

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
 Data File : VV022680.D
 Acq On : 07 Oct 2021 22:16
 Operator : SY/MD
 Sample : M4052-06DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 04:04:55 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)

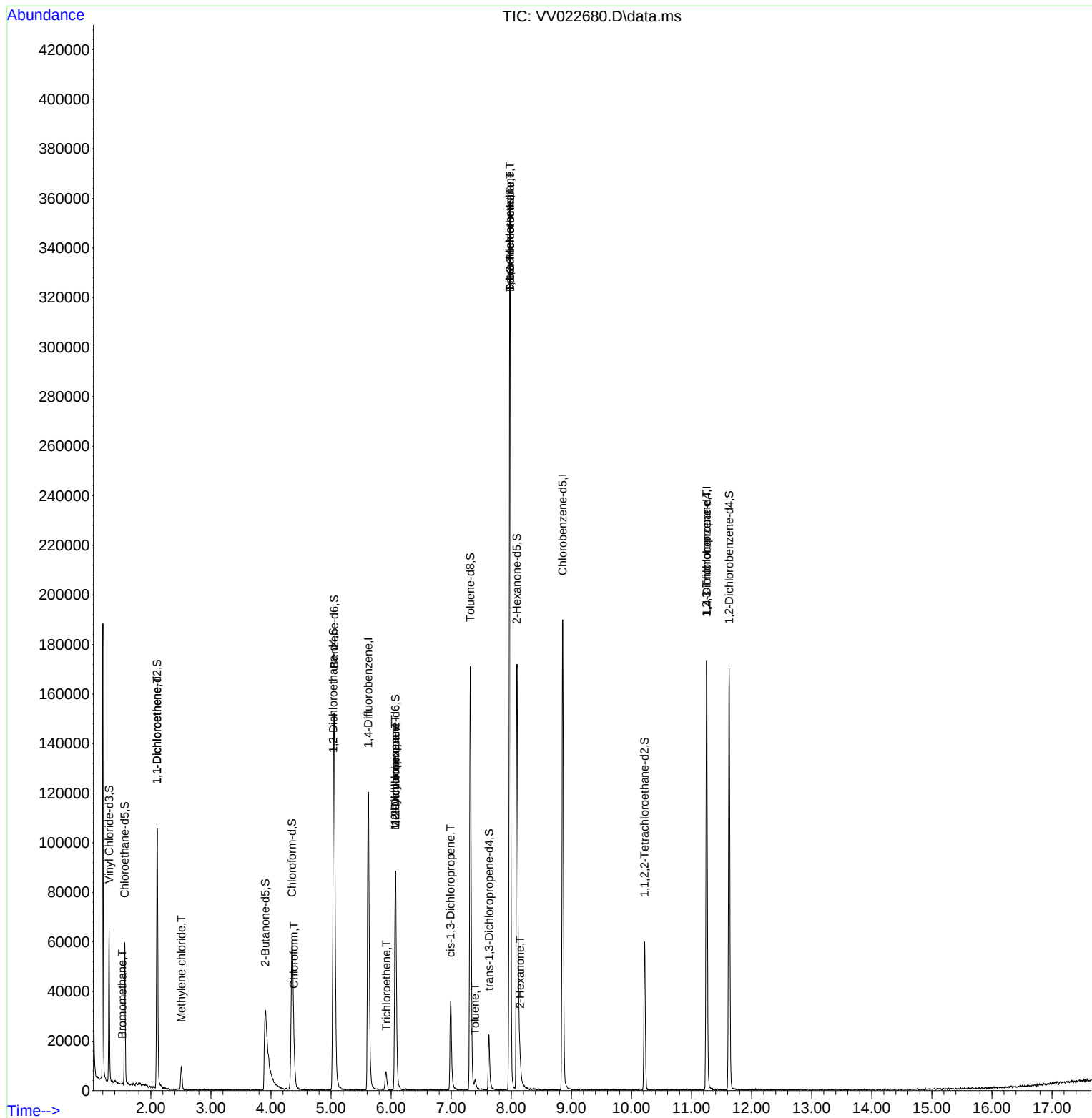
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	108630	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	108634	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	49989	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36310	4.858	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.564	69	34807	5.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.105	63	54466	3.715	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	3.905	46	84045	42.887	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.780%
24) Chloroform-d	4.349	84	63044	4.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.037	65	35337	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.050	84	139447	4.312	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.072	67	44787	4.676	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.317	98	115909	4.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	7.629	79	12712	4.001	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.092	63	58446	45.649	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28751	4.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	45529	4.912	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						Qvalue
6) Bromomethane	1.523	94	219	0.043	ug/L #	62
12) 1,1-Dichloroethene	2.105	96	539	0.082	ug/L #	1
16) Methylene chloride	2.507	84	3920	0.434	ug/L	94
25) Chloroform	4.381	83	11578	0.777	ug/L	97
34) Trichloroethene	5.921	95	876	0.110	ug/L	82
35) Methylcyclohexane	6.069	83	10419	0.935	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	4631	0.658	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1009	0.108	ug/L #	50
42) Toluene	7.397	91	2970	0.100	ug/L	92
45) 1,1,2-Trichloroethane	7.979	97	601	0.115	ug/L #	1
47) Tetrachloroethene	7.976	164	82692	12.851	ug/L	98
48) 2-Hexanone	8.146	43	4269	1.544	ug/L #	37
49) Dibromochloromethane	7.976	129	68070	11.136	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	5258	1.514	ug/L #	62

