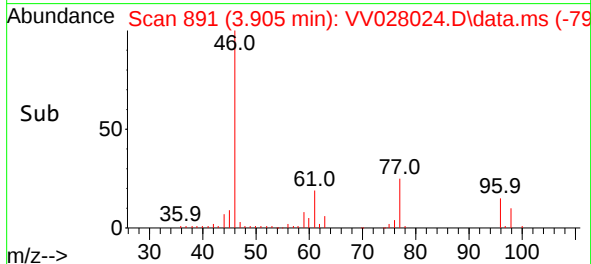
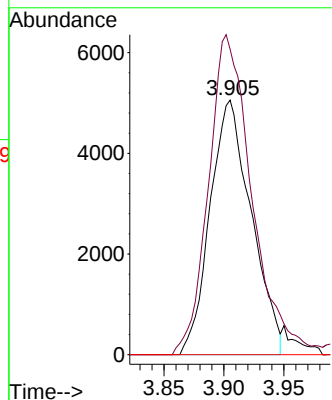
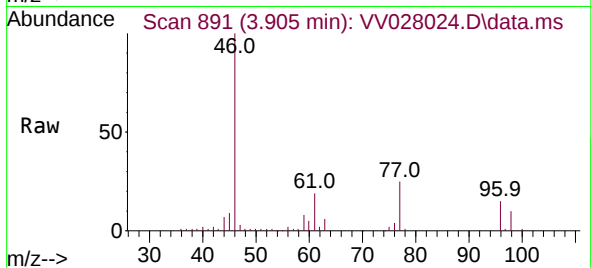




#20
 cis-1,2-Dichloroethene
 Concen: 4.642 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV028024.D
 Acq: 21 Sep 2022 18:49

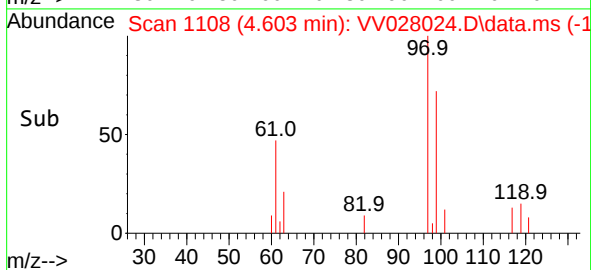
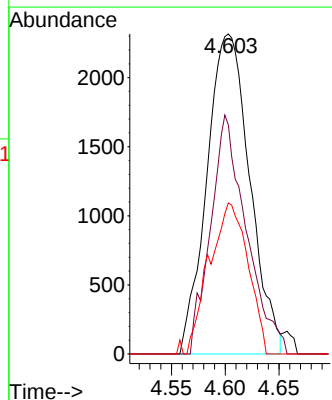
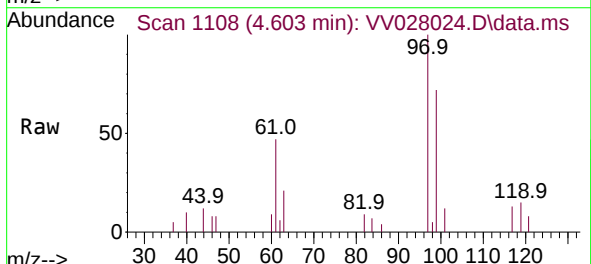
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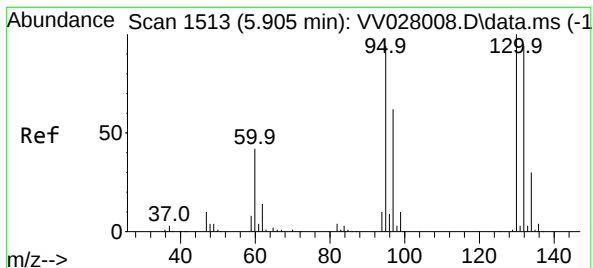
Tgt Ion: 96 Resp: 12105
 Ion Ratio Lower Upper
 96 100
 61 120.0 84.4 156.8
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.618 ug/L
 RT: 4.603 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: VV028024.D
 Acq: 21 Sep 2022 18:49

Tgt Ion: 97 Resp: 6437
 Ion Ratio Lower Upper
 97 100
 99 62.2 51.4 77.0
 61 33.6 35.2 52.8#





#34

Trichloroethene

Concen: 76.119 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028024.D

Acq: 21 Sep 2022 18:49

Instrument :

MSVOA_V

ClientSampleId :

