

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
 Data File : VV022683.D
 Acq On : 07 Oct 2021 23:28
 Operator : SY/MD
 Sample : M4098-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 04:05:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
 Response via : Initial Calibration

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

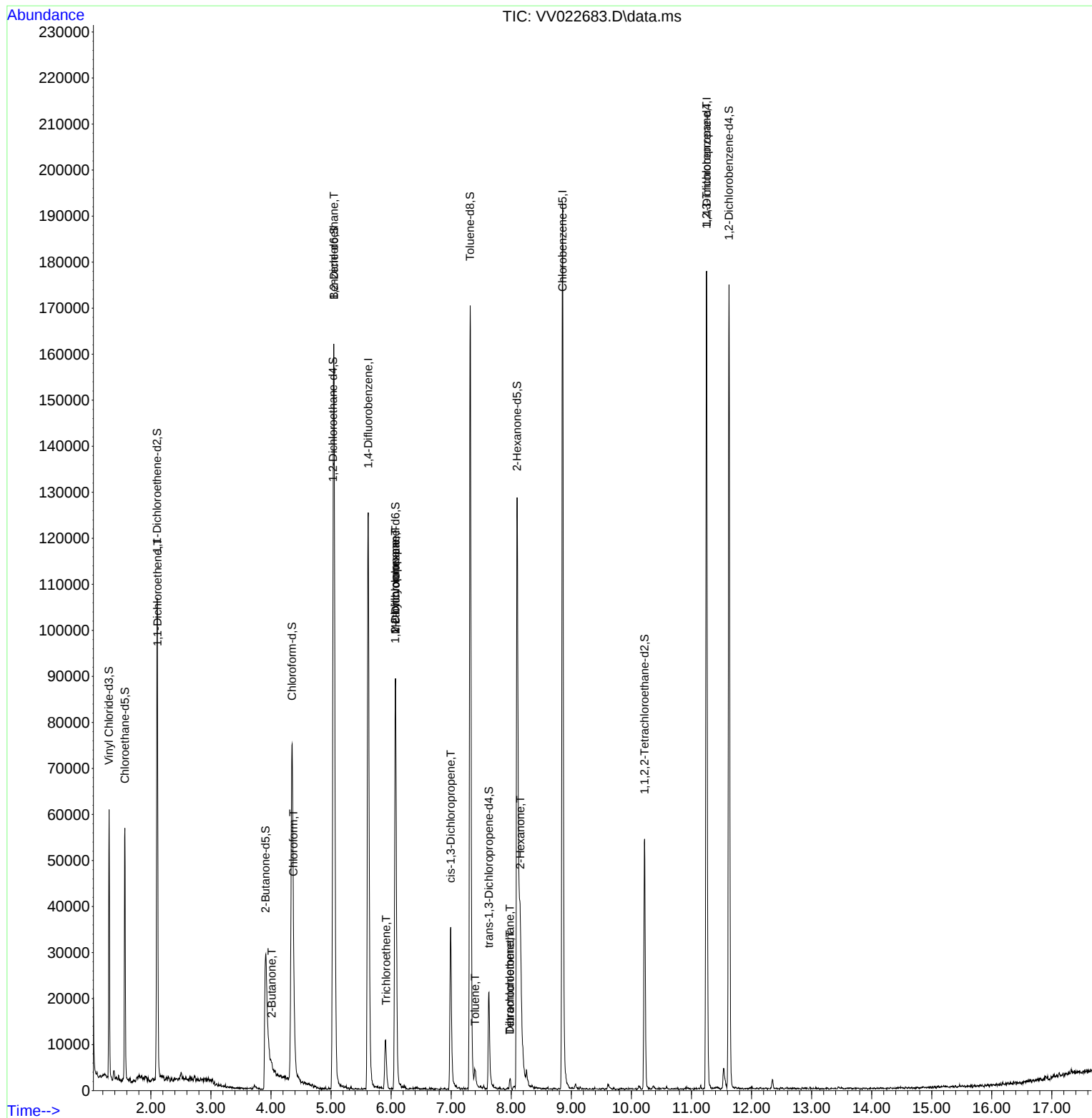
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	110646	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	112755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	49223	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35856	4.710	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.568	69	34036	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.105	63	52295	3.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	3.908	46	65615	32.872	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.740%
24) Chloroform-d	4.349	84	64873	4.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.034	65	34802	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.047	84	143962	4.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.072	67	43890	4.415	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.317	98	114502	3.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	7.628	79	12976	3.935	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.095	63	49670	37.377	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.760%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	26351	3.913	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	46960	5.146	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.111	96	549	0.082	ug/L #	1
21) 2-Butanone	4.011	43	2256	1.238	ug/L	95
25) Chloroform	4.375	83	9945	0.655	ug/L	99
27) 1,2-Dichloroethane	5.047	62	895	0.118	ug/L #	69
34) Trichloroethene	5.915	95	566	0.069	ug/L #	71
35) Methylcyclohexane	6.072	83	11012	0.952	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	4670	0.639	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	929	0.096	ug/L #	65
42) Toluene	7.397	91	2686	0.087	ug/L	86
47) Tetrachloroethene	7.979	164	714	0.107	ug/L	84
48) 2-Hexanone	8.149	43	15844	5.522	ug/L #	87
49) Dibromochloromethane	7.979	129	476	0.075	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	5555	1.624	ug/L #	62

