

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092122\
 Data File : VW028050.D
 Acq On : 22 Sep 2022 06:00
 Operator : SY/MD
 Sample : N4659-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0E62

Quant Time: Sep 22 06:27:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 05:25:17 2022
 Response via : Initial Calibration

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

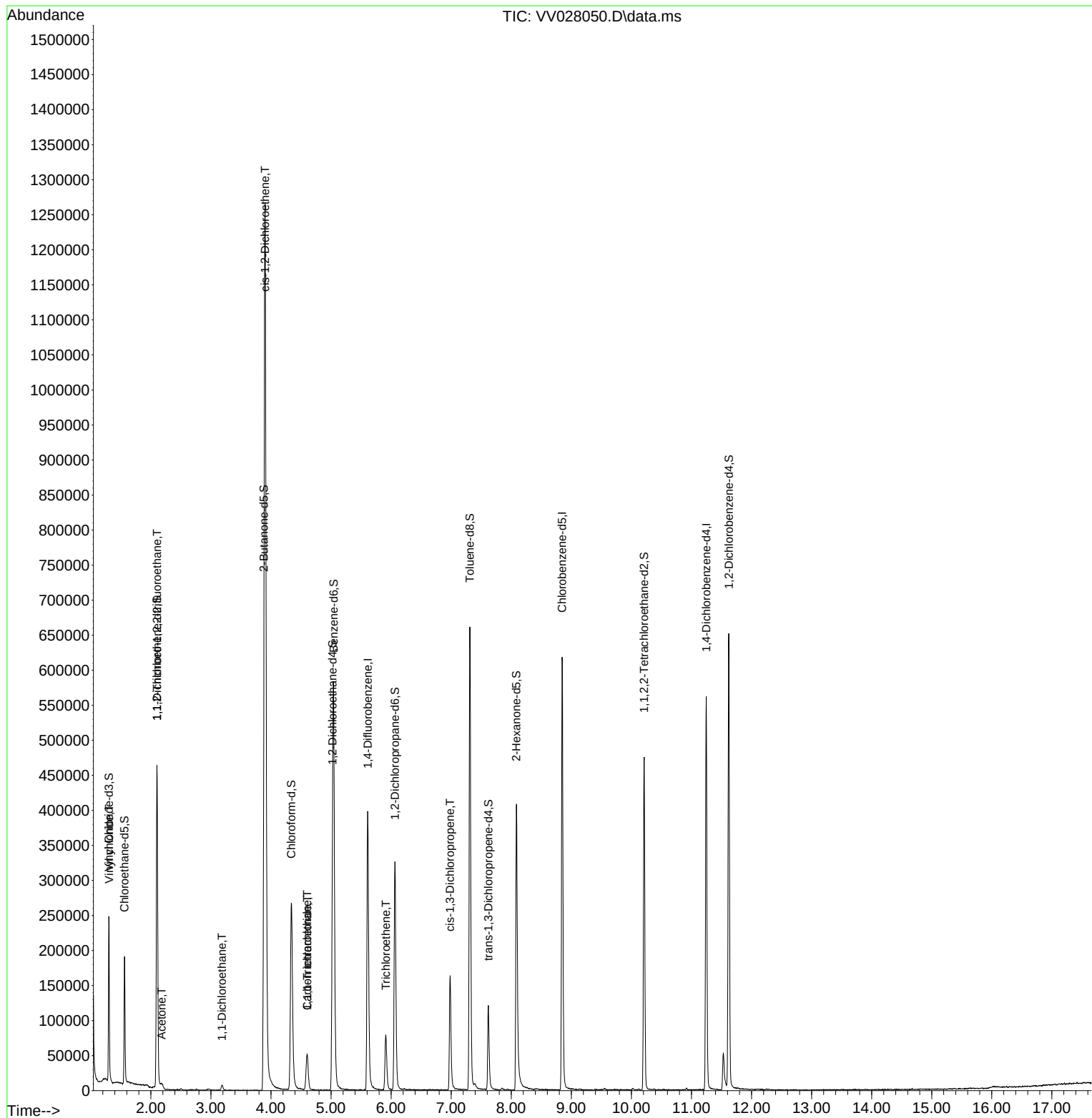
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	349334	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	341587	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	153751	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	145128	47.323	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	94.640%	
7) Chloroethane-d5	1.561	69	119725	48.870	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	97.740%	
11) 1,1-Dichloroethene-d2	2.101	63	222226	40.903	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	81.800%	
21) 2-Butanone-d5	3.883	46	209650	114.963	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	114.960%	
24) Chloroform-d	4.339	84	252434	49.027	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.060%	
26) 1,2-Dichloroethane-d4	5.024	65	167767	50.279	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.560%	
32) Benzene-d6	5.043	84	509536	51.753	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.500%	
36) 1,2-Dichloropropane-d6	6.066	67	159005	52.300	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	104.600%	
41) Toluene-d8	7.310	98	439348	48.730	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	97.460%	
43) trans-1,3-Dichloroprop...	7.619	79	69198	45.516	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.040%	
47) 2-Hexanone-d5	8.085	63	152334	102.280	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	102.280%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	225200	50.326	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	100.660%	
66) 1,2-Dichlorobenzene-d4	11.622	152	172520	57.802	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	115.600%	
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	8535	2.720	ug/L #	66
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	2046	0.807	ug/L #	19
13) Acetone	2.179	43	7710	4.744	ug/L	74
19) 1,1-Dichloroethane	3.182	63	7665	1.645	ug/L	96
20) cis-1,2-Dichloroethene	3.902	96	690908	256.799	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	42682	10.150	ug/L	100
31) Carbon tetrachloride	4.603	117	4844	1.297	ug/L	82
34) Trichloroethene	5.912	95	28037	11.102	ug/L	97
39) cis-1,3-Dichloropropene	6.982	75	3990	0.986	ug/L #	53

