

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101421\
 Data File : VV022804.D
 Acq On : 14 Oct 2021 19:52
 Operator : SY/MD
 Sample : M4214-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JDGG7

Quant Time: Oct 15 02:01:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 15 01:58:00 2021
 Response via : Initial Calibration

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

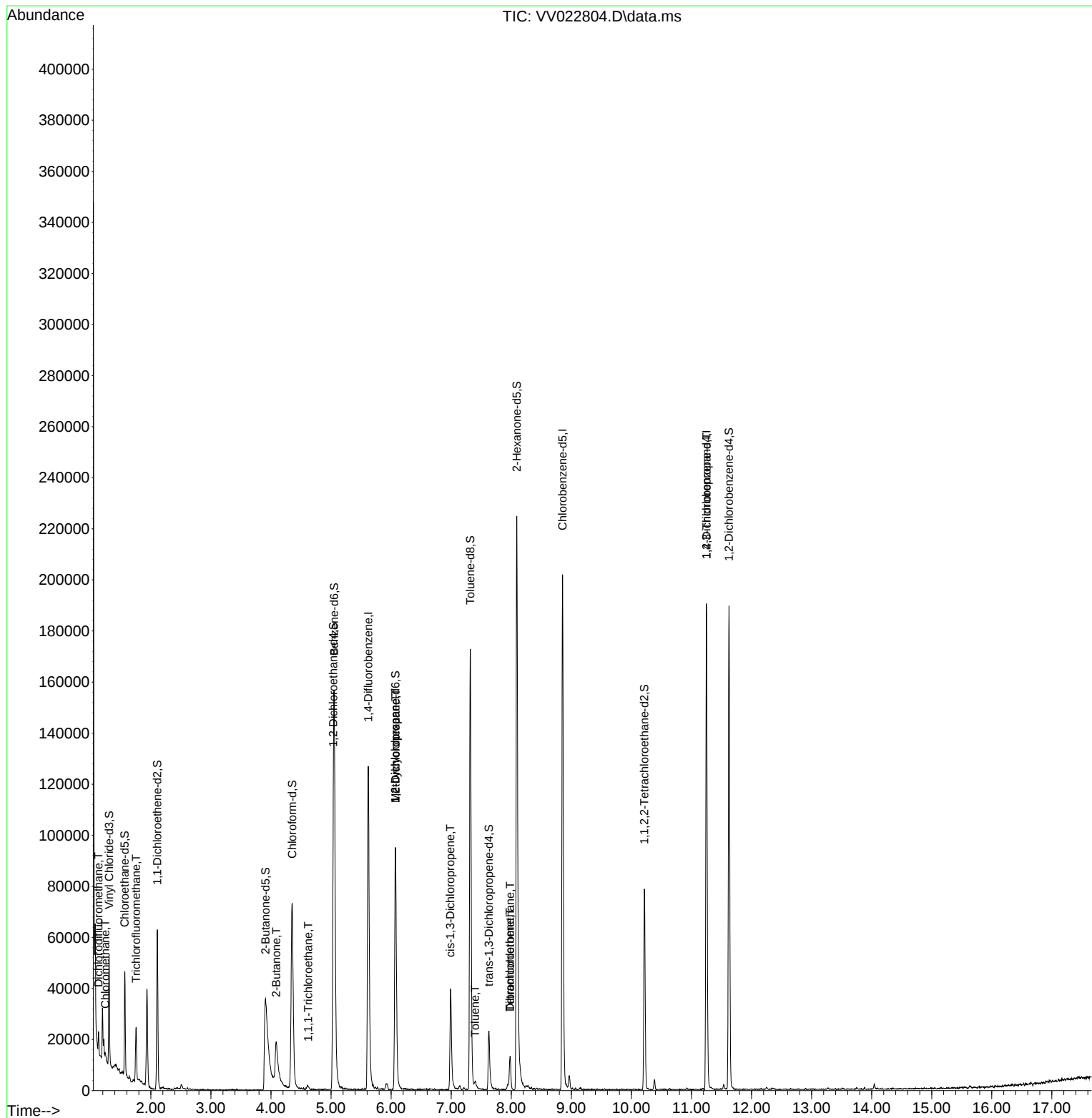
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	113597	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	115608	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51832	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	26871	3.438	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.564	69	26084	3.714	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	2.108	63	31473	2.053	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	41.000%#
20) 2-Butanone-d5	3.908	46	81501	39.770	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.540%
24) Chloroform-d	4.352	84	77216	4.794	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.037	65	38089	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.053	84	143199	4.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.072	67	48401	4.749	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.320	98	118633	3.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	7.628	79	14814	4.382	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.091	63	78979	57.965	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.920%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37171	5.384	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	49700	5.172	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	3944	0.476	ug/L	92
3) Chloromethane	1.243	50	1107	0.133	ug/L	92
9) Trichlorofluoromethane	1.754	101	11675	0.927	ug/L	98
21) 2-Butanone	4.088	43	34645	18.516	ug/L #	51
29) 1,1,1-Trichloroethane	4.619	97	1271	0.096	ug/L	94
35) Methylcyclohexane	6.072	83	11424	0.963	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	5427	0.725	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	1131	0.114	ug/L #	74
42) Toluene	7.400	91	2641	0.084	ug/L	79
47) Tetrachloroethene	7.979	164	3337	0.487	ug/L	90
49) Dibromochloromethane	7.982	129	3075	0.473	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	5235	1.454	ug/L #	60

