

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101121\
 Data File : VW022740.D
 Acq On : 11 Oct 2021 19:28
 Operator : SY/MD
 Sample : M4109-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 03:43:42 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)

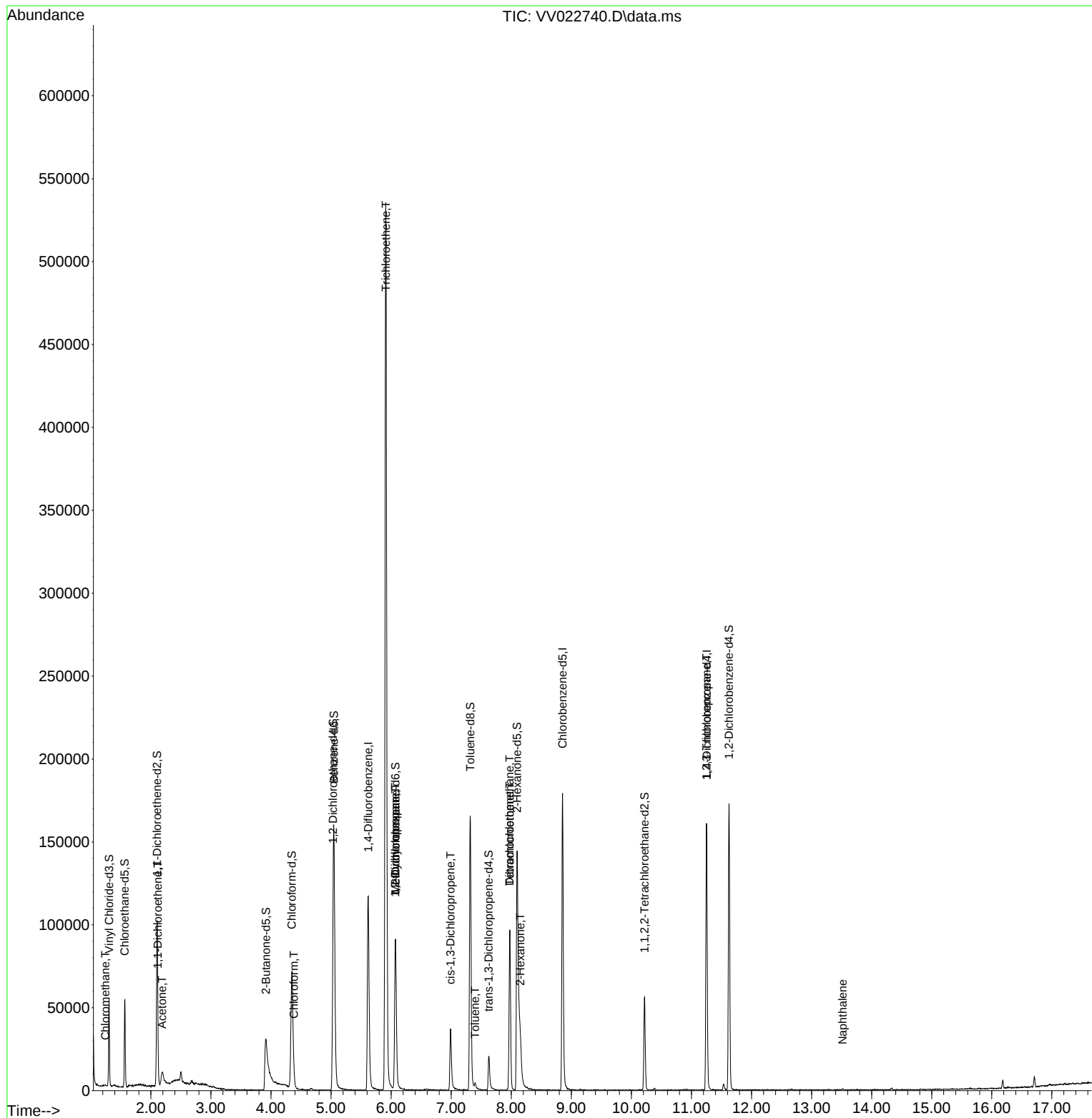
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	106252	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	104198	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	44040	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30060	4.112	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.564	69	32211	4.903	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.105	63	49834	3.475	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	3.915	46	65642	34.246	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.500%
24) Chloroform-d	4.346	84	71249	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.034	65	36203	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.047	84	138362	4.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.072	67	45564	4.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.317	98	115176	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.625	79	12883	4.228	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.095	63	57868	47.122	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.240%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	26948	4.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	46476	5.692	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.800%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	430	0.055	ug/L	86
12) 1,1-Dichloroethene	2.118	96	4371	0.681	ug/L #	1
13) Acetone	2.185	43	16748	15.669	ug/L #	42
25) Chloroform	4.381	83	5870	0.403	ug/L	92
34) Trichloroethene	5.912	95	180140	23.605	ug/L	99
35) Methylcyclohexane	6.072	83	10875	1.017	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	4804	0.712	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	958	0.107	ug/L #	1
42) Toluene	7.397	91	2937	0.103	ug/L	92
47) Tetrachloroethene	7.976	164	23401	3.792	ug/L	95
48) 2-Hexanone	8.149	43	12751	4.809	ug/L #	93
49) Dibromochloromethane	7.976	129	19162	3.268	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	4851	1.585	ug/L #	59
71) Naphthalene	13.516	128	564	0.053	ug/L #	68

