

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101121\
 Data File : VW022728.D
 Acq On : 11 Oct 2021 14:41
 Operator : SY/MD
 Sample : M4109-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 03:40:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 12 03:20:38 2021
 Response via : Initial Calibration

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

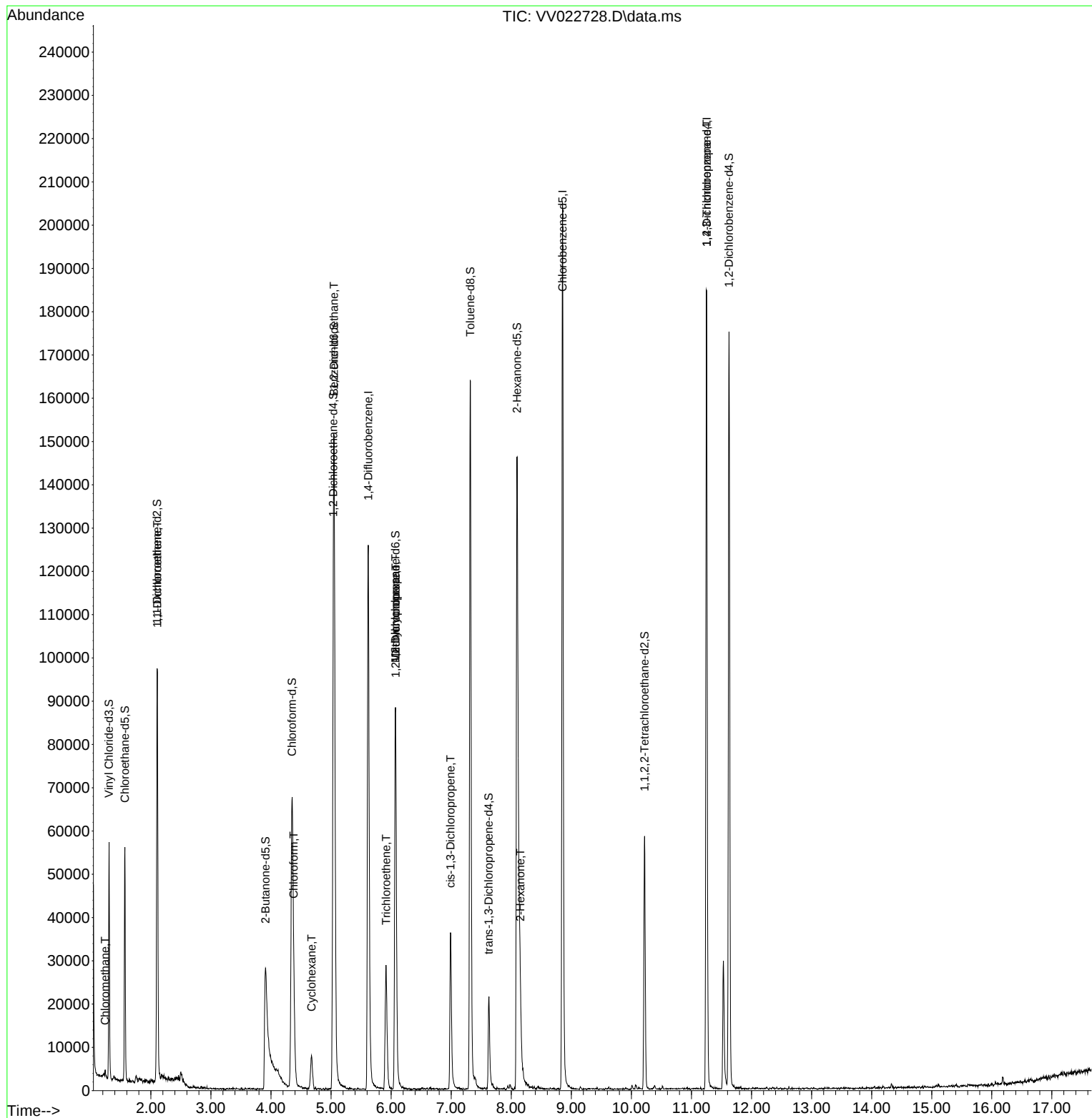
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	113586	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	117364	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	51030	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32156	4.115	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.200%	
7) Chloroethane-d5	1.567	69	32232	4.590	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.104	63	49433	3.225	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.400%	
20) 2-Butanone-d5	3.908	46	59994	29.278	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	58.560%	
24) Chloroform-d	4.349	84	67144	4.169	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.400%	
26) 1,2-Dichloroethane-d4	5.037	65	34863	4.460	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
32) Benzene-d6	5.050	84	135942	3.891	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.800%	
36) 1,2-Dichloropropane-d6	6.072	67	44189	4.271	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.400%	
41) Toluene-d8	7.320	98	112986	3.741	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.800%	
43) trans-1,3-Dichloroprop...	7.625	79	13385	3.900	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.000%	
46) 2-Hexanone-d5	8.095	63	56344	40.734	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.460%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	27756	3.960	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	79.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	47050	4.973	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.400%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	902	0.108	ug/L	92
12) 1,1-Dichloroethene	2.108	96	447	0.065	ug/L #	1
25) Chloroform	4.378	83	18437	1.183	ug/L	93
27) 1,2-Dichloroethane	5.046	62	784	0.101	ug/L #	69
30) Cyclohexane	4.673	56	3786	0.306	ug/L	93
34) Trichloroethene	5.918	95	7903	0.919	ug/L	98
35) Methylcyclohexane	6.072	83	10965	0.911	ug/L #	16
37) 1,2-Dichloropropane	6.075	63	4945	0.650	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1030	0.102	ug/L #	67
48) 2-Hexanone	8.149	43	12809	4.289	ug/L #	87
61) 1,2,3-Trichloropropane	11.252	75	5449	1.537	ug/L #	62