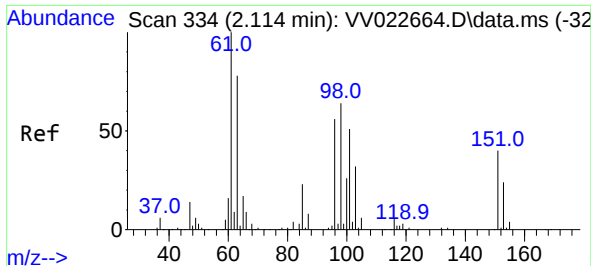
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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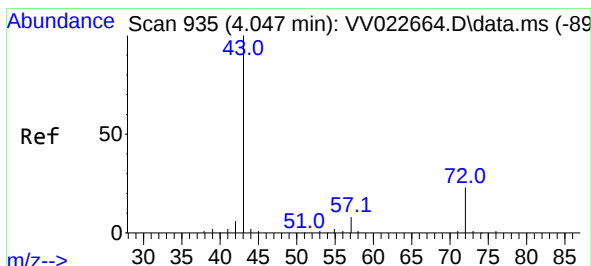
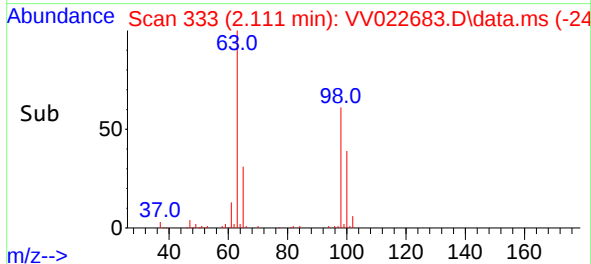
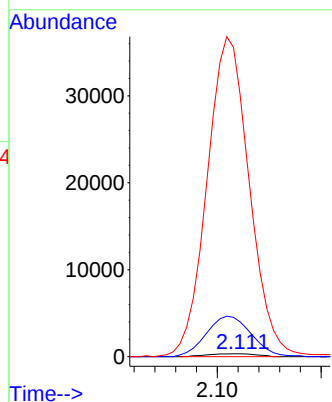
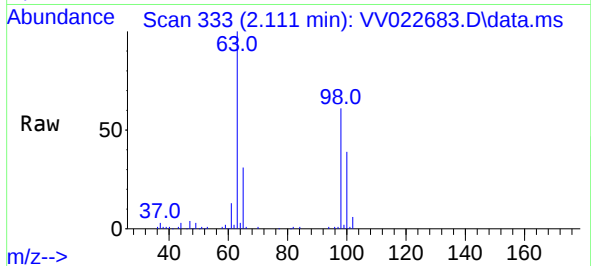




#12
1,1-Dichloroethene
Concen: 0.082 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV022683.D
Acq: 07 Oct 2021 23:28

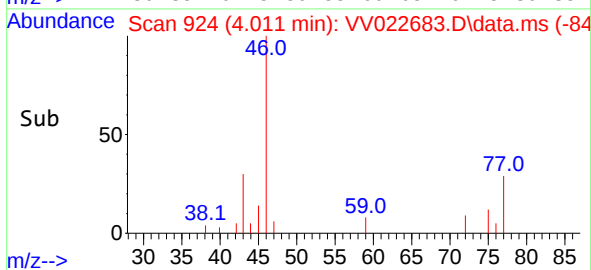
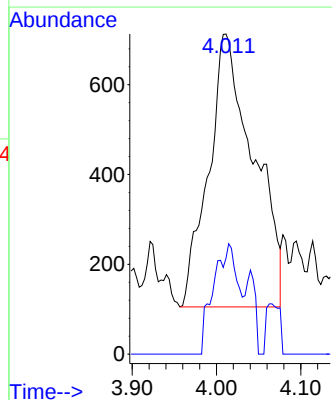
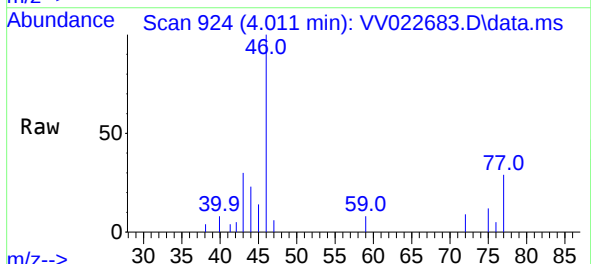
Instrument :
MSVOA_V
ClientSampled :