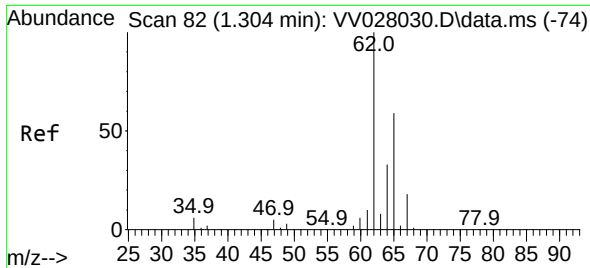
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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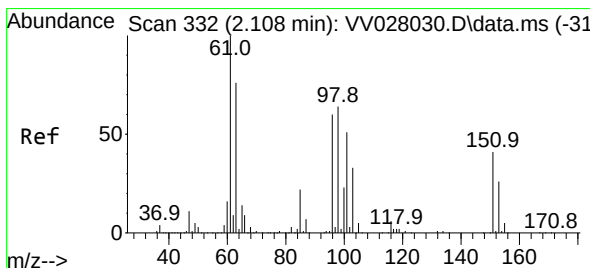
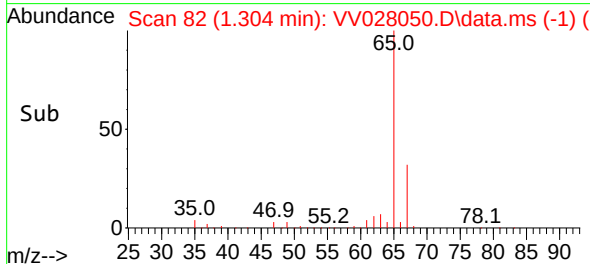
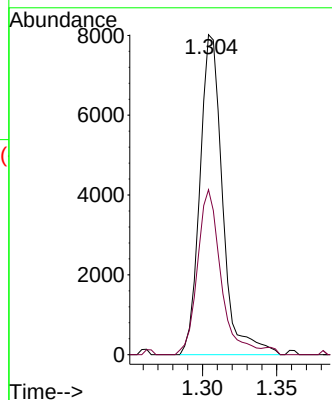
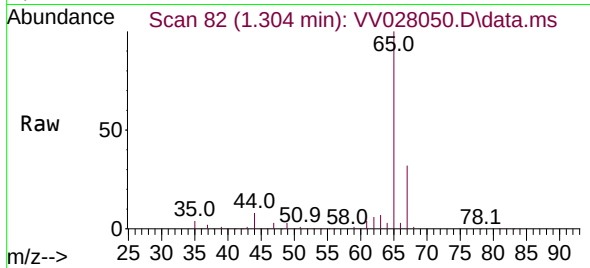




#5
 Vinyl chloride
 Concen: 2.720 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028050.D
 Acq: 22 Sep 2022 06:00