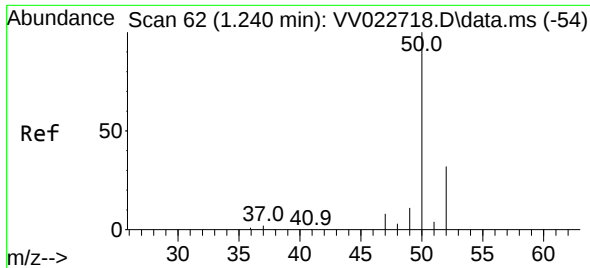
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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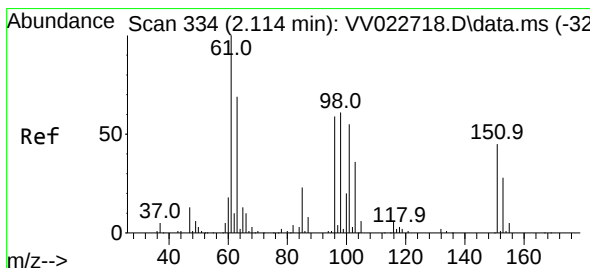
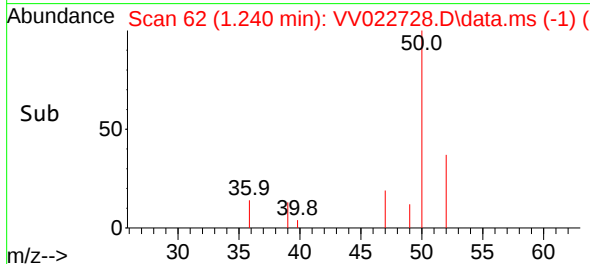
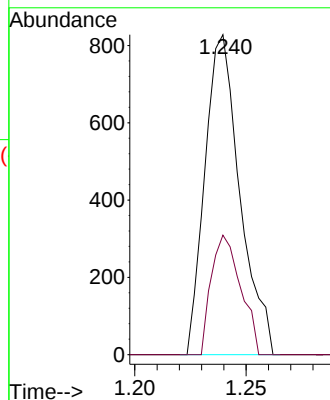
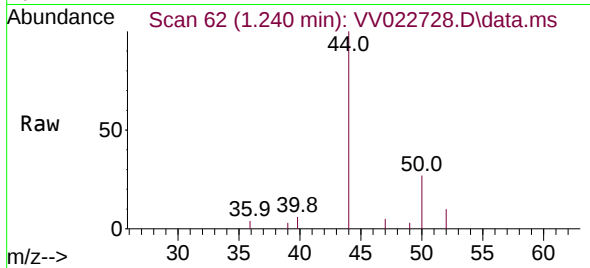