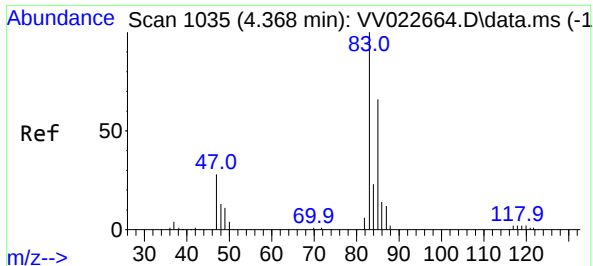
Tgt Ion: 96 Resp: 549
Ion Ratio Lower Upper
96 100
61 1199.4 127.3 236.5#
63 9044.3 106.2 197.2#



#21
2-Butanone
Concen: 1.238 ug/L
RT: 4.011 min Scan# 924
Delta R.T. -0.035 min
Lab File: VV022683.D
Acq: 07 Oct 2021 23:28

Tgt Ion: 43 Resp: 2256
Ion Ratio Lower Upper
43 100
72 21.9 12.3 36.8



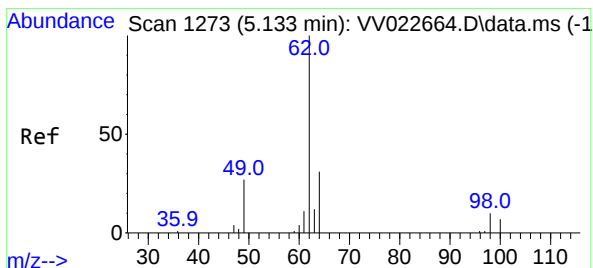
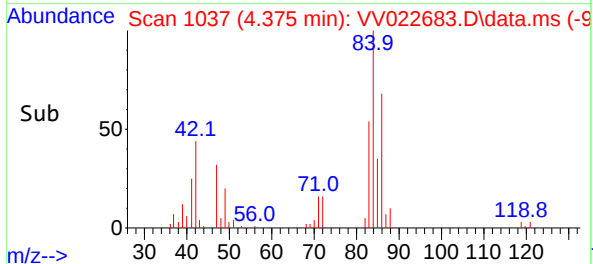
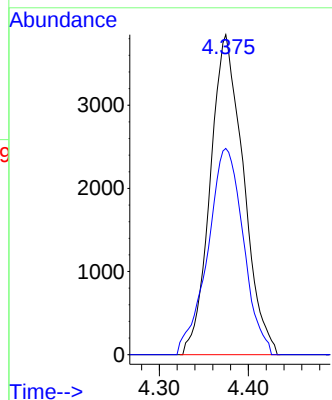
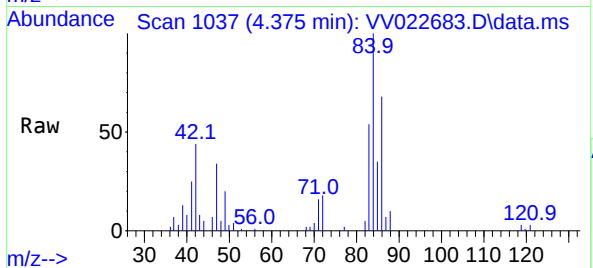


#25

Chloroform
 Concen: 0.655 ug/L
 RT: 4.375 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VV022683.D
 Acq: 07 Oct 2021 23:28

Instrument :
 MSVOA_V
 ClientSampled :