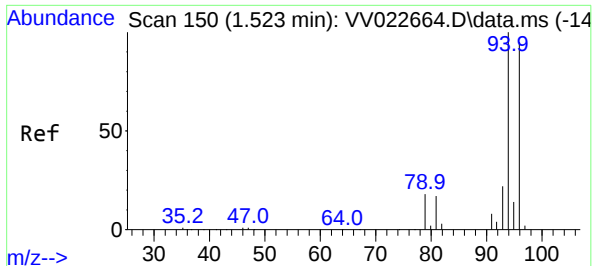
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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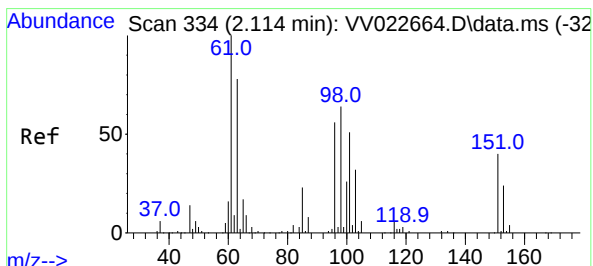
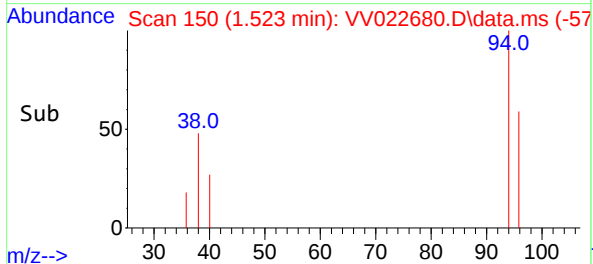
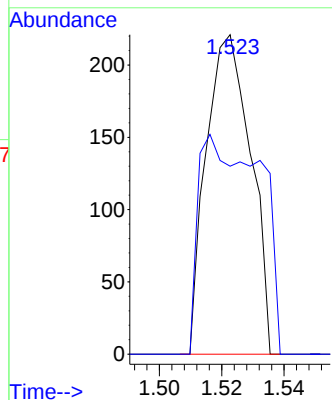
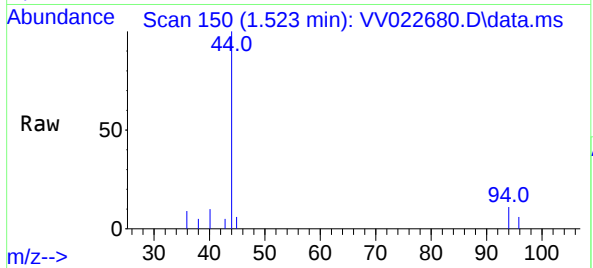




#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.000 min
Lab File: VV022680.D
Acq: 07 Oct 2021 22:16

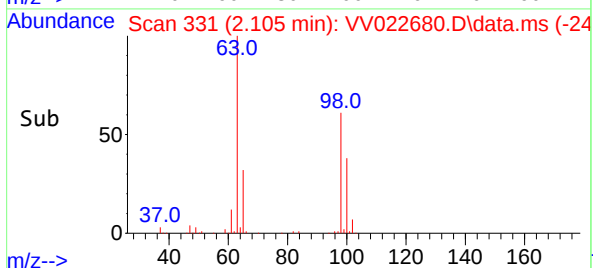
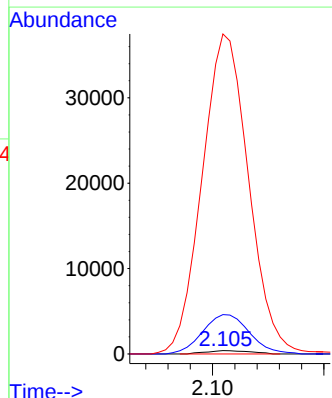
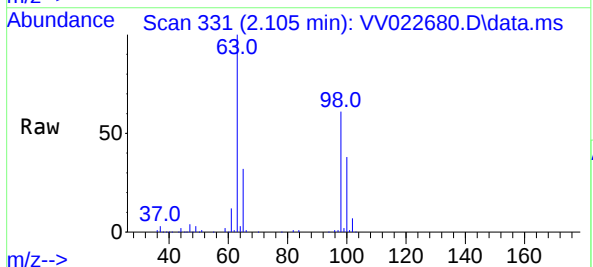
Instrument :
MSVOA_V
ClientSampled :