#3
Chloromethane
Concen: 0.108 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022728.D
Acq: 11 Oct 2021 14:41

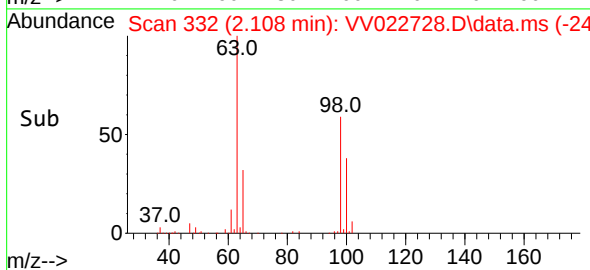
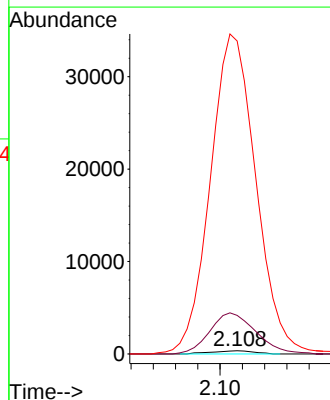
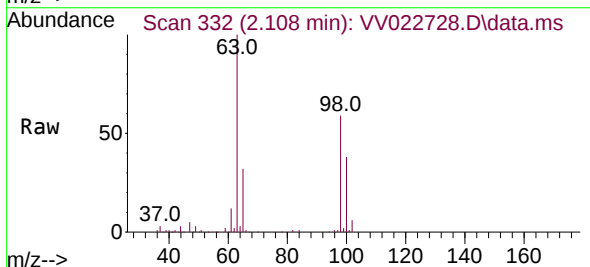
Instrument :
MSVOA_V
ClientSampled :

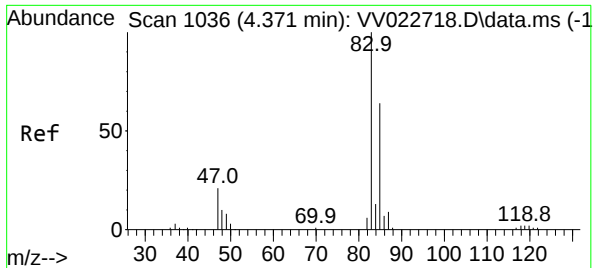
Tgt Ion: 50 Resp: 902
Ion Ratio Lower Upper
50 100
52 37.3 22.9 42.5



#12
1,1-Dichloroethene
Concen: 0.065 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.007 min
Lab File: VV022728.D
Acq: 11 Oct 2021 14:41

Tgt Ion: 96 Resp: 447
Ion Ratio Lower Upper
96 100
61 1219.9 127.3 236.5#
63 9899.4 106.2 197.2#