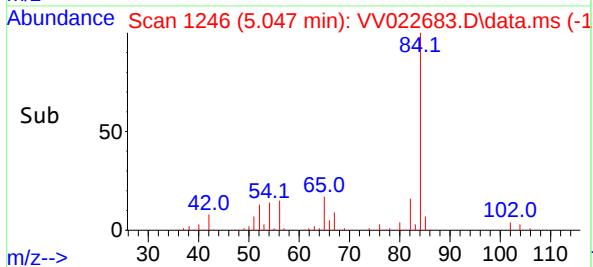
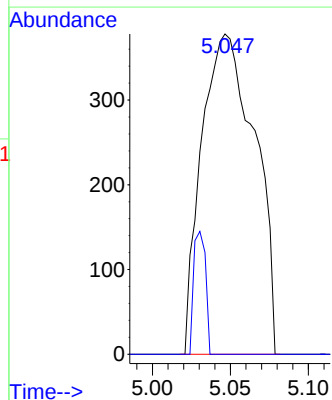
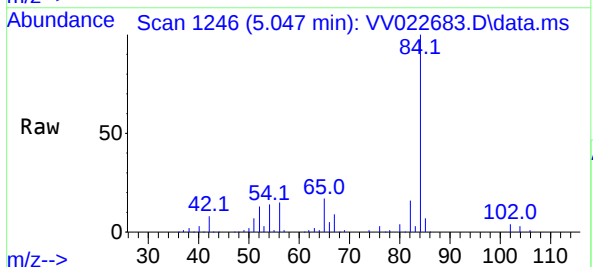
Tgt Ion: 83 Resp: 9945
 Ion Ratio Lower Upper
 83 100
 85 64.5 45.7 84.9

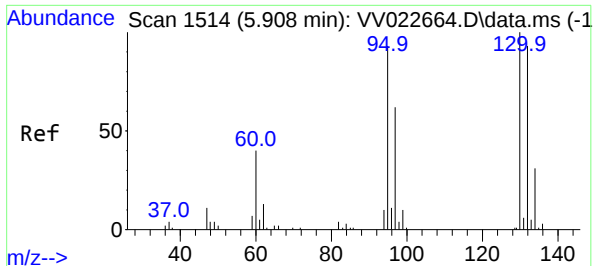


#27

1,2-Dichloroethane
 Concen: 0.118 ug/L
 RT: 5.047 min Scan# 1246
 Delta R.T. -0.087 min
 Lab File: VV022683.D
 Acq: 07 Oct 2021 23:28

Tgt Ion: 62 Resp: 895
 Ion Ratio Lower Upper
 62 100
 98 0.0 9.7 14.5#





#34

Trichloroethene

Concen: 0.069 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VV022683.D

Acq: 07 Oct 2021 23:28

Tgt Ion: 95 Resp: 566

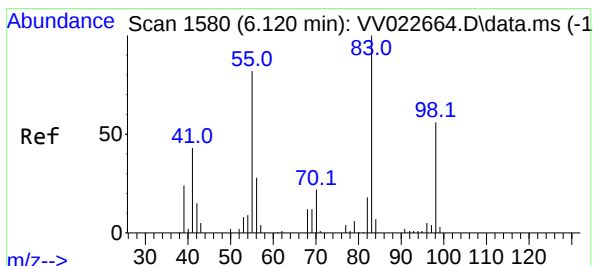
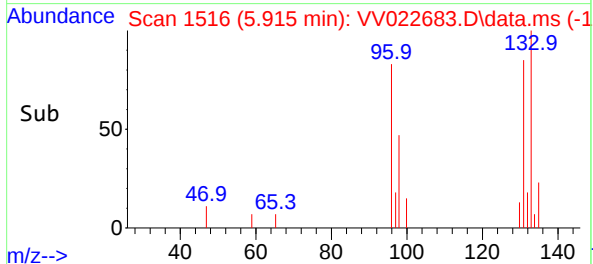
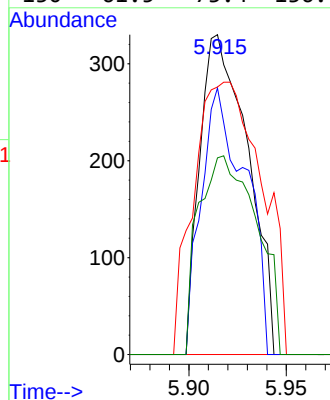
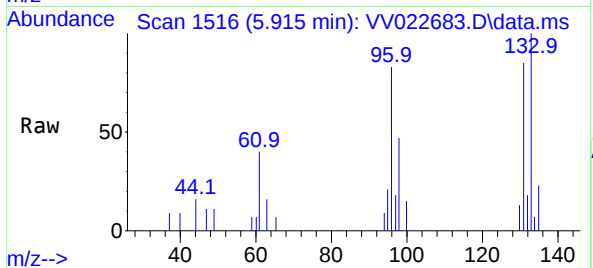
Ion Ratio Lower Upper