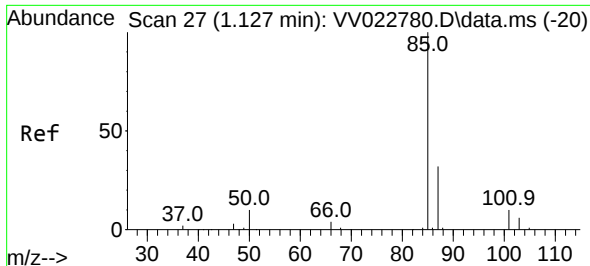
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101421\
Data File : VV022804.D
Acq On : 14 Oct 2021 19:52
Operator : SY/MD
Sample : M4214-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
JDGG7

Quant Time: Oct 15 02:01:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 15 01:58:00 2021
Response via : Initial Calibration

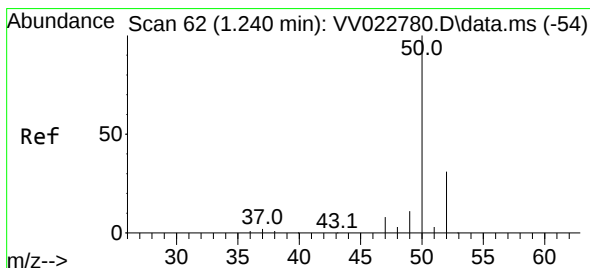
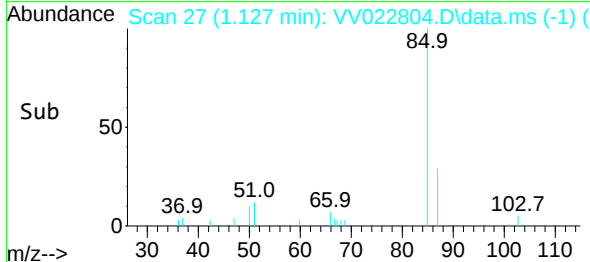
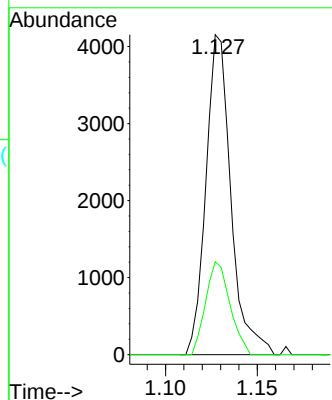
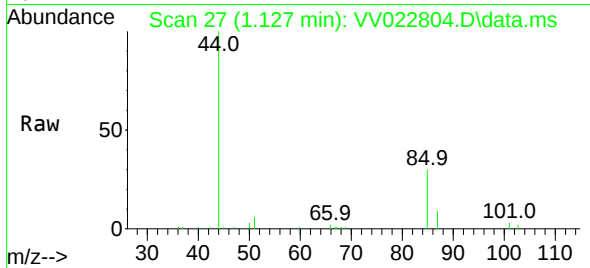