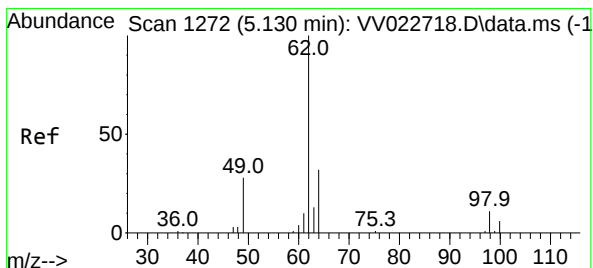
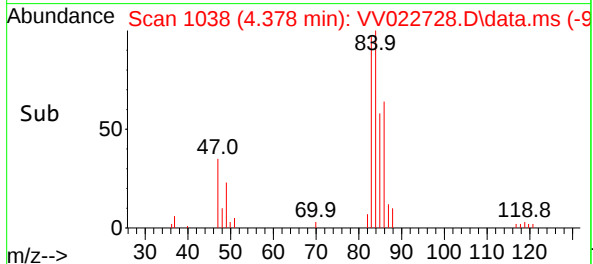
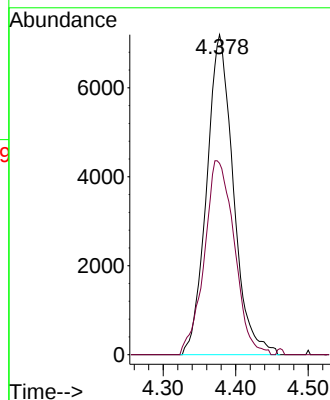
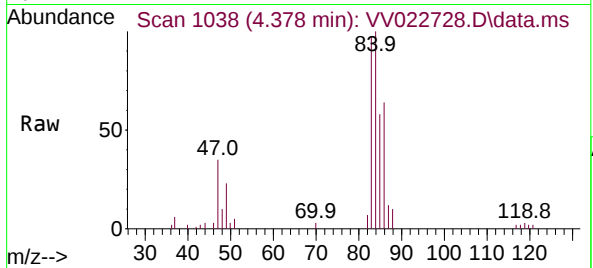




#25
Chloroform
Concen: 1.183 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022728.D
Acq: 11 Oct 2021 14:41

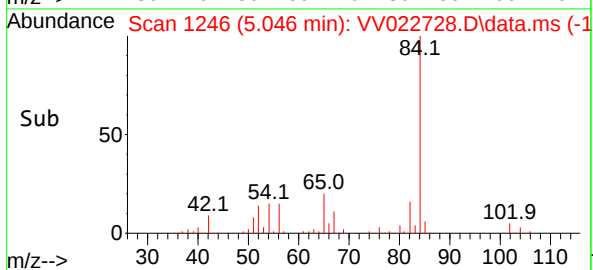
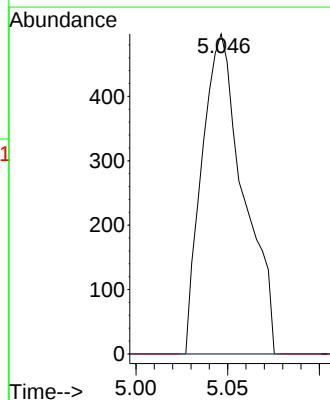
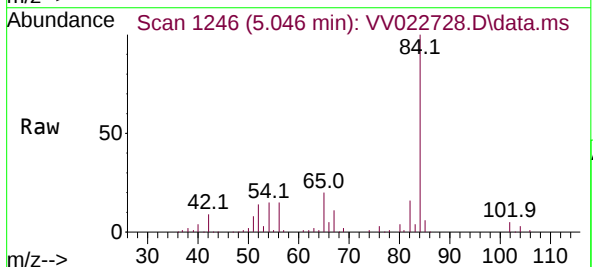
Instrument :
MSVOA_V
ClientSampled :

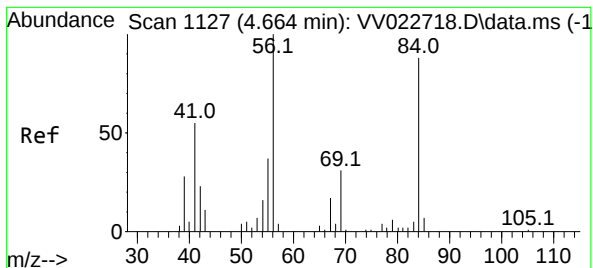
Tgt Ion: 83 Resp: 18437
Ion Ratio Lower Upper
83 100
85 59.8 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.101 ug/L
RT: 5.046 min Scan# 1246
Delta R.T. -0.084 min
Lab File: VV022728.D
Acq: 11 Oct 2021 14:41