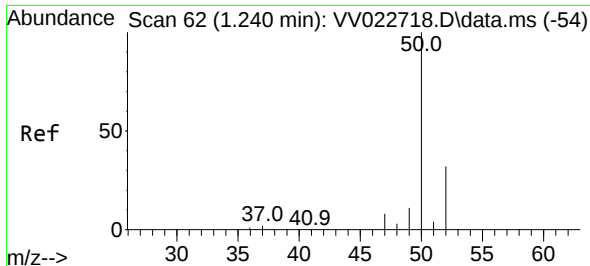
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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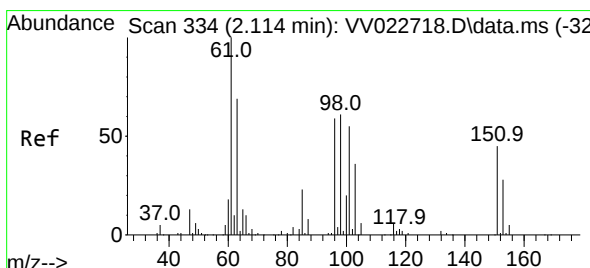
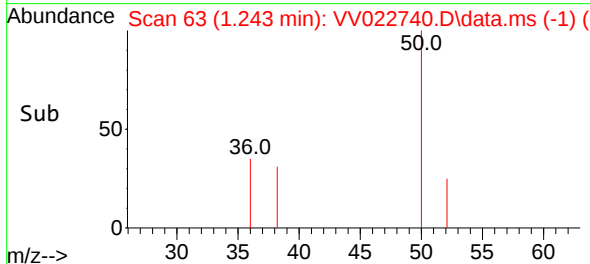
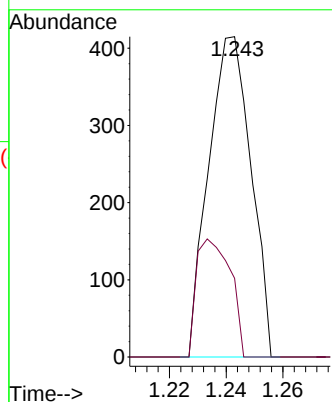
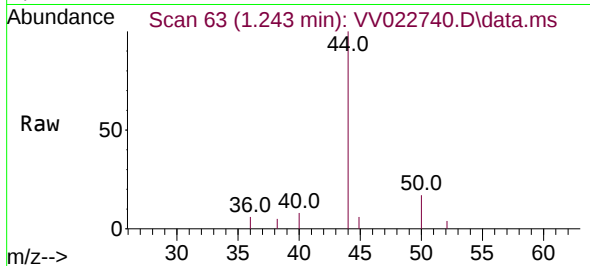




#3
Chloromethane
Concen: 0.055 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV022740.D
Acq: 11 Oct 2021 19:28

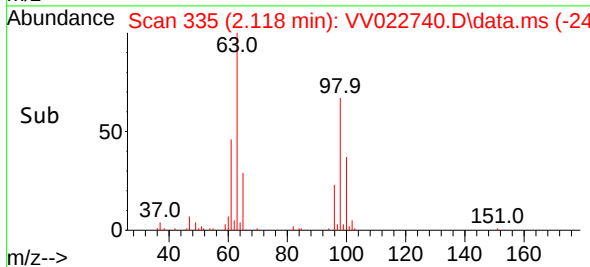
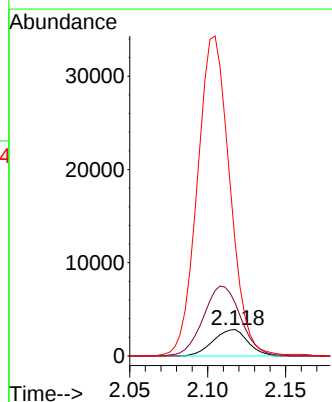
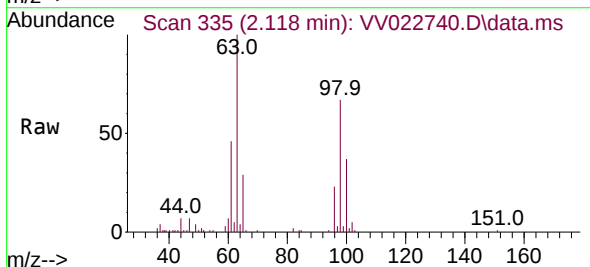
Instrument :
MSVOA_V
ClientSampled :