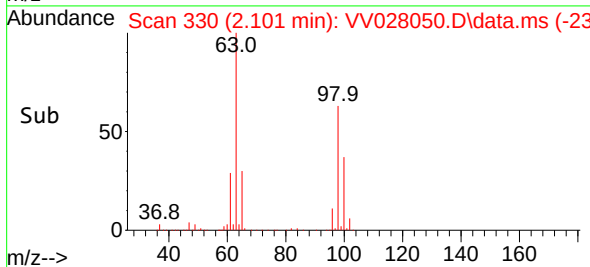
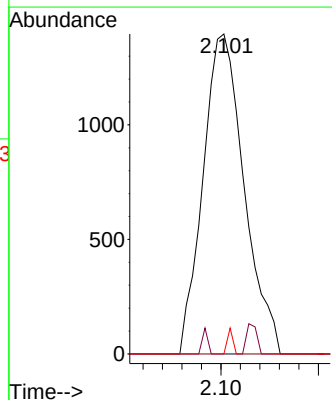
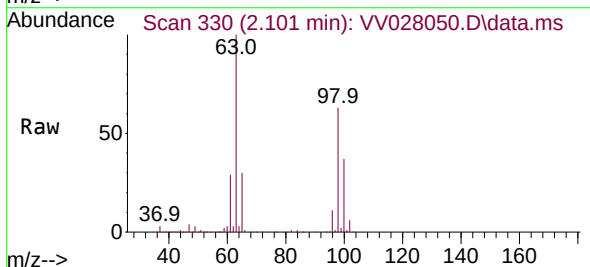
Instrument :
 MSVOA_V
 ClientSampleId :
 C0E62

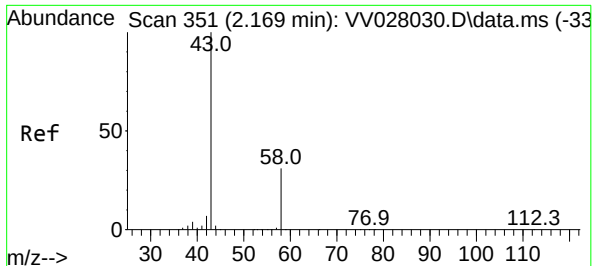
Tgt Ion: 62 Resp: 8535
 Ion Ratio Lower Upper
 62 100
 64 51.5 22.7 42.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.807 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.006 min
 Lab File: VV028050.D
 Acq: 22 Sep 2022 06:00

Tgt Ion: 101 Resp: 2046
 Ion Ratio Lower Upper
 101 100
 85 2.3 35.6 53.4#
 151 0.0 62.2 93.4#





#13

Acetone

Concen: 4.744 ug/L

RT: 2.179 min Scan# 351

Delta R.T. 0.010 min

Lab File: VV028050.D

Acq: 22 Sep 2022 06:00

Instrument :

MSVOA_V

ClientSampleId :

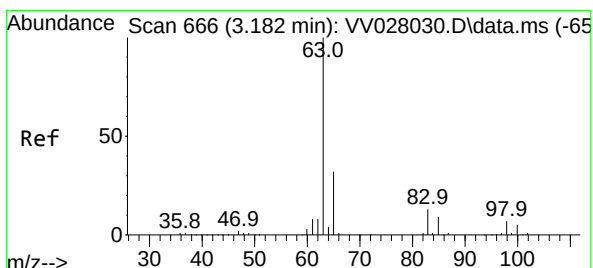
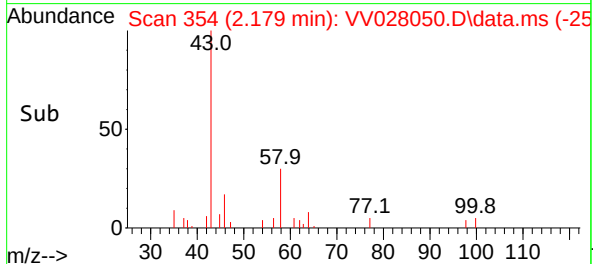
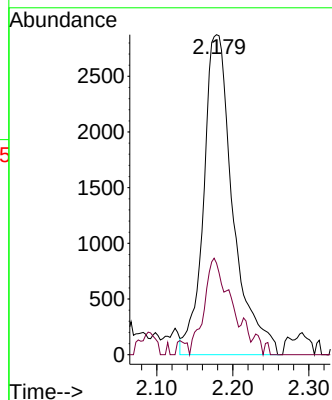
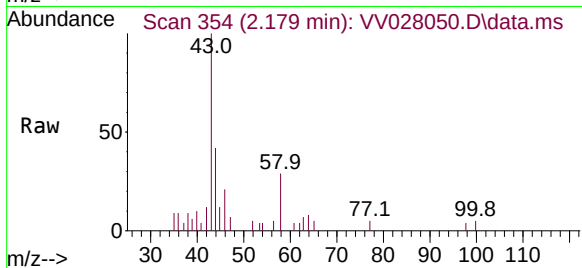
C0E62