Tgt Ion: 62 Resp: 784
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#





#30

Cyclohexane

Concen: 0.306 ug/L

RT: 4.673 min Scan# 1130

Delta R.T. 0.010 min

Lab File: VV022728.D

Acq: 11 Oct 2021 14:41

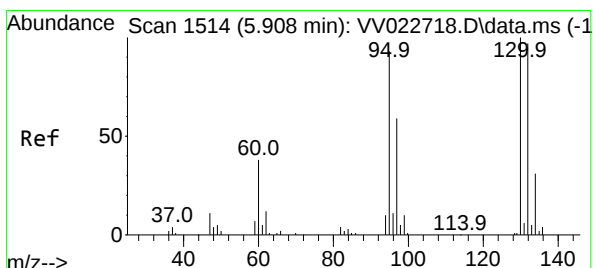
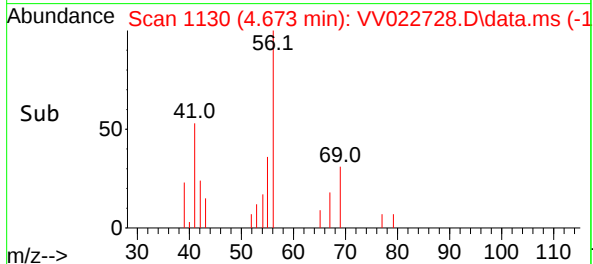
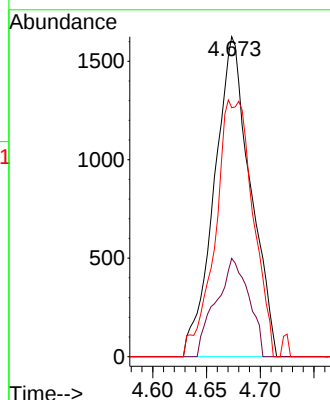
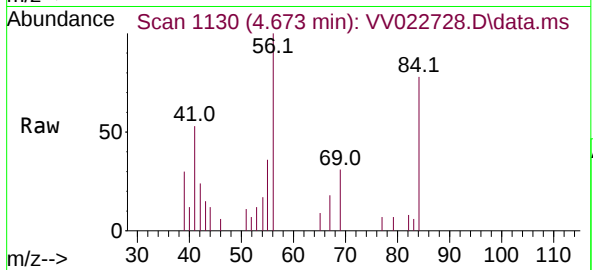
Tgt Ion: 56 Resp: 3786