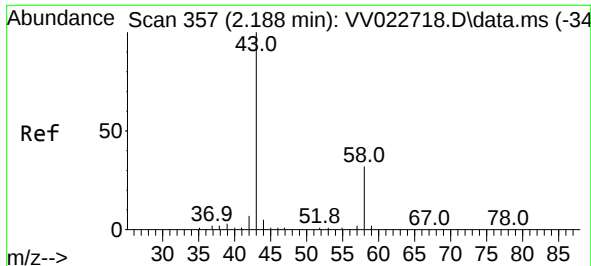
Tgt Ion: 50 Resp: 430
Ion Ratio Lower Upper
50 100
52 24.6 22.9 42.5



#12
1,1-Dichloroethene
Concen: 0.681 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022740.D
Acq: 11 Oct 2021 19:28

Tgt Ion: 96 Resp: 4371
Ion Ratio Lower Upper
96 100
61 200.5 127.3 236.5
63 432.1 106.2 197.2#

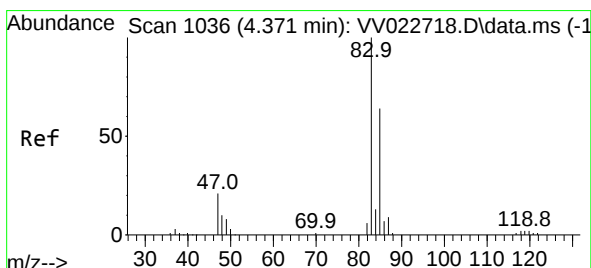
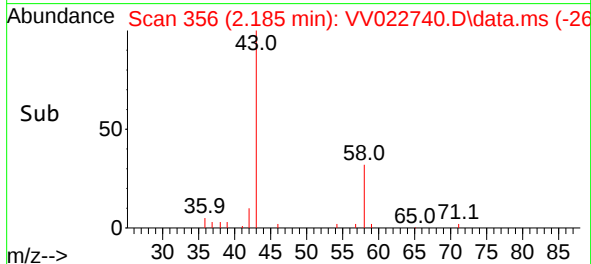
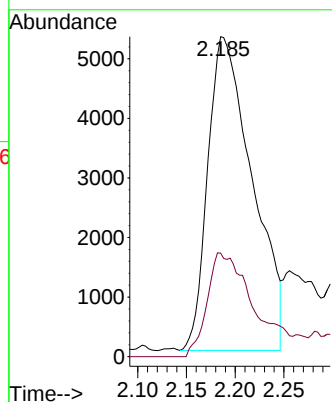
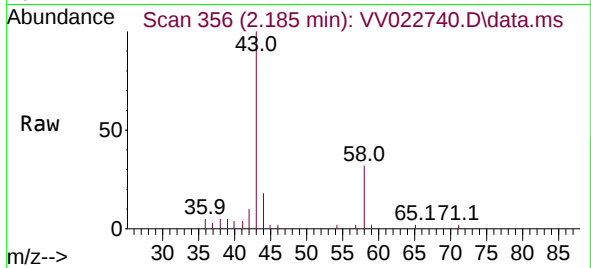




#13
Acetone
Concen: 15.669 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.003 min
Lab File: VV022740.D
Acq: 11 Oct 2021 19:28

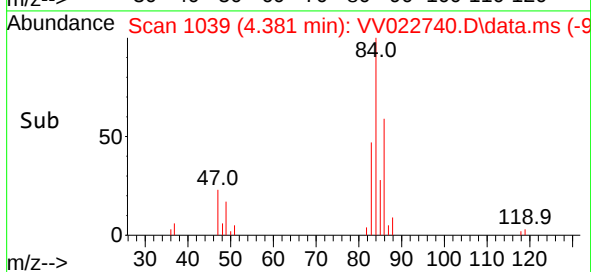
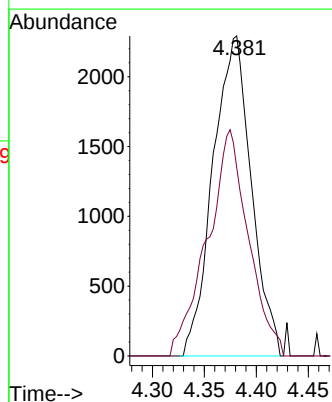
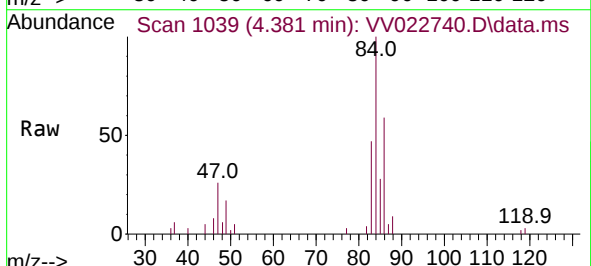
Instrument :
MSVOA_V
ClientSampleId :