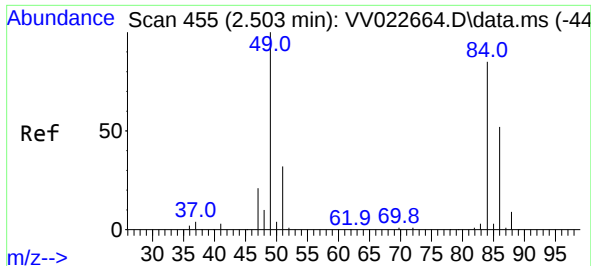
Tgt Ion: 94 Resp: 219
Ion Ratio Lower Upper
94 100
96 58.8 67.2 124.8#



#12
1,1-Dichloroethene
Concen: 0.082 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV022680.D
Acq: 07 Oct 2021 22:16

Tgt Ion: 96 Resp: 539
Ion Ratio Lower Upper
96 100
61 1192.2 127.3 236.5#
63 9709.8 106.2 197.2#

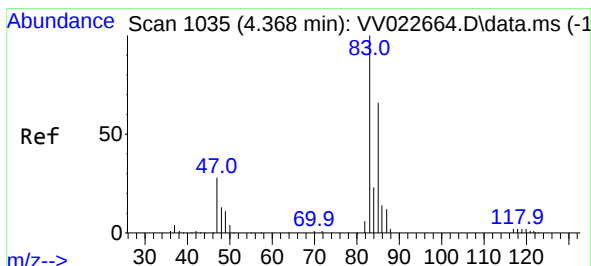
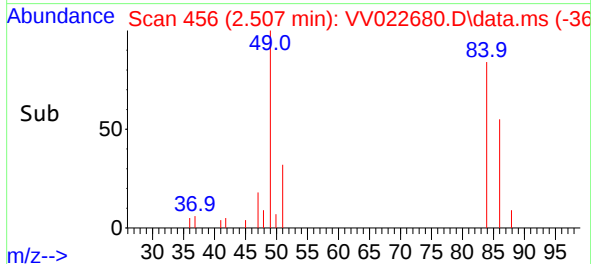
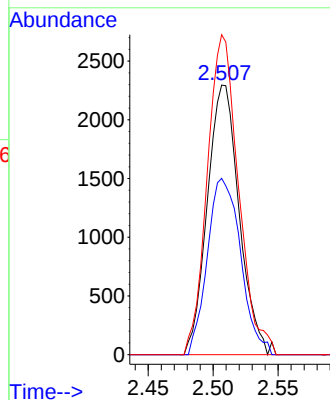
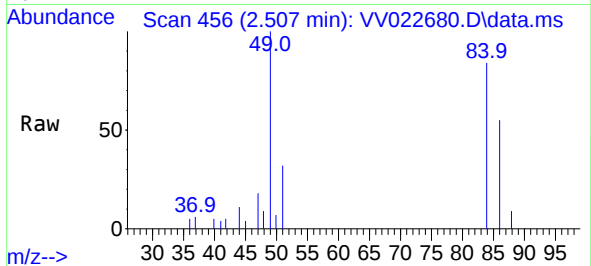




#16
Methylene chloride
Concen: 0.434 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022680.D
Acq: 07 Oct 2021 22:16

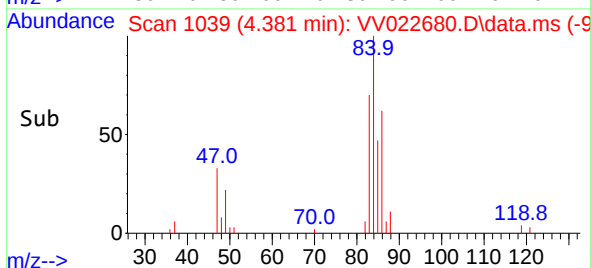
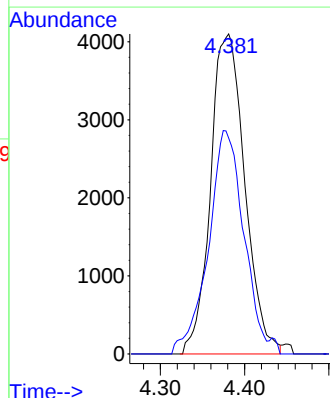
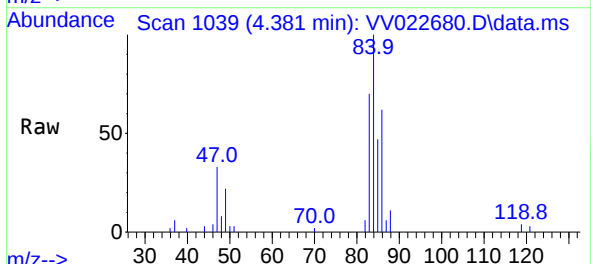
Instrument :
MSVOA_V
ClientSampled :