#2
 Dichlorodifluoromethane
 Concen: 0.476 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022804.D
 Acq: 14 Oct 2021 19:52

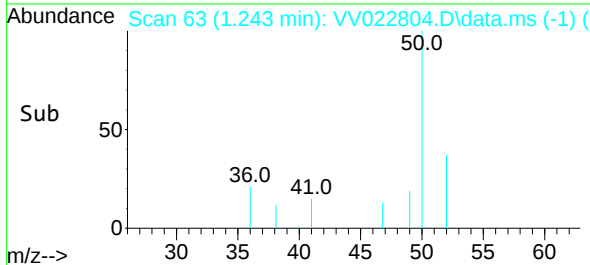
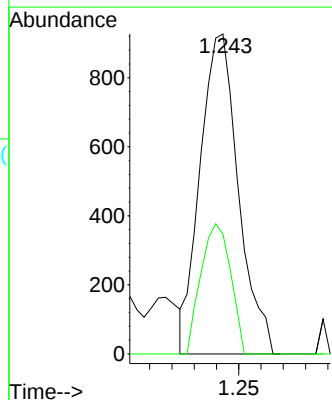
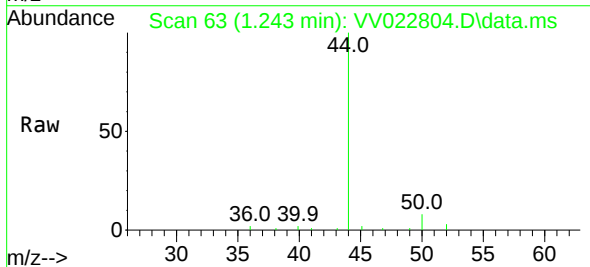
Instrument :
 MSVOA_V
 ClientSampled :
 JDGG7

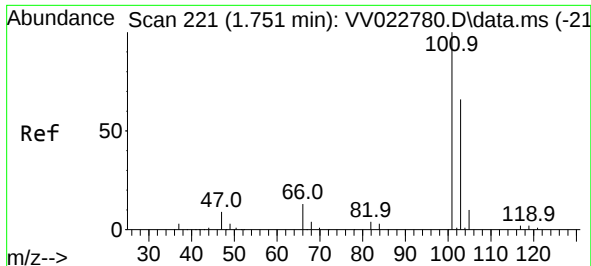
Tgt Ion:	85	Resp:	3944
Ion Ratio	Lower	Upper	
85	100		
87	28.2	26.3	39.5



#3
 Chloromethane
 Concen: 0.133 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV022804.D
 Acq: 14 Oct 2021 19:52

Tgt Ion:	50	Resp:	1107
Ion Ratio	Lower	Upper	
50	100		
52	37.4	22.9	42.5

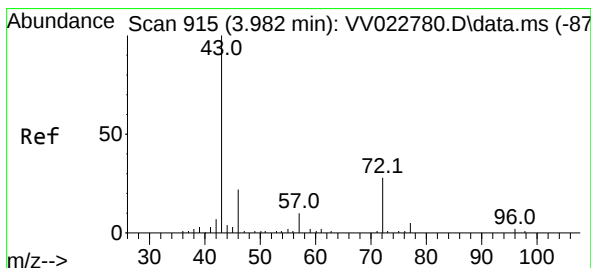
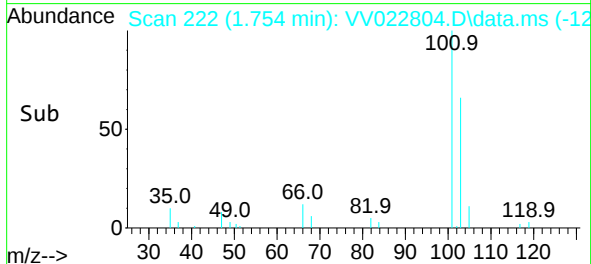
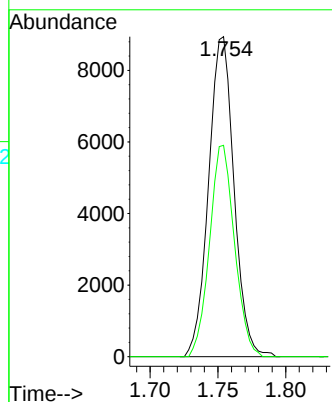
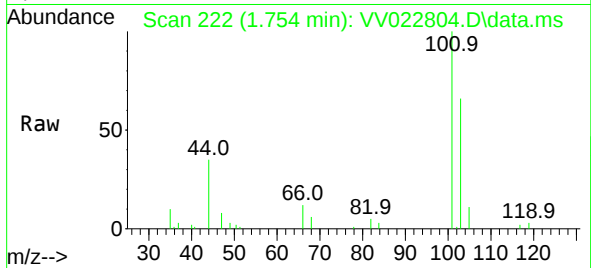