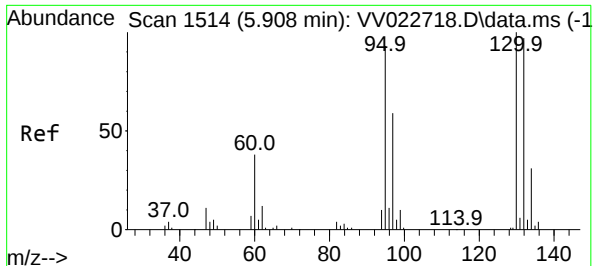
Tgt Ion: 43 Resp: 16748
Ion Ratio Lower Upper
43 100
58 34.8 0.0 24.2#



#25
Chloroform
Concen: 0.403 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV022740.D
Acq: 11 Oct 2021 19:28

Tgt Ion: 83 Resp: 5870
Ion Ratio Lower Upper
83 100
85 58.9 45.7 84.9





#34

Trichloroethene

Concen: 23.605 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV022740.D

Acq: 11 Oct 2021 19:28

Tgt Ion: 95 Resp: 180140

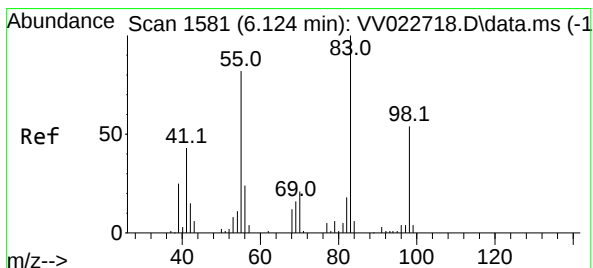
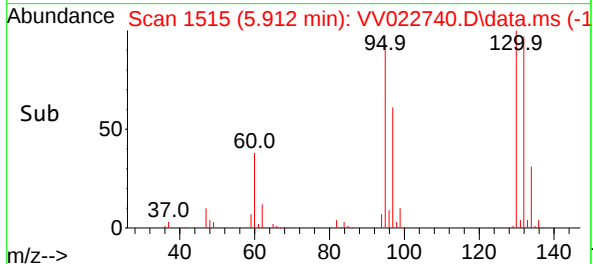
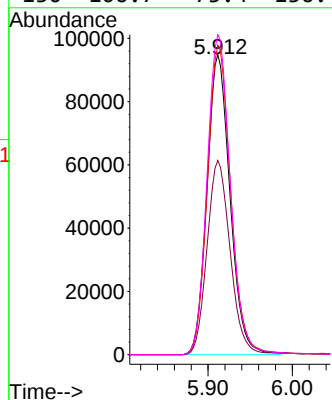
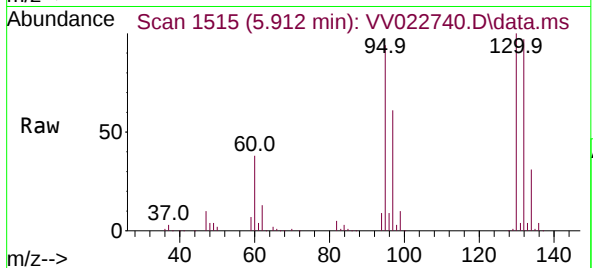
Ion Ratio Lower Upper