95 100

97 83.3 45.8 85.2

132 83.6 72.2 134.0

130 61.5 73.4 136.4#



#35

Methylcyclohexane

Concen: 0.952 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.048 min

Lab File: VV022683.D

Acq: 07 Oct 2021 23:28

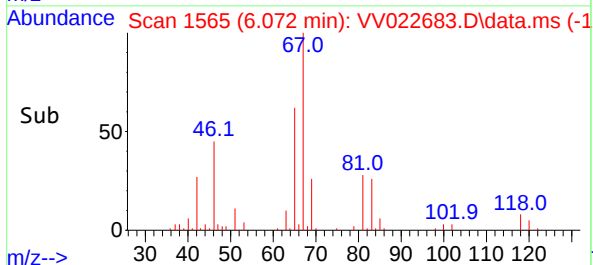
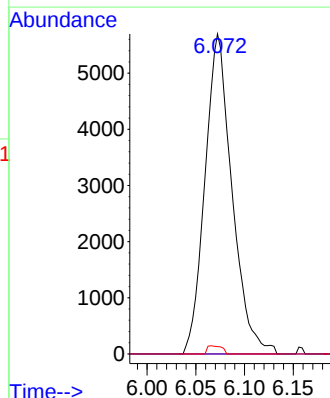
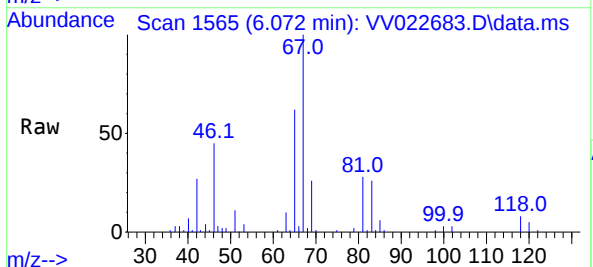
Tgt Ion: 83 Resp: 11012

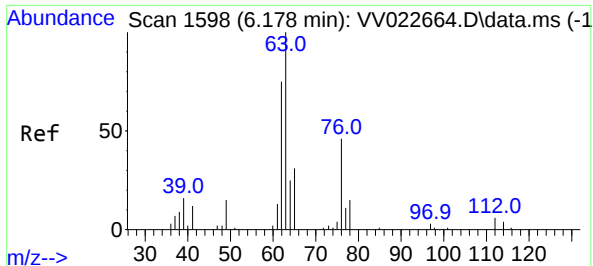
Ion Ratio Lower Upper

83 100

55 0.0 63.8 95.6#

98 1.4 42.1 63.1#

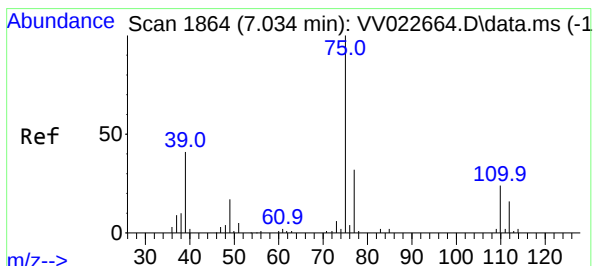
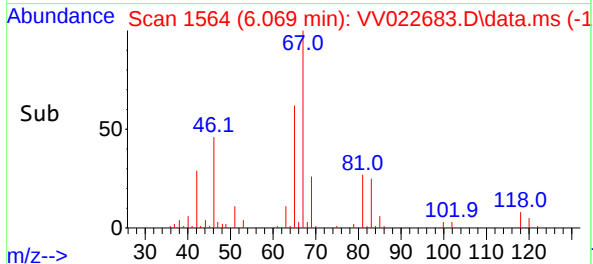
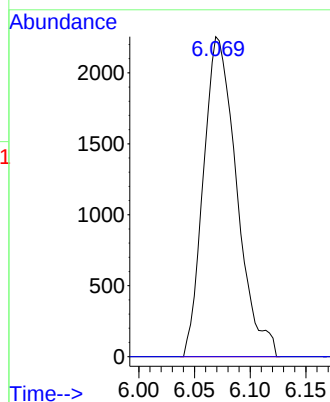
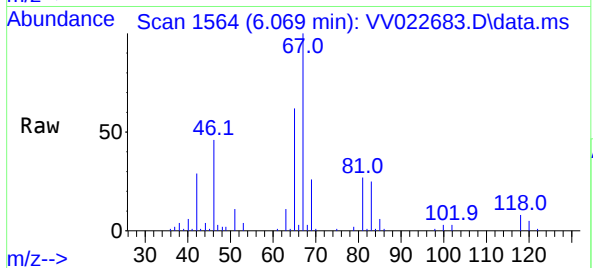