#9
Trichlorofluoromethane
Concen: 0.927 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV022804.D
Acq: 14 Oct 2021 19:52

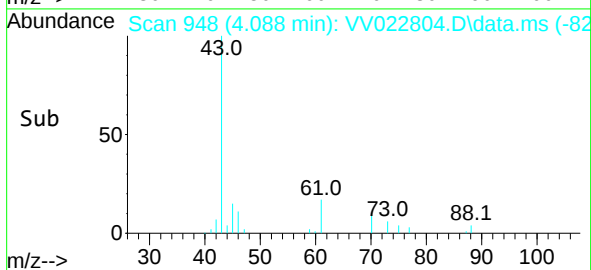
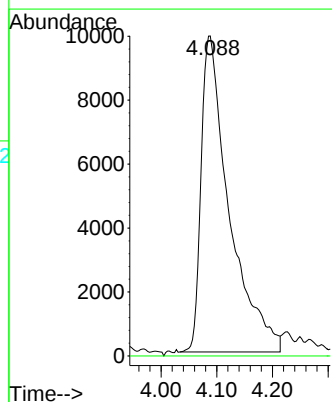
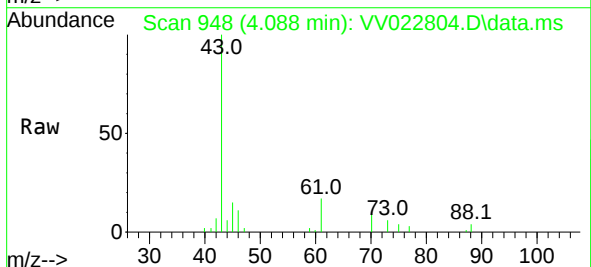
Instrument :
MSVOA_V
ClientSampled :
JDGG7

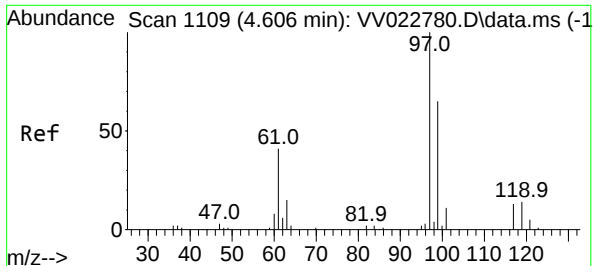
Tgt Ion:101 Resp: 11675
Ion Ratio Lower Upper
101 100
103 64.8 50.3 75.5



#21
2-Butanone
Concen: 18.516 ug/L
RT: 4.088 min Scan# 948
Delta R.T. 0.106 min
Lab File: VV022804.D
Acq: 14 Oct 2021 19:52