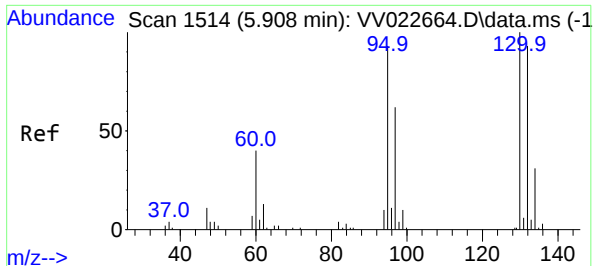
Tgt Ion: 84 Resp: 3920
Ion Ratio Lower Upper
84 100
86 65.4 45.8 85.2
49 118.7 90.3 167.7



#25
Chloroform
Concen: 0.777 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VV022680.D
Acq: 07 Oct 2021 22:16

Tgt Ion: 83 Resp: 11578
Ion Ratio Lower Upper
83 100
85 67.4 45.7 84.9

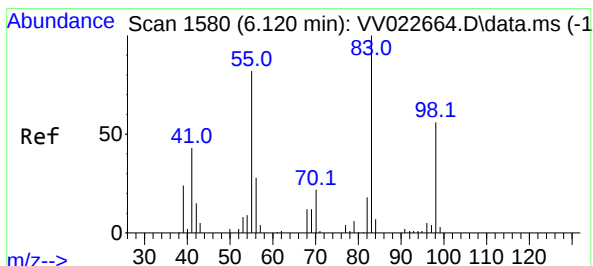
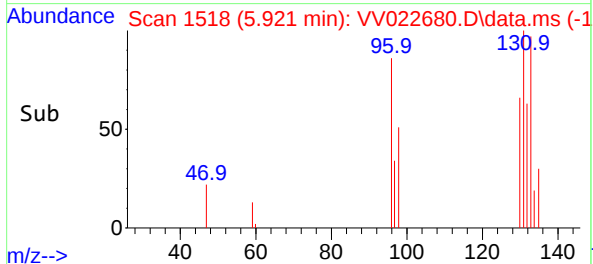
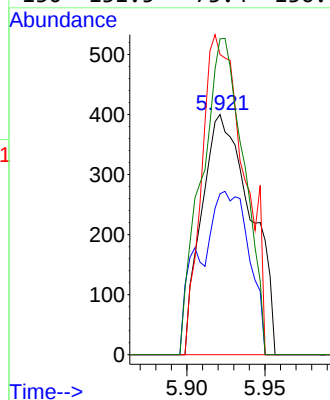
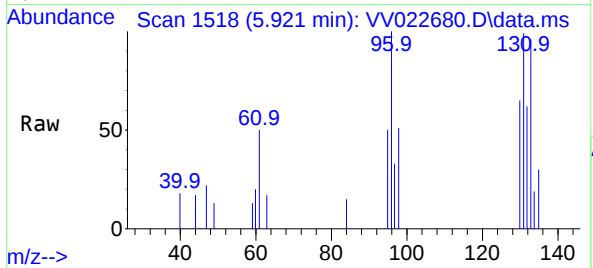




#34
Trichloroethene
Concen: 0.110 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.013 min
Lab File: VV022680.D
Acq: 07 Oct 2021 22:16

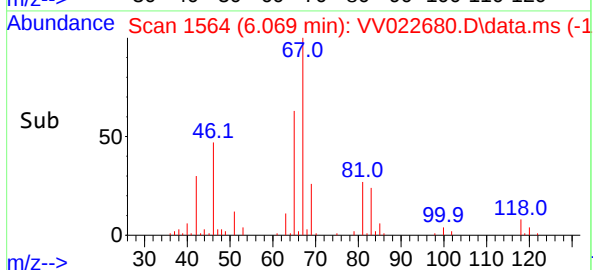
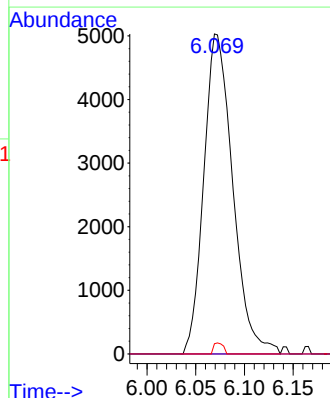
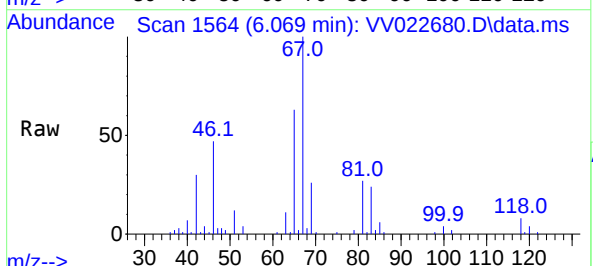
Instrument :
MSVOA_V
ClientSampled :