95 100

97 64.8 45.8 85.2

132 103.2 72.2 134.0

130 106.7 73.4 136.4



#35

Methylcyclohexane

Concen: 1.017 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.051 min

Lab File: VV022740.D

Acq: 11 Oct 2021 19:28

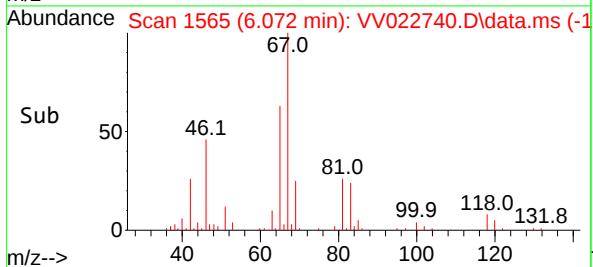
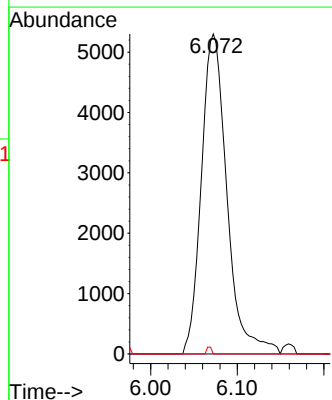
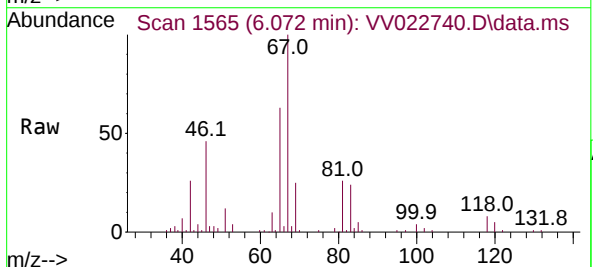
Tgt Ion: 83 Resp: 10875

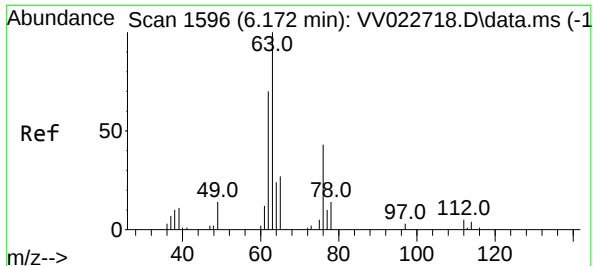
Ion Ratio Lower Upper

83 100

55 0.0 63.8 95.6#

98 0.0 42.1 63.1#



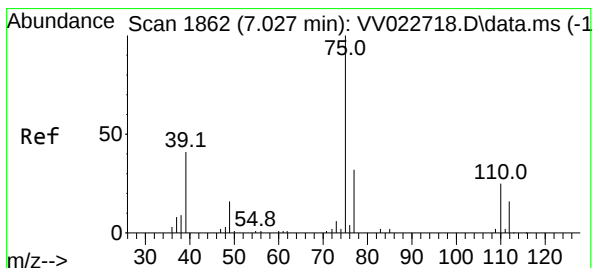
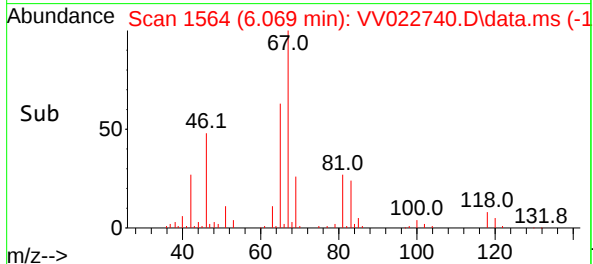
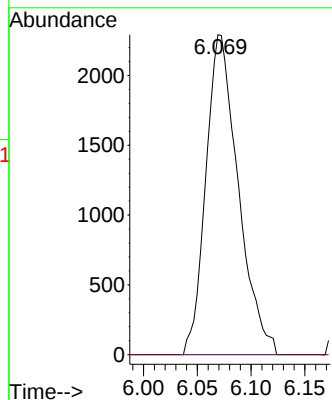
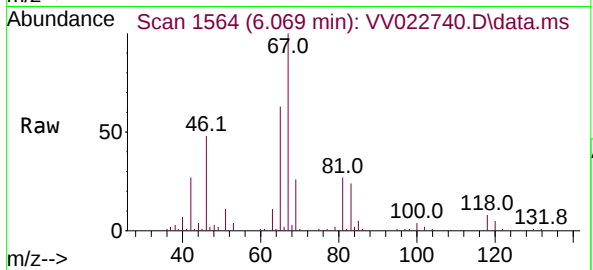


#37

1,2-Dichloropropane
Concen: 0.712 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV022740.D
Acq: 11 Oct 2021 19:28

Instrument :
MSVOA_V
ClientSampled :