Ion Ratio Lower Upper

56 100

69 27.8 24.9 37.3

84 83.5 72.5 108.7



#34

Trichloroethene

Concen: 0.919 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.010 min

Lab File: VV022728.D

Acq: 11 Oct 2021 14:41

Tgt Ion: 95 Resp: 7903

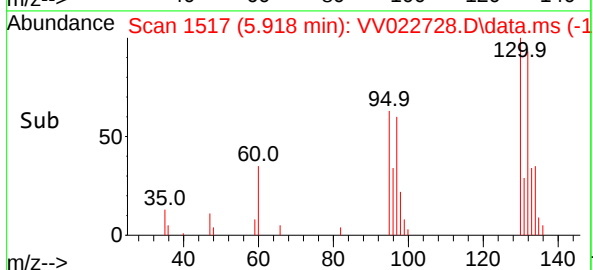
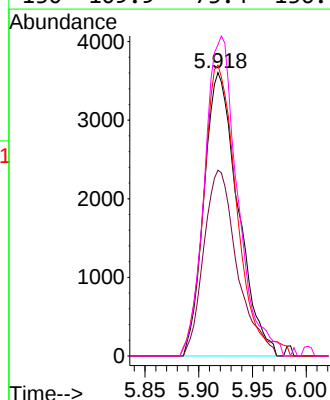
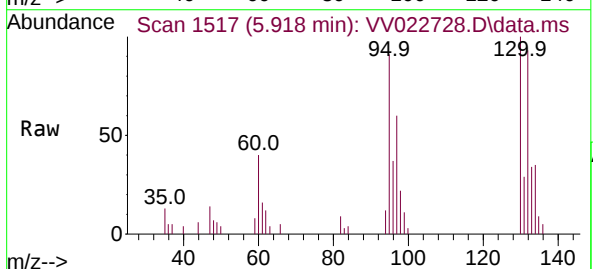
Ion Ratio Lower Upper

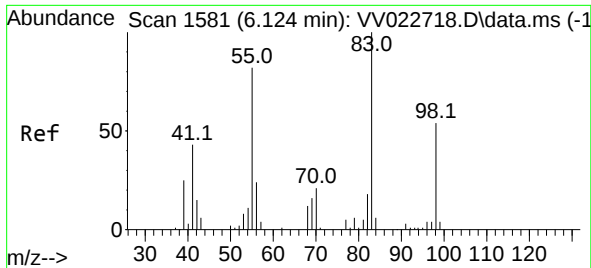
95 100

97 65.6 45.8 85.2

132 102.6 72.2 134.0

130 109.9 73.4 136.4

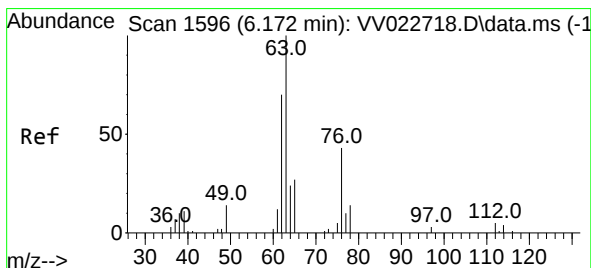
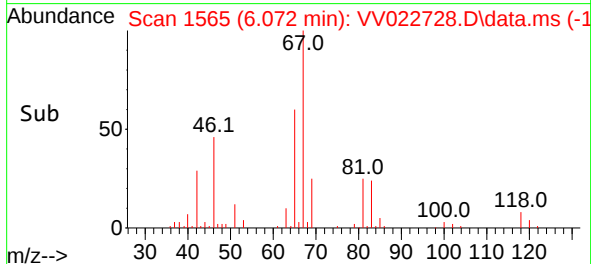
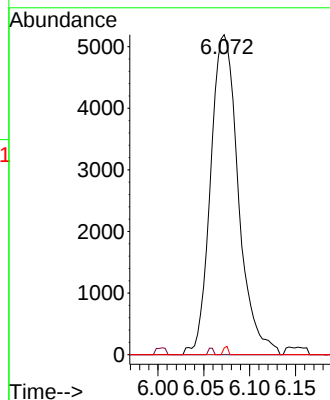
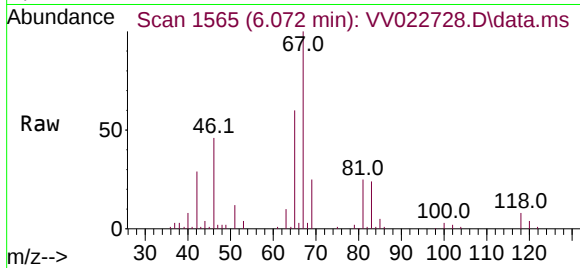




#35
Methylcyclohexane
Concen: 0.911 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.052 min
Lab File: VV022728.D
Acq: 11 Oct 2021 14:41