C0E86

Tgt Ion: 95 Resp: 181884

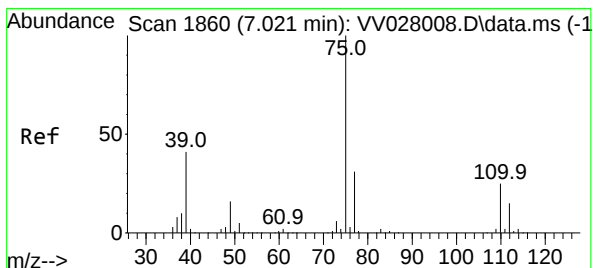
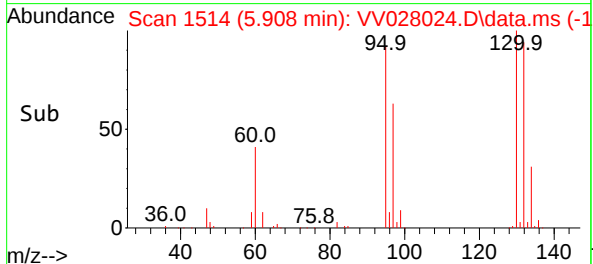
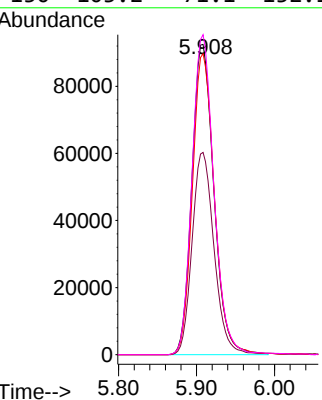
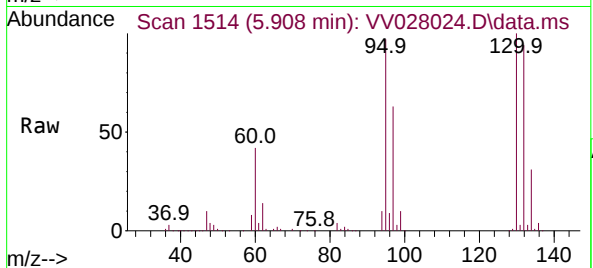
Ion Ratio Lower Upper

95 100

97 65.2 45.4 84.2

132 97.0 69.2 128.6

130 103.2 71.1 132.1



#39

cis-1,3-Dichloropropene

Concen: 0.961 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.039 min

Lab File: VV028024.D

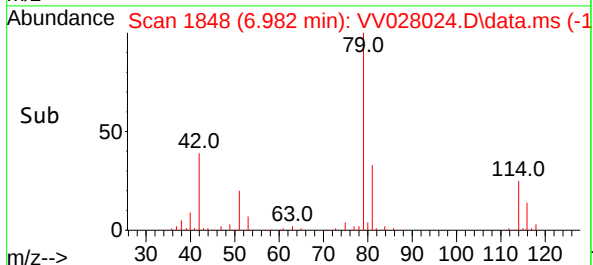
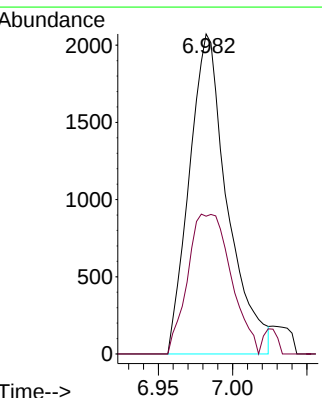
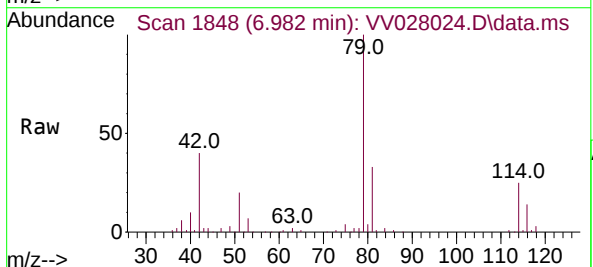
Acq: 21 Sep 2022 18:49

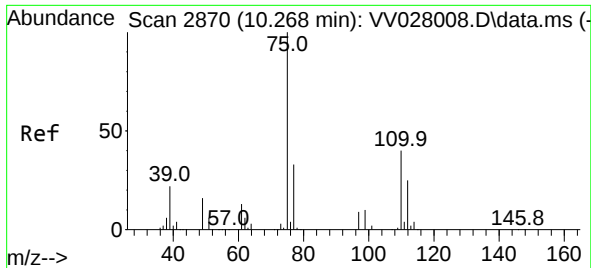
Tgt Ion: 75 Resp: 3682

Ion Ratio Lower Upper

75 100

77 43.1 22.6 42.0#





#61

1,2,3-Trichloropropane

Concen: 5.621 ug/L

RT: 11.242 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV028024.D

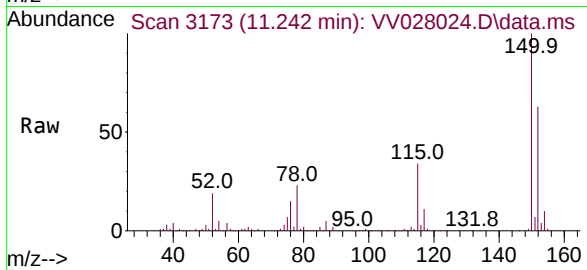
Acq: 21 Sep 2022 18:49

Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion: 75 Resp: 15382

Ion Ratio Lower Upper

75 100

77 33.3 25.9 38.9

110 1.6 31.1 46.7#