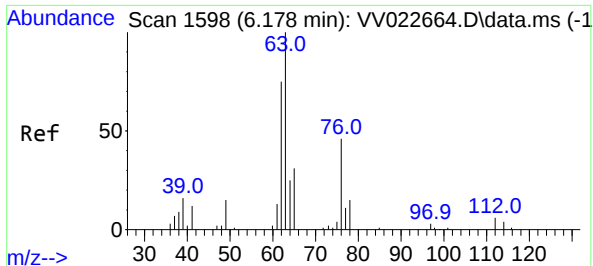
Tgt Ion: 95 Resp: 876
Ion Ratio Lower Upper
95 100
97 67.0 45.8 85.2
132 125.0 72.2 134.0
130 131.5 73.4 136.4



#35
Methylcyclohexane
Concen: 0.935 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.051 min
Lab File: VV022680.D
Acq: 07 Oct 2021 22:16

Tgt Ion: 83 Resp: 10419
Ion Ratio Lower Upper
83 100
55 0.0 63.8 95.6#
98 1.1 42.1 63.1#

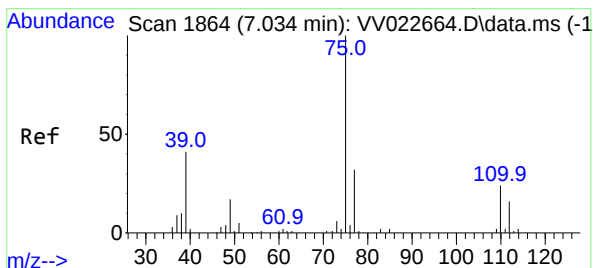
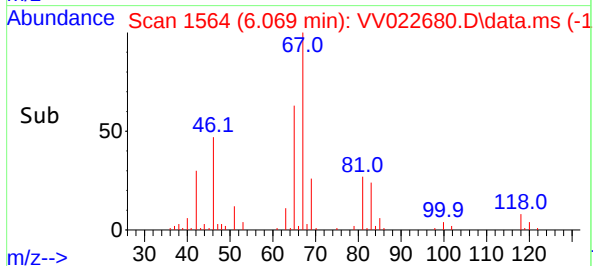
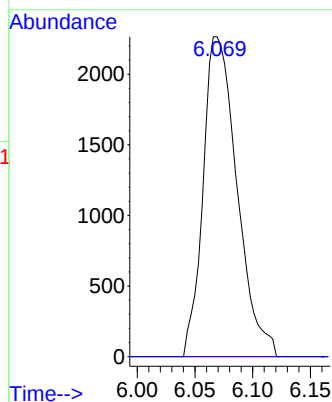
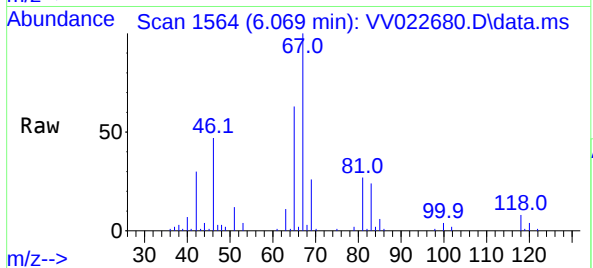




#37
1,2-Dichloropropane
Concen: 0.658 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.109 min
Lab File: VV022680.D
Acq: 07 Oct 2021 22:16