#37
1,2-Dichloropropane
Concen: 0.639 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.109 min
Lab File: VV022683.D
Acq: 07 Oct 2021 23:28

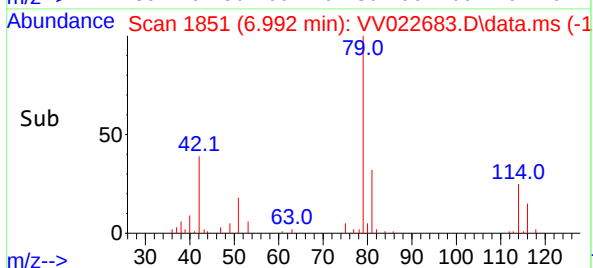
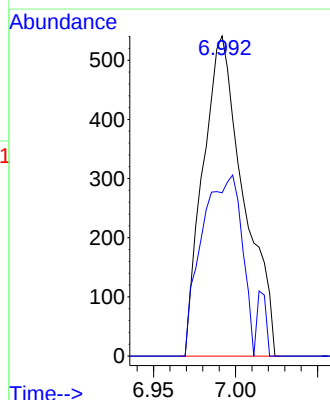
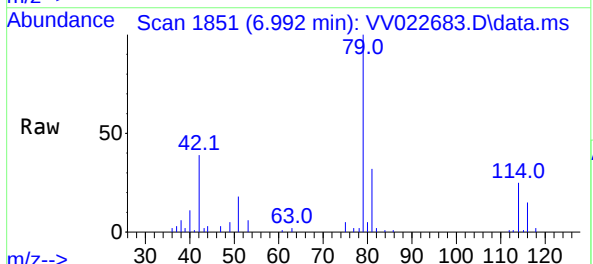
Instrument :
MSVOA_V
ClientSampled :

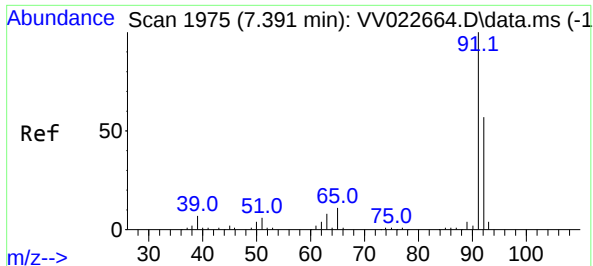
Tgt Ion: 63 Resp: 4670
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.042 min
Lab File: VV022683.D
Acq: 07 Oct 2021 23:28

Tgt Ion: 75 Resp: 929
Ion Ratio Lower Upper
75 100
77 51.0 22.3 41.3#

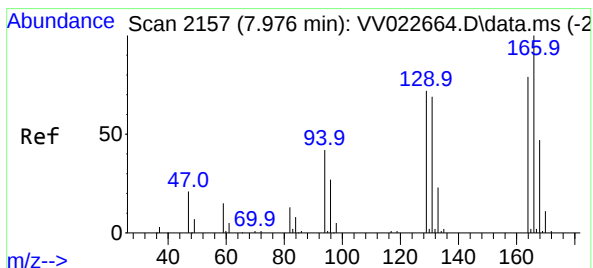
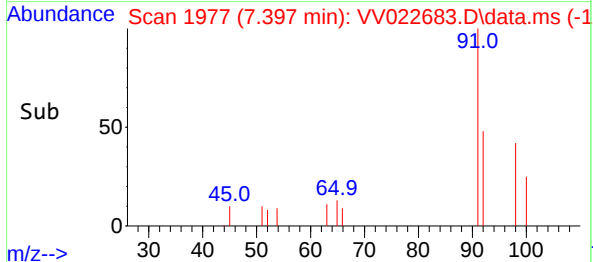
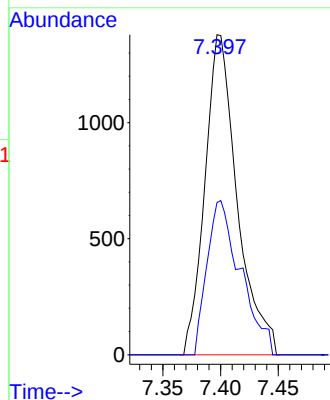
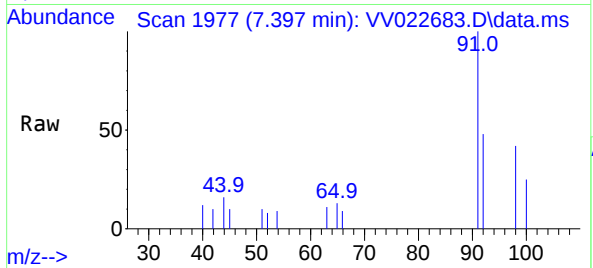