Tgt Ion: 43 Resp: 7710

Ion Ratio Lower Upper

43 100

58 18.2 0.0 66.2



#19

1,1-Dichloroethane

Concen: 1.645 ug/L

RT: 3.182 min Scan# 666

Delta R.T. -0.000 min

Lab File: VV028050.D

Acq: 22 Sep 2022 06:00

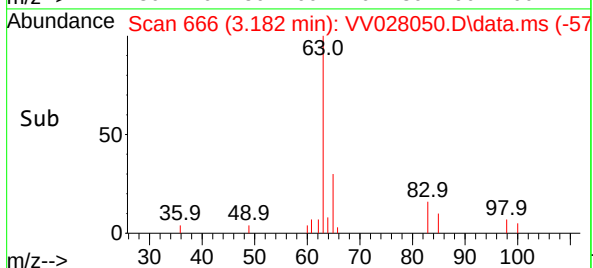
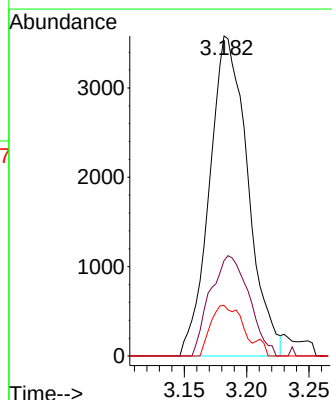
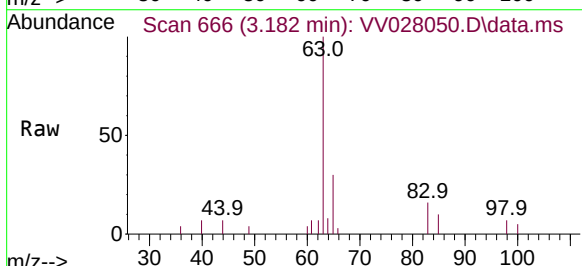
Tgt Ion: 63 Resp: 7665

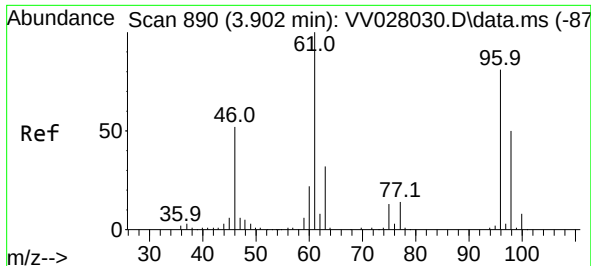
Ion Ratio Lower Upper

63 100

65 29.8 22.5 41.7

83 15.8 9.6 17.8



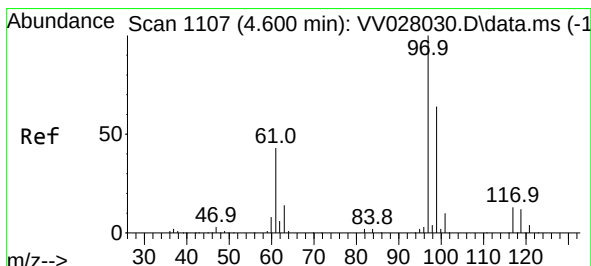
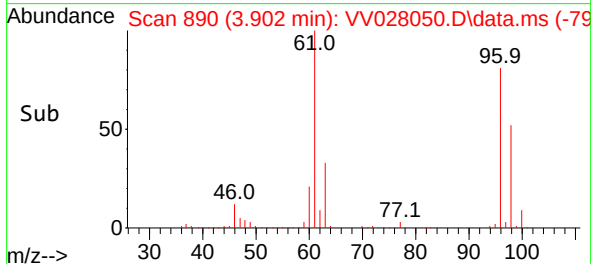
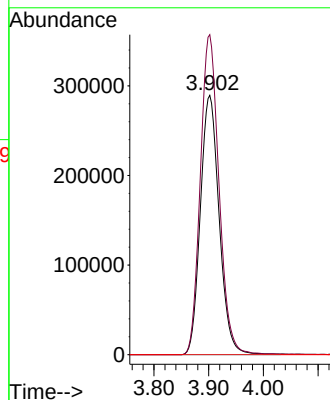
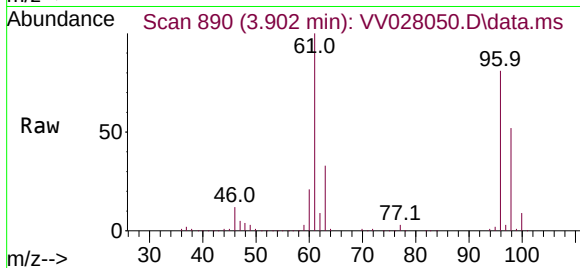