Tgt Ion: 43 Resp: 34645
Ion Ratio Lower Upper
43 100
72 0.0 12.3 36.8#





#29

1,1,1-Trichloroethane

Concen: 0.096 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. 0.013 min

Lab File: VV022804.D

Acq: 14 Oct 2021 19:52

Tgt Ion: 97 Resp: 1271

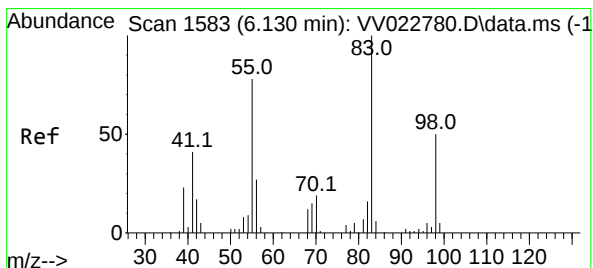
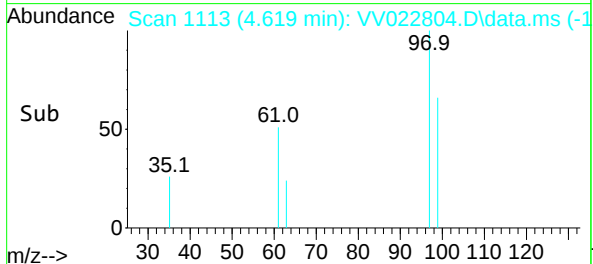
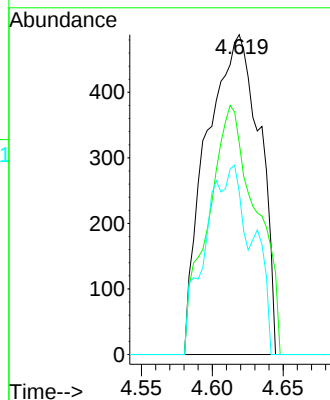
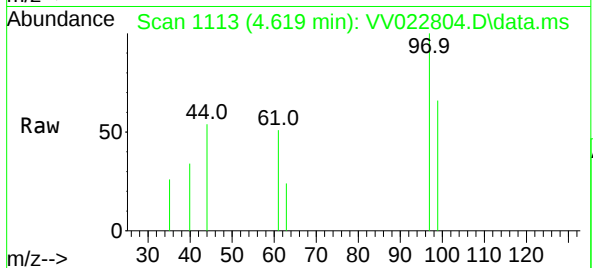
Ion	Ratio	Lower	Upper
97	100		
99	70.7	51.2	76.8
61	43.0	33.2	49.8

Instrument :

MSVOA_V

ClientSampled :

JDGG7



#35

Methylcyclohexane

Concen: 0.963 ug/L

RT: 6.072 min Scan# 1565

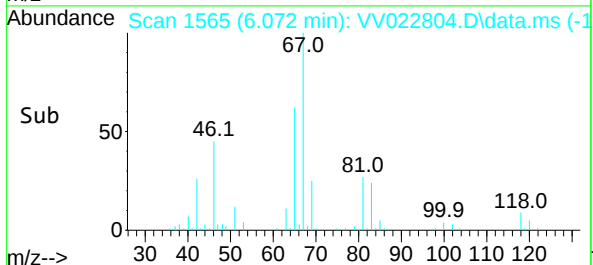
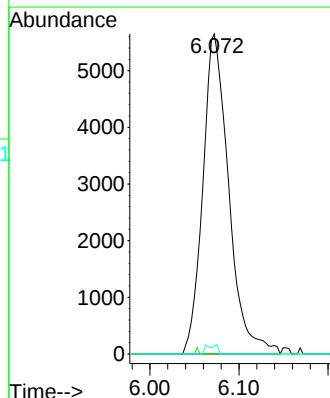
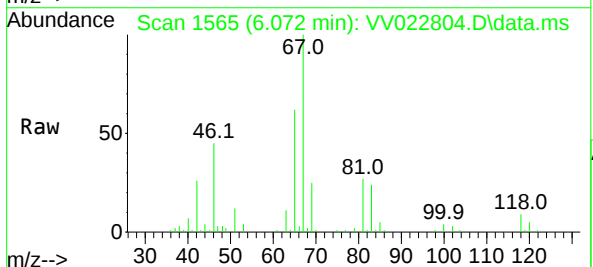
Delta R.T. -0.058 min