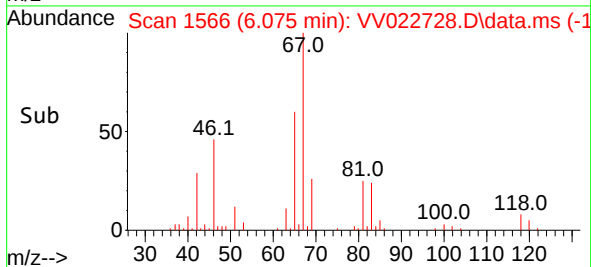
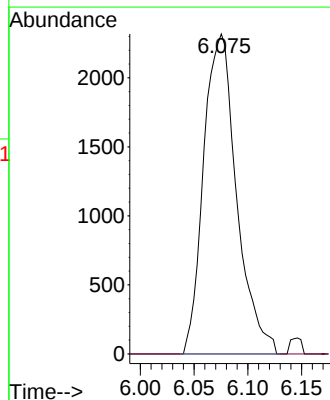
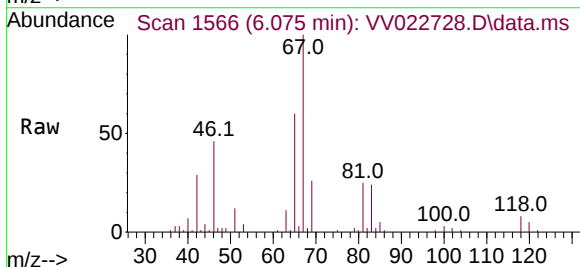
Instrument :
MSVOA_V
ClientSampleId :

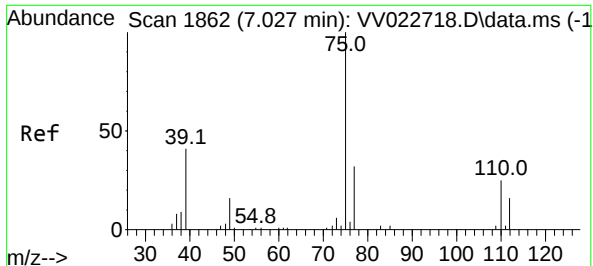
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.4	63.8	95.6#
98	0.0	42.1	63.1#



#37
1,2-Dichloropropane
Concen: 0.650 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.097 min
Lab File: VV022728.D
Acq: 11 Oct 2021 14:41

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#



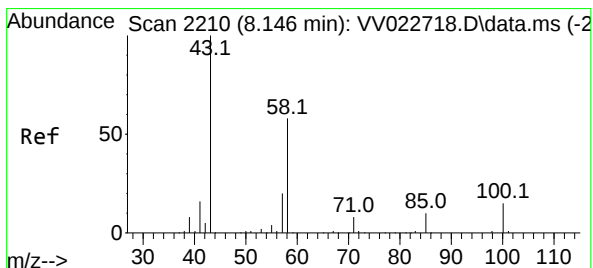
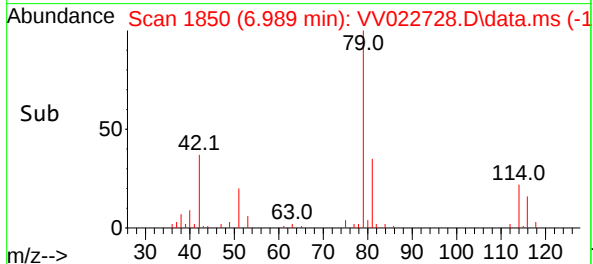
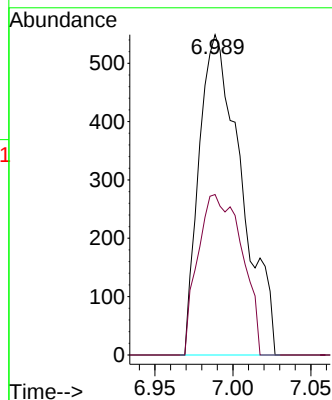
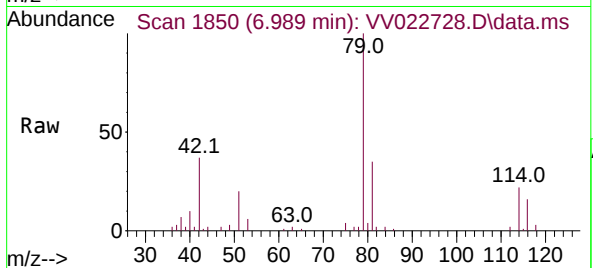