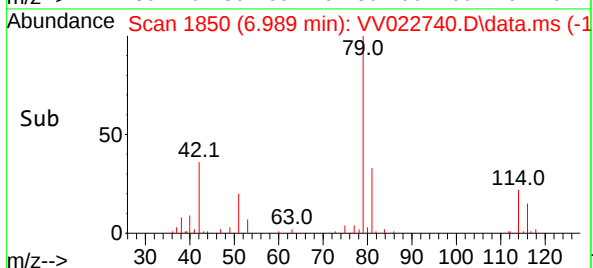
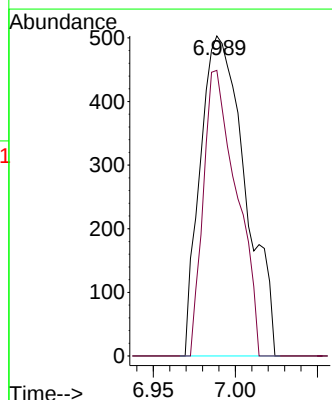
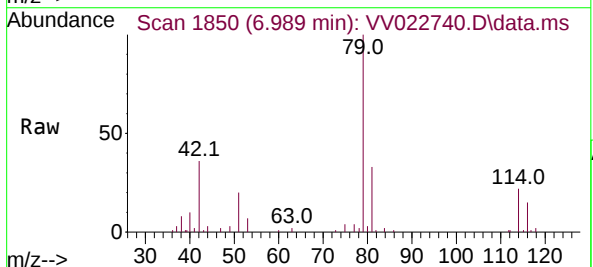
Tgt Ion: 63 Resp: 4804
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

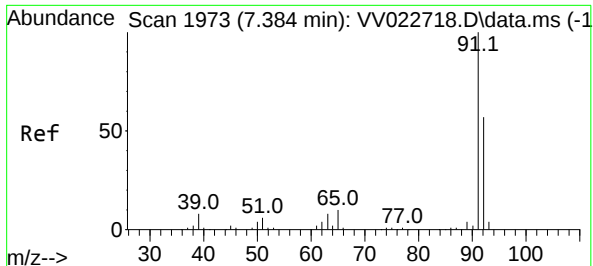


#39

cis-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.038 min
Lab File: VV022740.D
Acq: 11 Oct 2021 19:28

Tgt Ion: 75 Resp: 958
Ion Ratio Lower Upper
75 100
77 89.3 22.3 41.3#

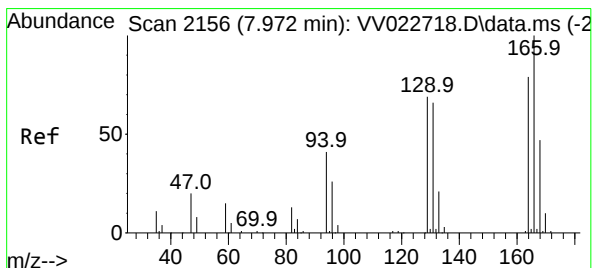
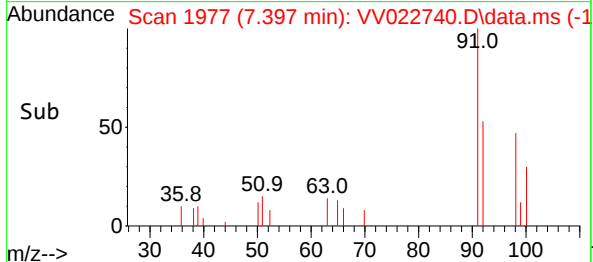
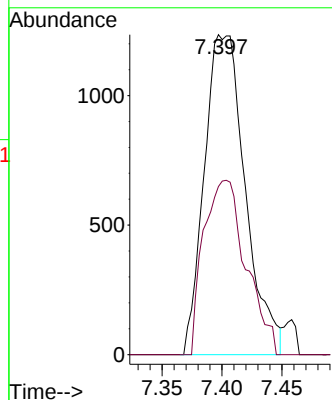
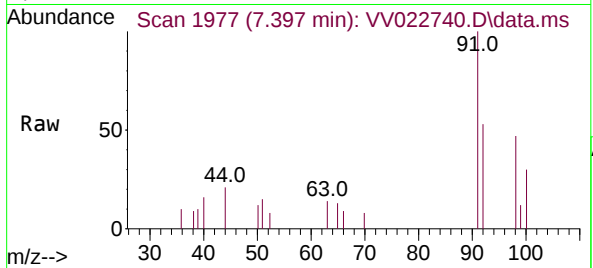




#42
Toluene
Concen: 0.103 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.013 min
Lab File: VV022740.D
Acq: 11 Oct 2021 19:28