#42
Toluene
Concen: 0.087 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV022683.D
Acq: 07 Oct 2021 23:28

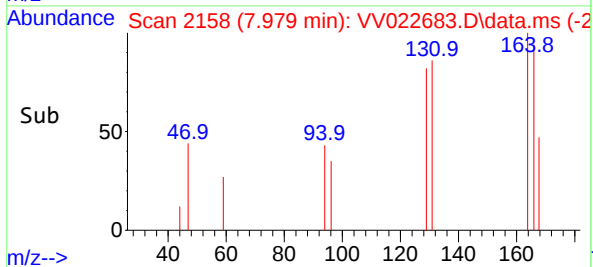
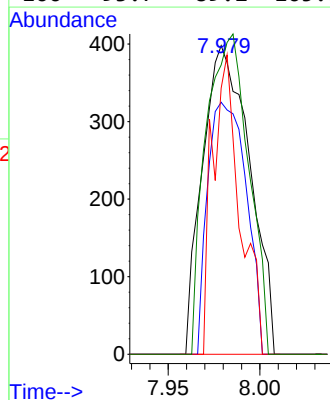
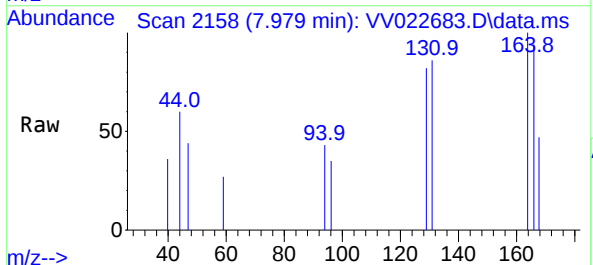
Instrument :
MSVOA_V
ClientSampled :

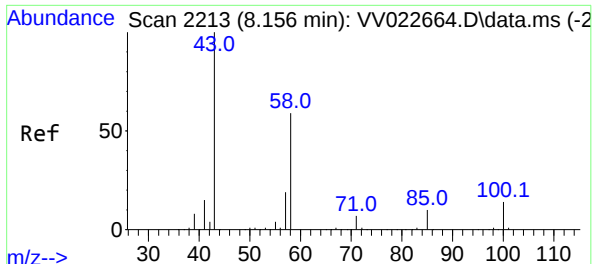
Tgt Ion: 91 Resp: 2686
Ion Ratio Lower Upper
91 100
92 47.6 40.7 75.7



#47
Tetrachloroethene
Concen: 0.107 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022683.D
Acq: 07 Oct 2021 23:28

Tgt Ion: 164 Resp: 714
Ion Ratio Lower Upper
164 100
129 81.7 65.0 120.6
131 86.2 62.2 115.4
166 93.7 89.2 165.8



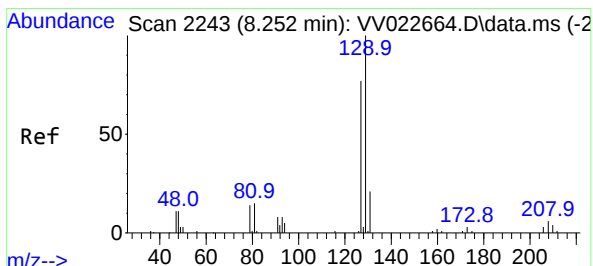
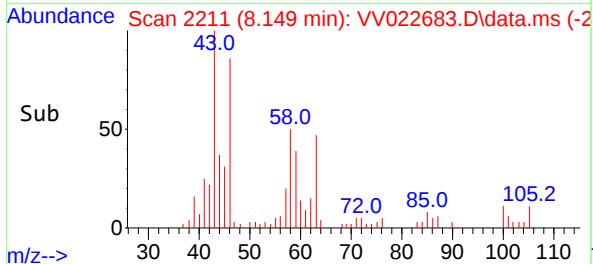
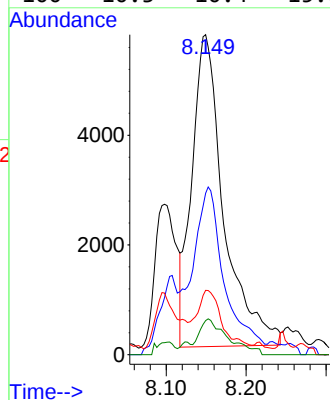
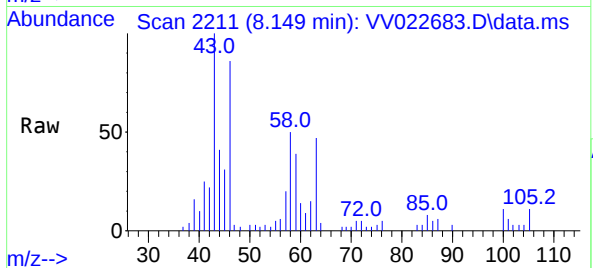