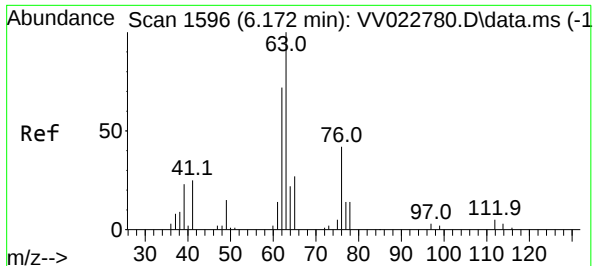
Lab File: VV022804.D

Acq: 14 Oct 2021 19:52

Tgt Ion: 83 Resp: 11424

Ion	Ratio	Lower	Upper
83	100		
55	0.2	63.8	95.6#
98	1.2	42.1	63.1#





#37

1,2-Dichloropropane

Concen: 0.725 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV022804.D

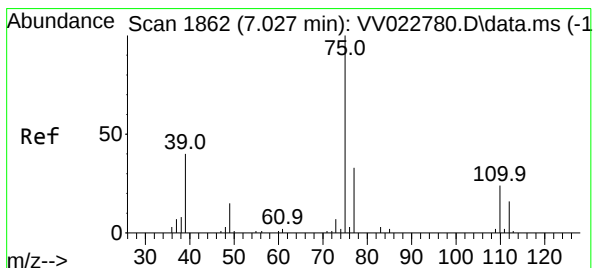
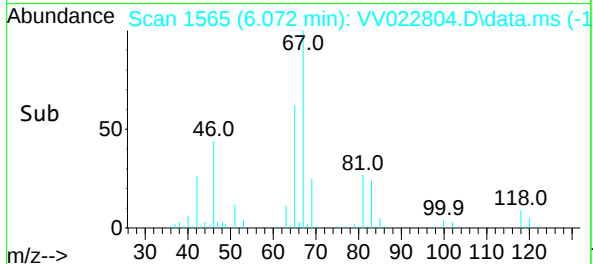
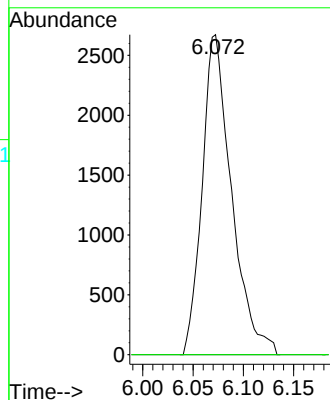
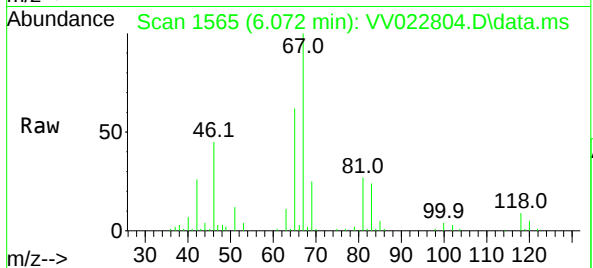
Acq: 14 Oct 2021 19:52

Tgt Ion: 63 Resp: 5427

Ion Ratio Lower Upper

63 100

112 0.0 4.4 6.6#



#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV022804.D

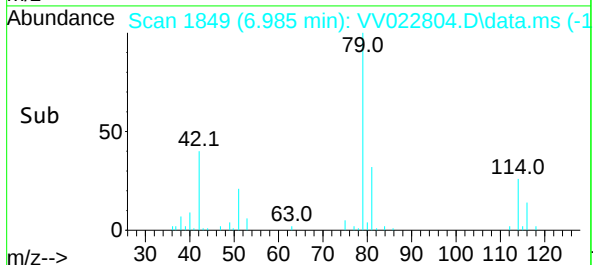
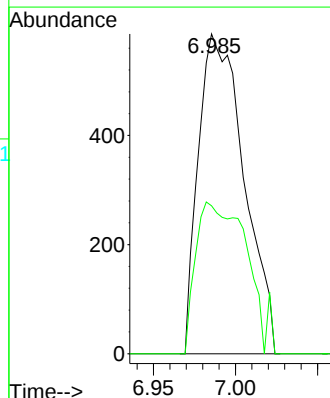
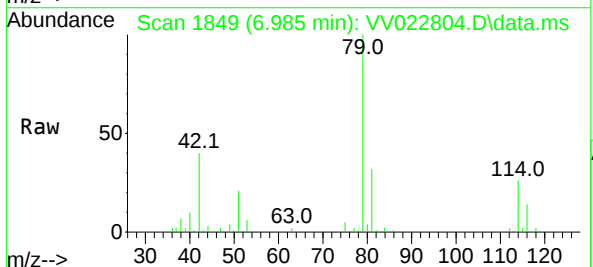
Acq: 14 Oct 2021 19:52