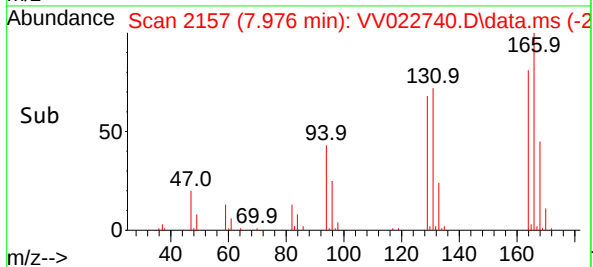
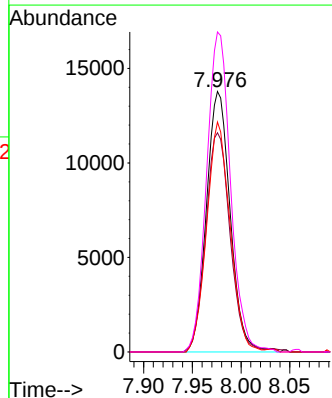
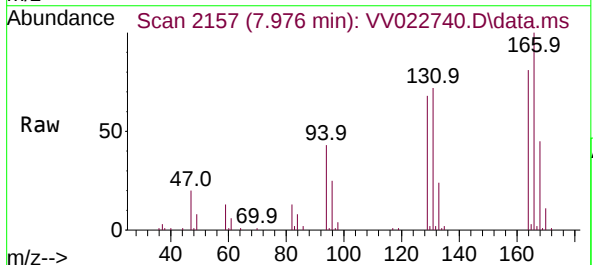
Instrument :
MSVOA_V
ClientSampled :

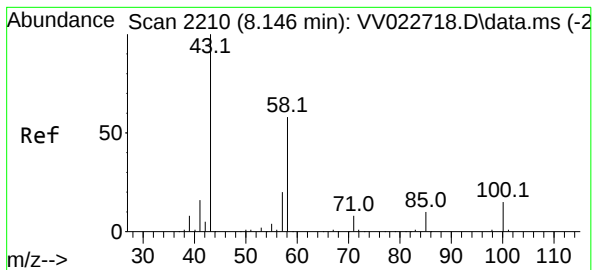
Tgt Ion: 91 Resp: 2937
Ion Ratio Lower Upper
91 100
92 52.6 40.7 75.7



#47
Tetrachloroethene
Concen: 3.792 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022740.D
Acq: 11 Oct 2021 19:28

Tgt Ion: 164 Resp: 23401
Ion Ratio Lower Upper
164 100
129 84.1 65.0 120.6
131 88.2 62.2 115.4
166 122.8 89.2 165.8

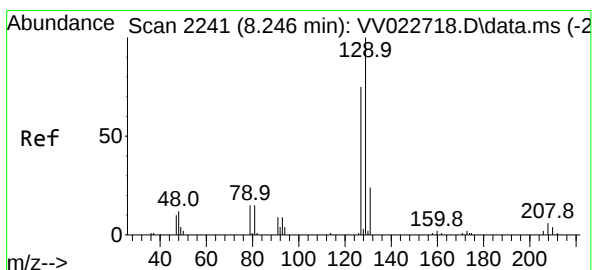
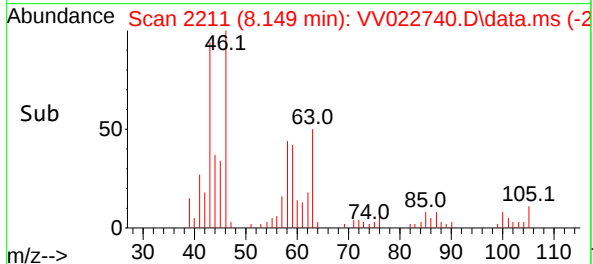
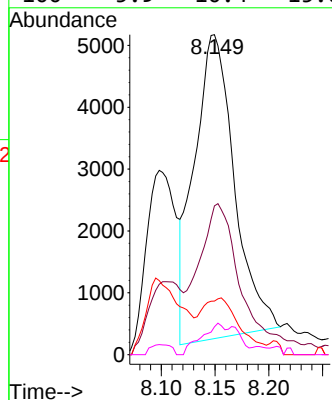
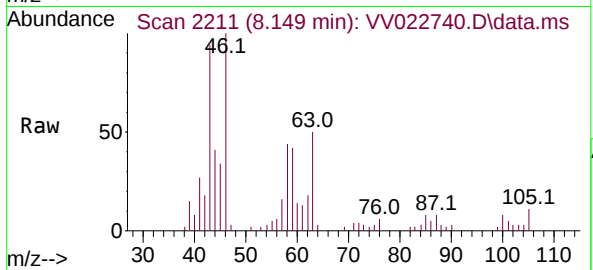




#48
2-Hexanone
Concen: 4.809 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VV022740.D
Acq: 11 Oct 2021 19:28