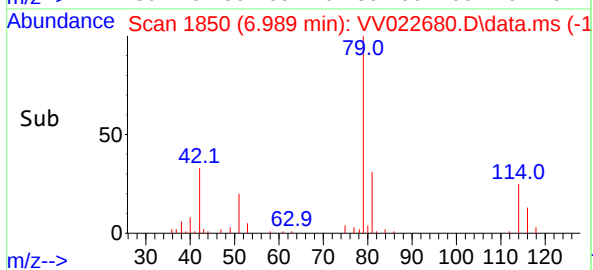
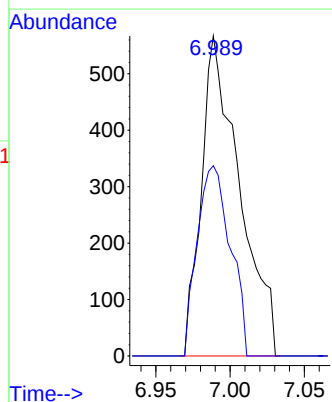
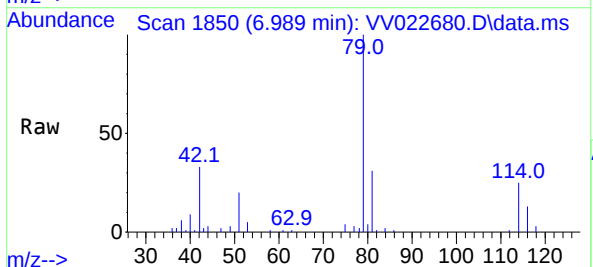
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MSVOA_V
ClientSampled :

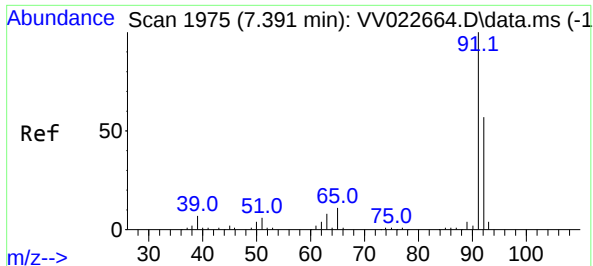
Tgt Ion: 63 Resp: 4631
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.045 min
Lab File: VV022680.D
Acq: 07 Oct 2021 22:16

Tgt Ion: 75 Resp: 1009
Ion Ratio Lower Upper
75 100
77 59.4 22.3 41.3#

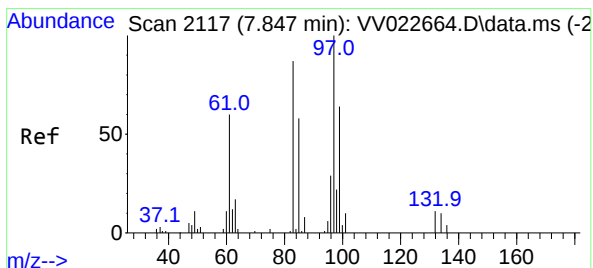
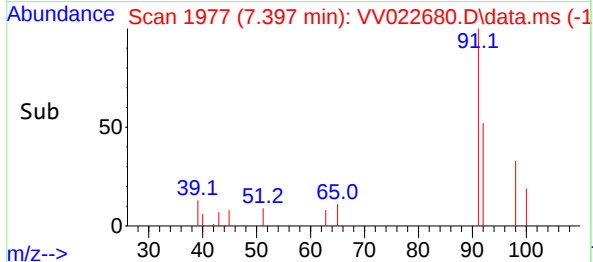
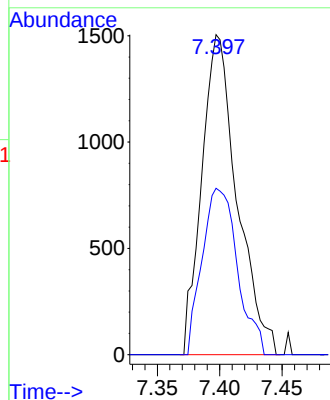
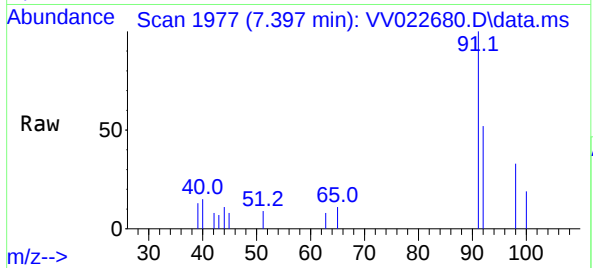




#42
Toluene
Concen: 0.100 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV022680.D
Acq: 07 Oct 2021 22:16