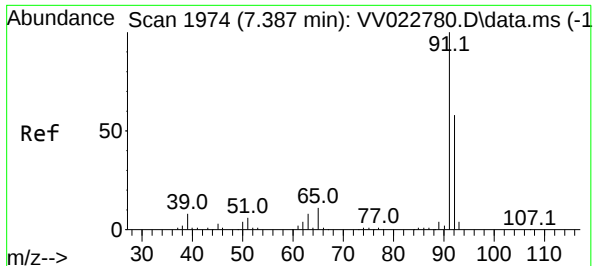
Tgt Ion: 75 Resp: 1131

Ion Ratio Lower Upper

75 100

77 46.2 22.3 41.3#

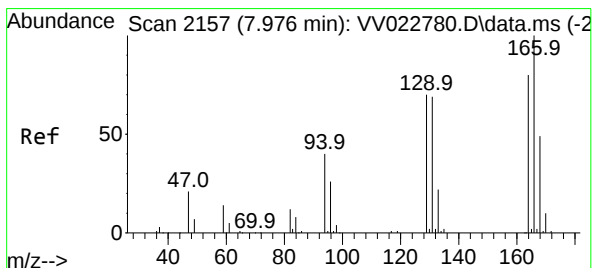
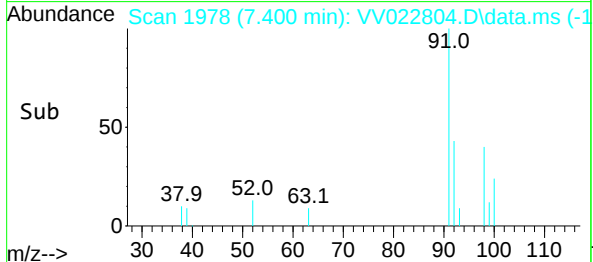
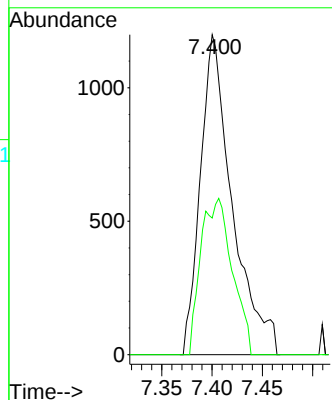
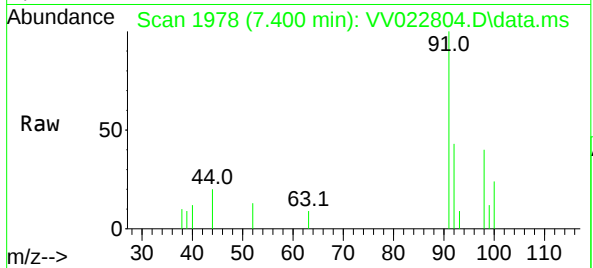




#42
Toluene
Concen: 0.084 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV022804.D
Acq: 14 Oct 2021 19:52

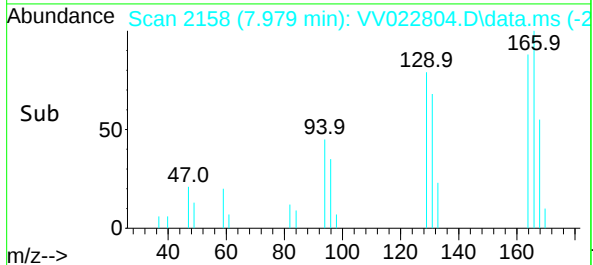
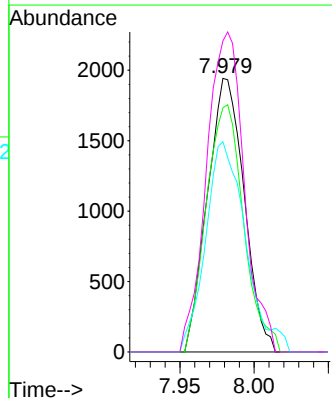
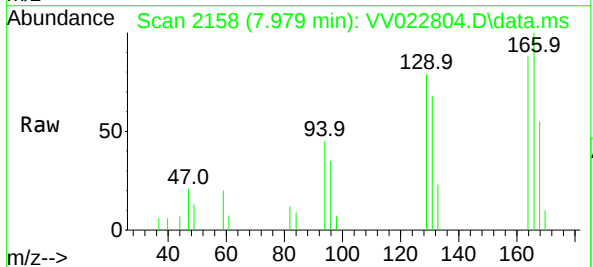
Instrument :
MSVOA_V
ClientSampled :
JDGG7

