

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100821\
 Data File : VV022706.D
 Acq On : 08 Oct 2021 16:32
 Operator : SY/MD
 Sample : M4098-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 09 01:25:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 09 01:23:25 2021
 Response via : Initial Calibration

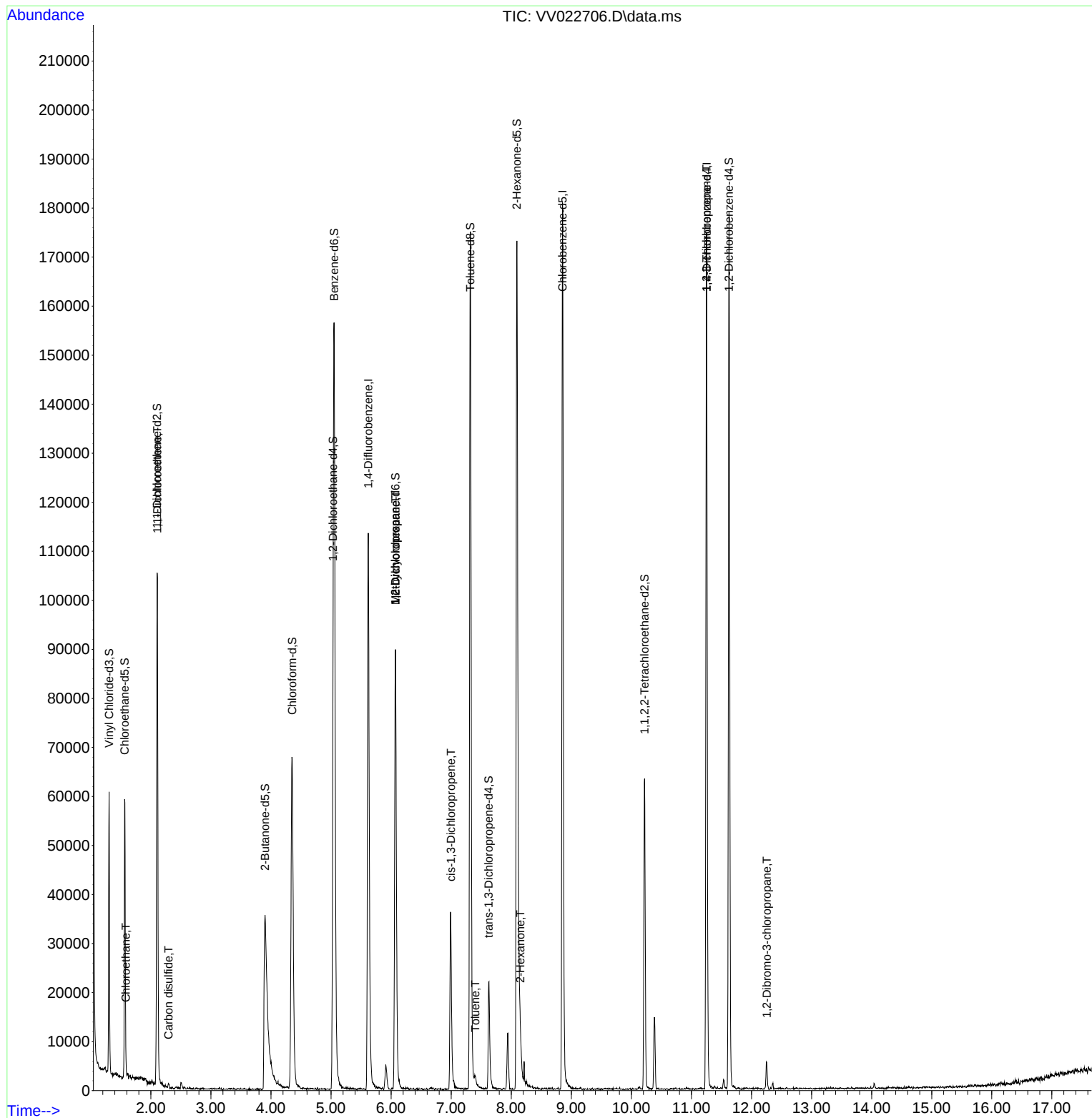
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	104102	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	106009	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	47479	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33987	4.745	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.564	69	33887	5.265	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.104	63	54548	3.882	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	3.902	46	86547	46.085	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.160%
24) Chloroform-d	4.352	84	72225	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.034	65	35168	4.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.053	84	143589	4.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.072	67	44642	4.777	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.320	98	119009	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.625	79	13669	4.409	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.091	63	58215	46.594	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.180%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	29591	4.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	47634	5.411	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						
8) Chloroethane	1.584	64	772	0.158	ug/L	90
12) 1,1-Dichloroethene	2.108	96	425	0.068	ug/L #	1
14) Carbon disulfide	2.294	76	983	0.056	ug/L #	81
35) Methylcyclohexane	6.072	83	10858	0.998	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	4633	0.675	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	988	0.109	ug/L #	55
42) Toluene	7.400	91	1841	0.064	ug/L	99
48) 2-Hexanone	8.152	43	6352	2.355	ug/L #	37
61) 1,2,3-Trichloropropane	11.249	75	5164	1.565	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.252	75	153	0.255	ug/L #	1