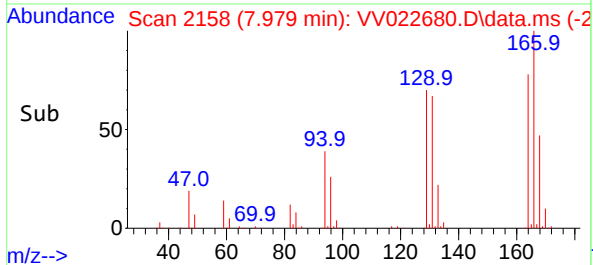
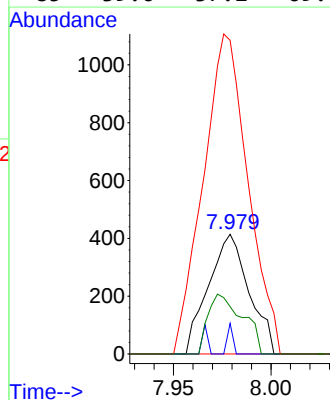
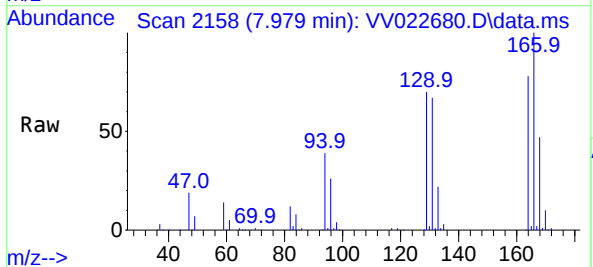
Instrument :
MSVOA_V
ClientSampled :

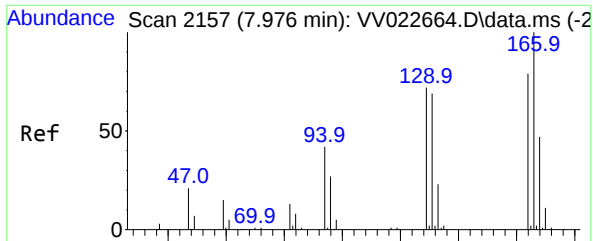
Tgt Ion: 91 Resp: 2970
Ion Ratio Lower Upper
91 100
92 52.0 40.7 75.7



#45
1,1,2-Trichloroethane
Concen: 0.115 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.132 min
Lab File: VV022680.D
Acq: 07 Oct 2021 22:16

Tgt Ion: 97 Resp: 601
Ion Ratio Lower Upper
97 100
99 25.6 44.5 82.7#
83 262.1 56.6 105.0#
85 39.6 37.2 69.0



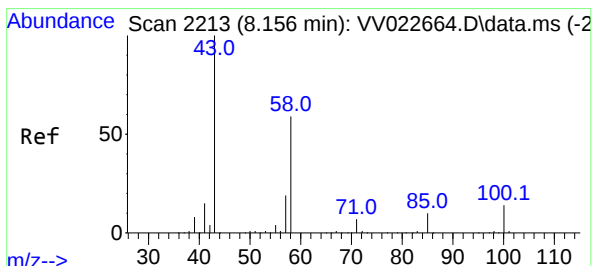
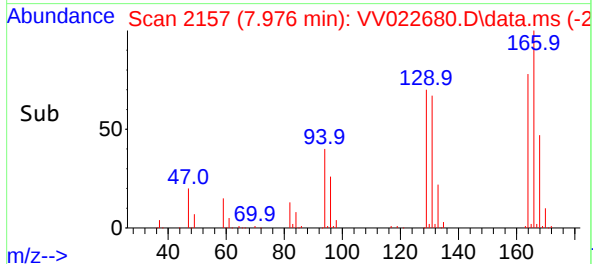
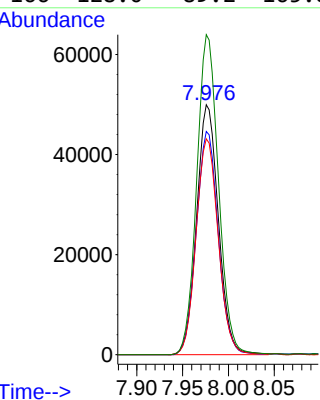
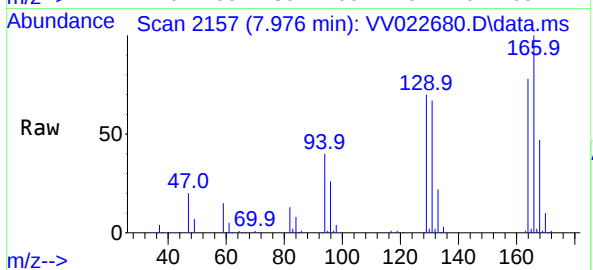


#47
Tetrachloroethene
Concen: 12.851 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022680.D
Acq: 07 Oct 2021 22:16