#20
 cis-1,2-Dichloroethene
 Concen: 256.799 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.000 min
 Lab File: VV028050.D
 Acq: 22 Sep 2022 06:00

Instrument :
 MSVOA_V
 ClientSampleId :
 C0E62

Tgt Ion: 96 Resp: 690908

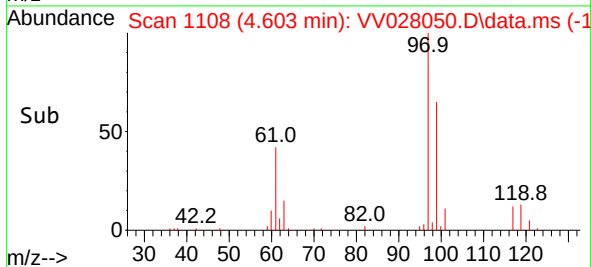
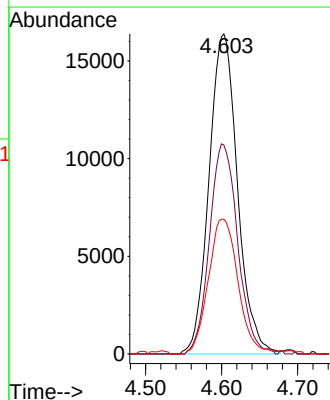
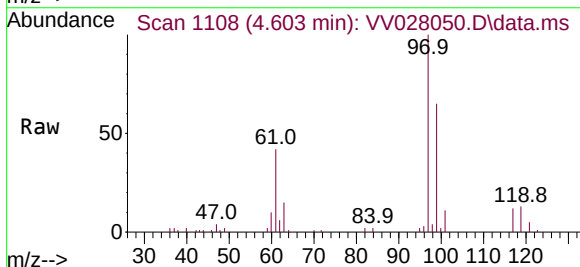
Ion	Ratio	Lower	Upper
96	100		
61	123.4	84.4	156.8
68	0.0	0.0	0.0

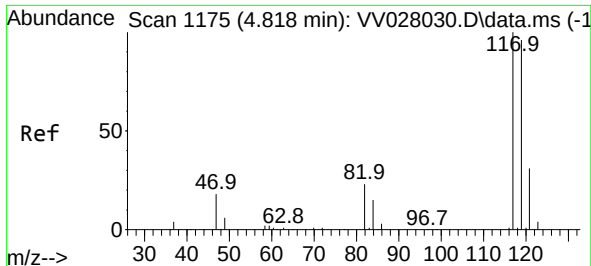


#30
 1,1,1-Trichloroethane
 Concen: 10.150 ug/L
 RT: 4.603 min Scan# 1108
 Delta R.T. 0.003 min
 Lab File: VV028050.D
 Acq: 22 Sep 2022 06:00