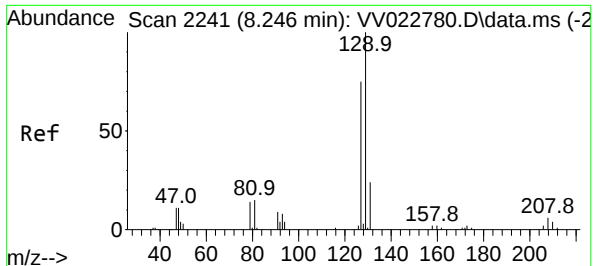
Tgt Ion: 91 Resp: 2641
Ion Ratio Lower Upper
91 100
92 42.7 40.7 75.7



#47
Tetrachloroethene
Concen: 0.487 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022804.D
Acq: 14 Oct 2021 19:52

Tgt Ion: 164 Resp: 3337
Ion Ratio Lower Upper
164 100
129 89.2 65.0 120.6
131 76.8 62.2 115.4
166 113.6 89.2 165.8





#49

Dibromochloromethane

Concen: 0.473 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV022804.D

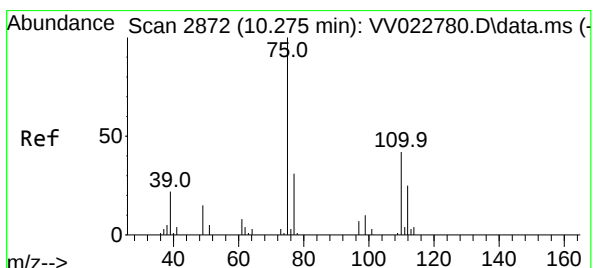
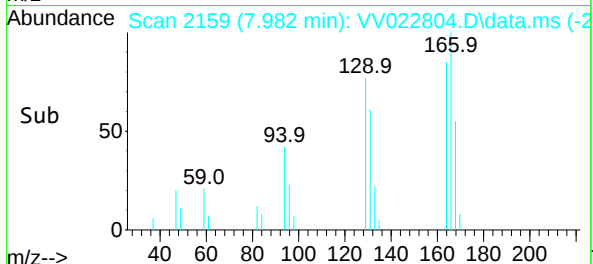
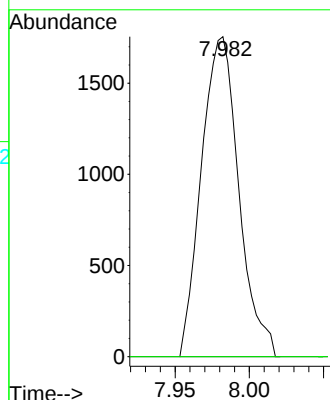
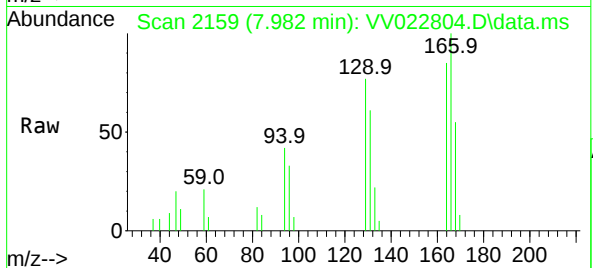
Acq: 14 Oct 2021 19:52

Tgt Ion: 129 Resp: 3075

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.454 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022804.D

Acq: 14 Oct 2021 19:52

Tgt Ion: 75 Resp: 5235

Ion Ratio Lower Upper

75 100

77 35.5 25.4 38.2

110 2.0 34.2 51.4#