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:164 Resp: 82692

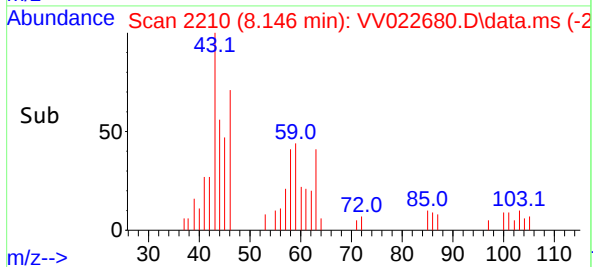
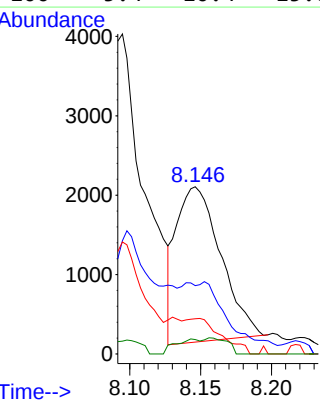
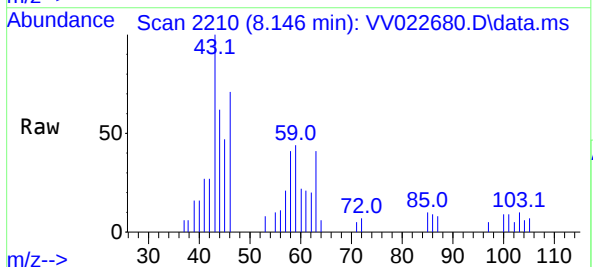
Ion	Ratio	Lower	Upper
164	100		
129	89.3	65.0	120.6
131	86.4	62.2	115.4
166	128.0	89.2	165.8

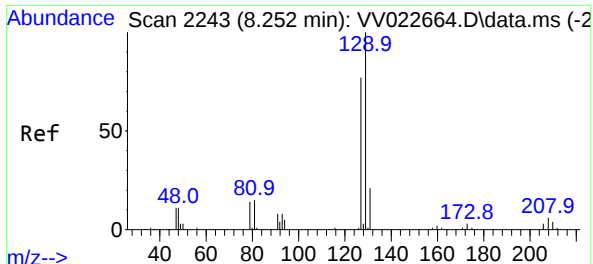


#48
2-Hexanone
Concen: 1.544 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. -0.010 min
Lab File: VV022680.D
Acq: 07 Oct 2021 22:16

Tgt Ion: 43 Resp: 4269

Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.4	71.0#
57	0.0	15.3	22.9#
100	5.4	10.4	15.6#





#49

Dibromochloromethane

Concen: 11.136 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.276 min

Lab File: VV022680.D

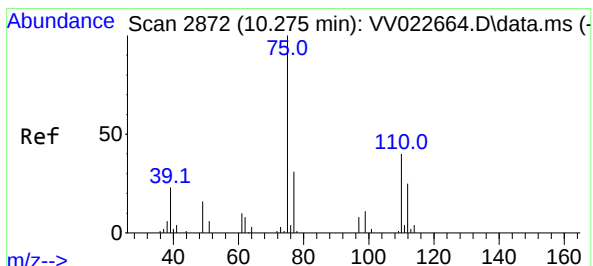
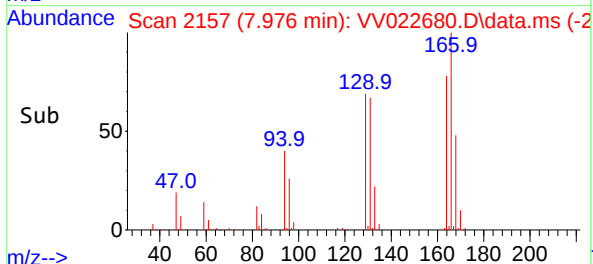
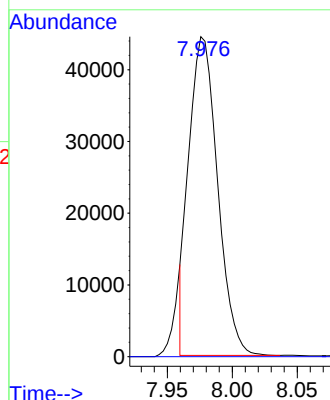
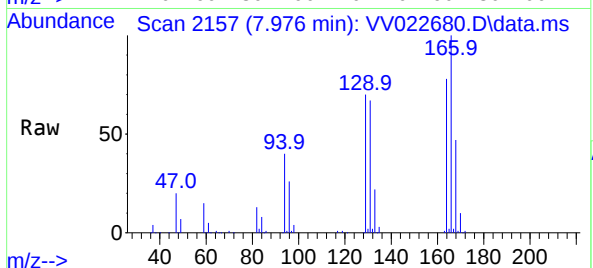
Acq: 07 Oct 2021 22:16

Tgt Ion:129 Resp: 68070

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.514 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022680.D

Acq: 07 Oct 2021 22:16

Tgt Ion: 75 Resp: 5258

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2

110 0.8 34.2 51.4#