#48
2-Hexanone
Concen: 5.522 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. -0.006 min
Lab File: VV022683.D
Acq: 07 Oct 2021 23:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 15844

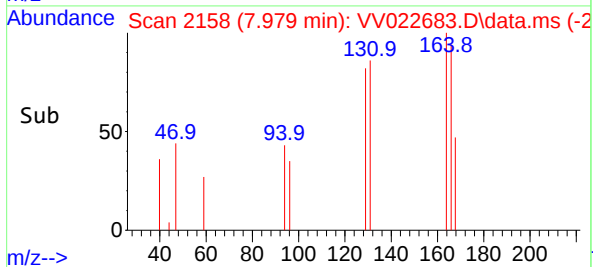
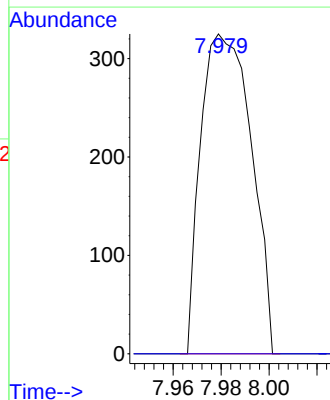
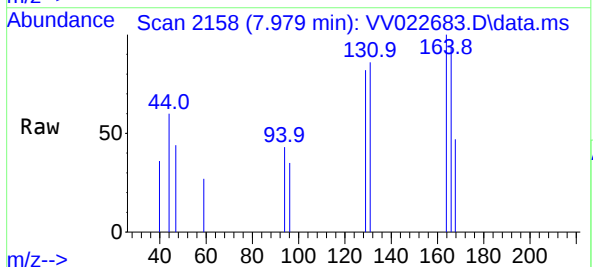
Ion	Ratio	Lower	Upper
43	100		
58	45.7	47.4	71.0#
57	17.6	15.3	22.9
100	10.3	10.4	15.6#

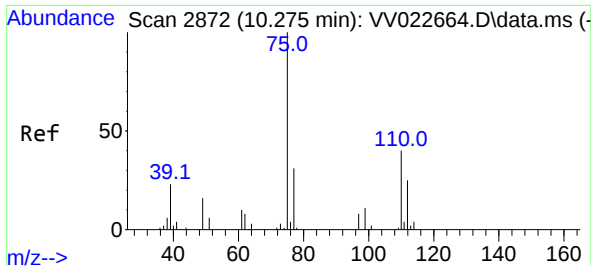


#49
Dibromochloromethane
Concen: 0.075 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.273 min
Lab File: VV022683.D
Acq: 07 Oct 2021 23:28

Tgt Ion: 129 Resp: 476

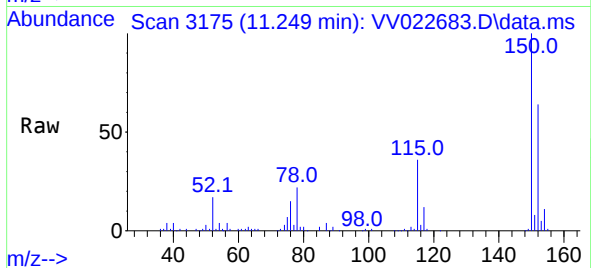
Ion	Ratio	Lower	Upper
129	100		
127	0.0	59.1	109.9#





#61
1,2,3-Trichloropropane
Concen: 1.624 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022683.D
Acq: 07 Oct 2021 23:28

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 5555
Ion Ratio Lower Upper
75 100
77 34.7 25.4 38.2
110 3.1 34.2 51.4#