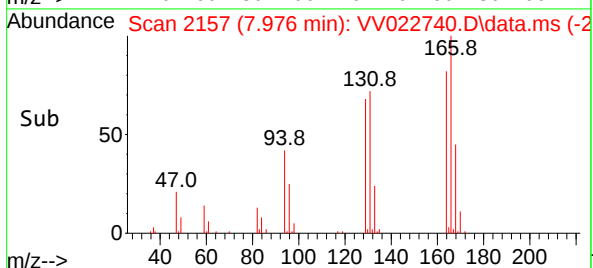
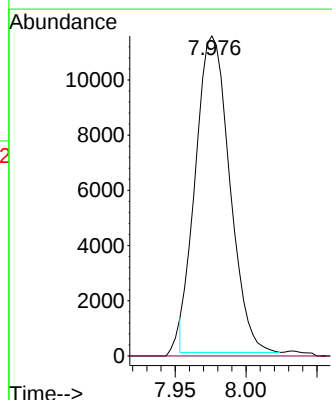
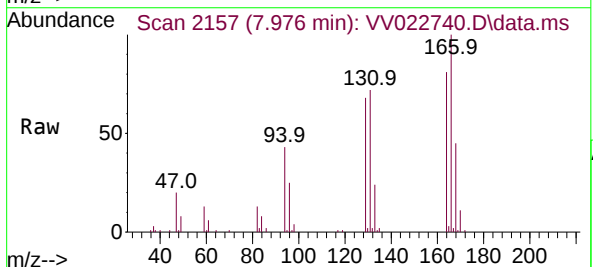
Instrument :
MSVOA_V
ClientSampleId :

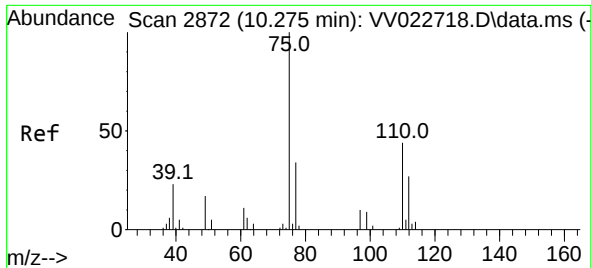
Tgt Ion:	43	Resp:	12751
Ion	Ratio	Lower	Upper
43	100		
58	54.4	47.4	71.0
57	18.0	15.3	22.9
100	5.9	10.4	15.6



#49
Dibromochloromethane
Concen: 3.268 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV022740.D
Acq: 11 Oct 2021 19:28

Tgt Ion:	129	Resp:	19162
Ion	Ratio	Lower	Upper
129	100		
127	0.0	59.1	109.9

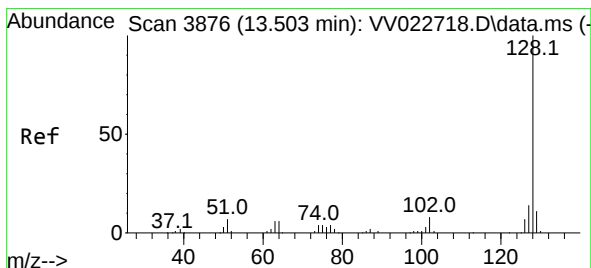
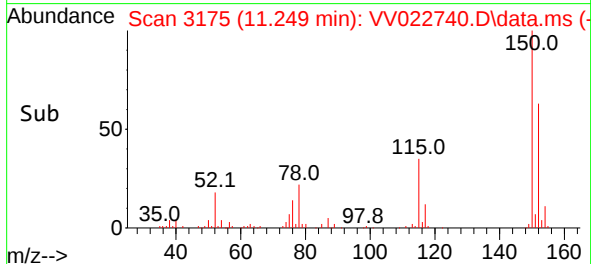
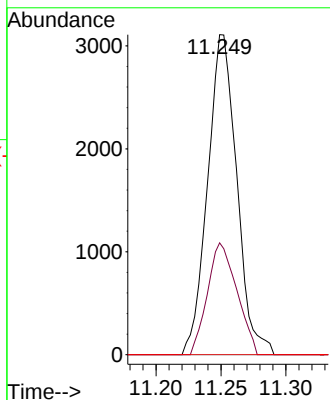
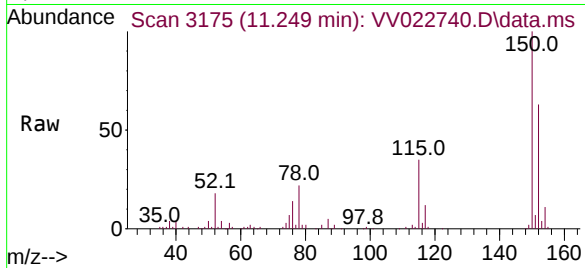




#61
1,2,3-Trichloropropane
Concen: 1.585 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022740.D
Acq: 11 Oct 2021 19:28

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 4851
Ion Ratio Lower Upper
75 100
77 35.1 25.4 38.2
110 0.0 34.2 51.4#



#71
Naphthalene
Concen: 0.053 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.013 min
Lab File: VV022740.D
Acq: 11 Oct 2021 19:28

Tgt Ion: 128 Resp: 564
Ion Ratio Lower Upper
128 100
129 0.0 9.3 13.9#
127 0.0 10.8 16.2#