Tgt Ion: 97 Resp: 42682

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	43.8	35.2	52.8

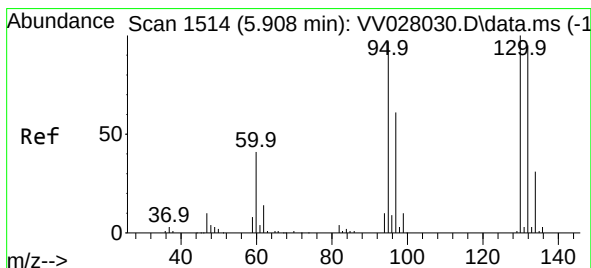
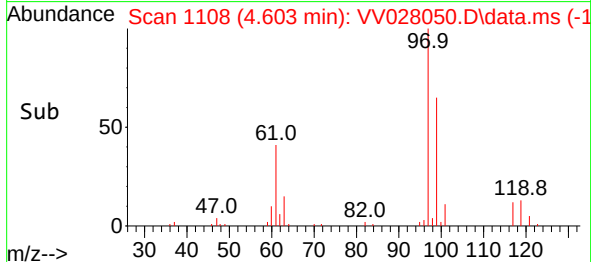
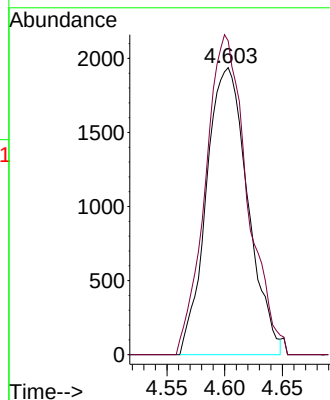
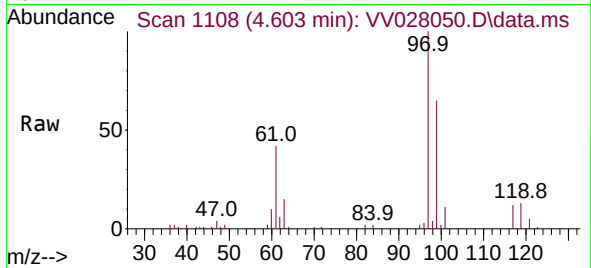




#31
Carbon tetrachloride
Concen: 1.297 ug/L
RT: 4.603 min Scan# 1175
Delta R.T. -0.215 min
Lab File: VV028050.D
Acq: 22 Sep 2022 06:00

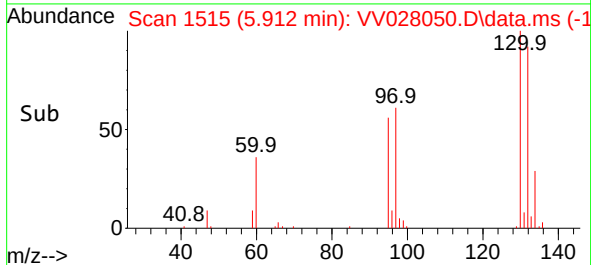
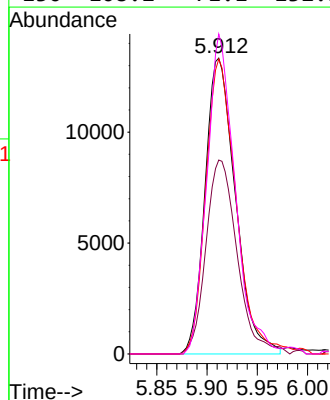
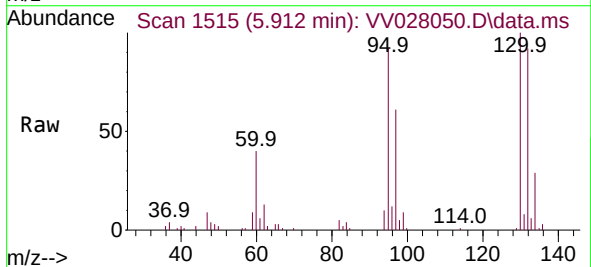
Instrument :
MSVOA_V
ClientSampleId :
C0E62

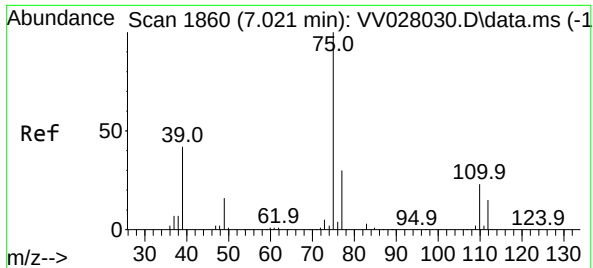
Tgt Ion:117 Resp: 4844
Ion Ratio Lower Upper
117 100
119 112.4 75.6 113.4



#34
Trichloroethene
Concen: 11.102 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV028050.D
Acq: 22 Sep 2022 06:00

Tgt Ion: 95 Resp: 28037
Ion Ratio Lower Upper
95 100
97 65.6 45.4 84.2
132 99.7 69.2 128.6
130 108.2 71.1 132.1





#39
 cis-1,3-Dichloropropene
 Concen: 0.986 ug/L
 RT: 6.982 min Scan# 11
 Delta R.T. -0.039 min
 Lab File: VV028050.D
 Acq: 22 Sep 2022 06:00

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 75 Resp: 3990
 Ion Ratio Lower Upper
 75 100
 77 58.3 22.6 42.0#