#39

cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022728.D
Acq: 11 Oct 2021 14:41

Instrument :
MSVOA_V
ClientSampled :

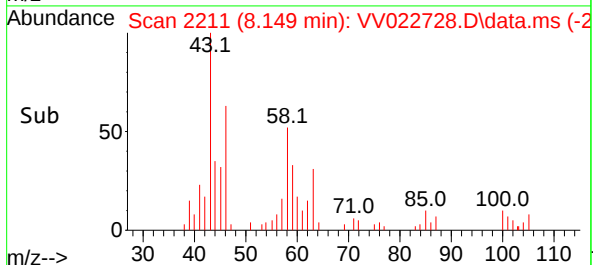
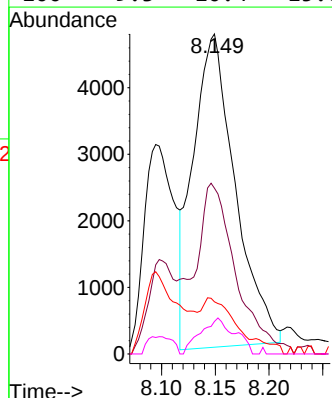
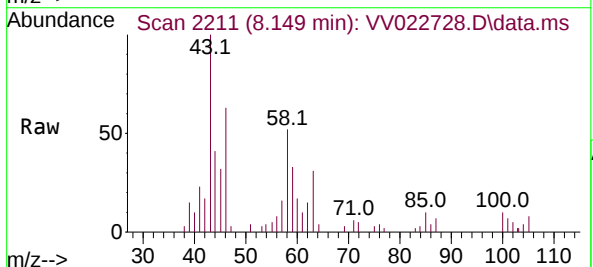
Tgt Ion: 75 Resp: 1030
Ion Ratio Lower Upper
75 100
77 50.1 22.3 41.3#

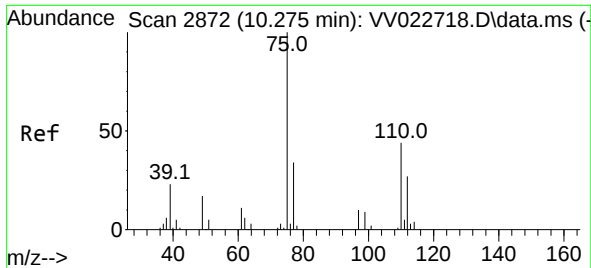


#48

2-Hexanone
Concen: 4.289 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VV022728.D
Acq: 11 Oct 2021 14:41

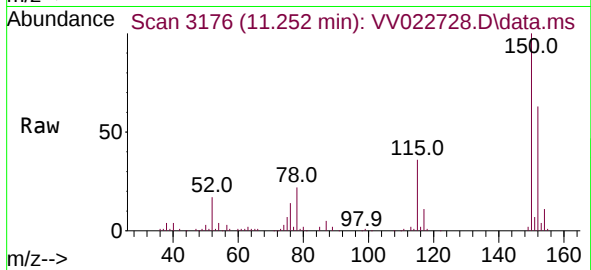
Tgt Ion: 43 Resp: 12809
Ion Ratio Lower Upper
43 100
58 47.3 47.4 71.0#
57 15.7 15.3 22.9
100 9.3 10.4 15.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.537 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.977 min
 Lab File: VV022728.D
 Acq: 11 Oct 2021 14:41

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 5449
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.4 38.2
 110 2.2 34.2 51.4#