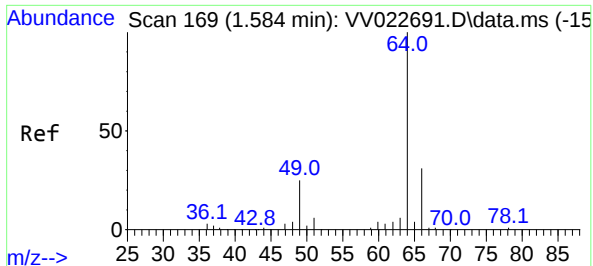
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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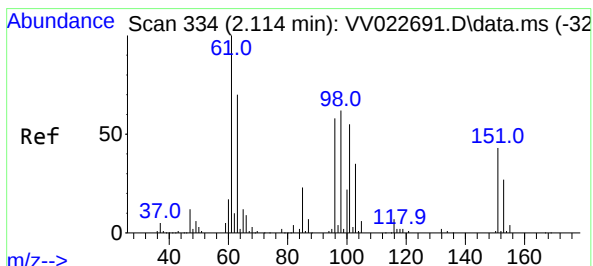
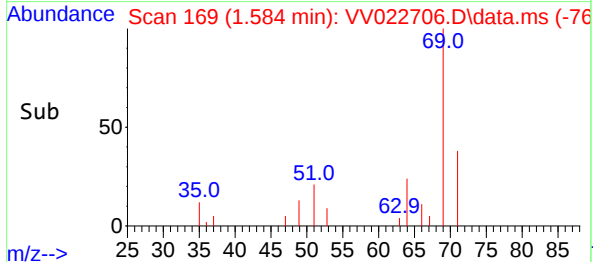
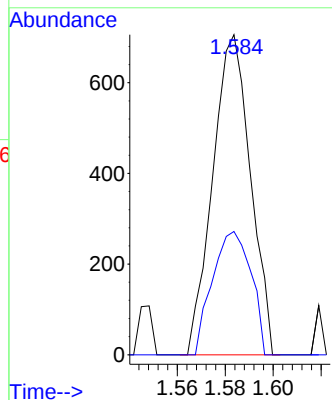
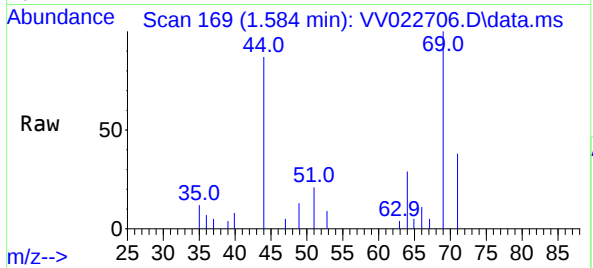




#8
Chloroethane
Concen: 0.158 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV022706.D
Acq: 08 Oct 2021 16:32

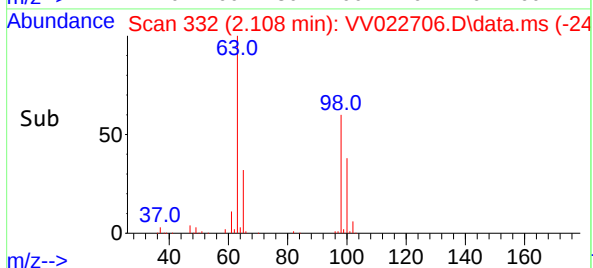
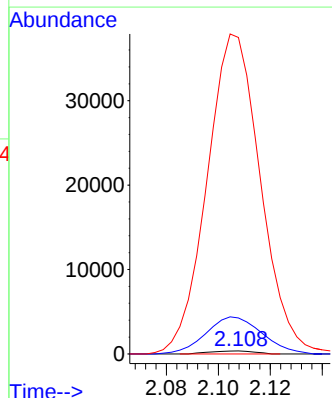
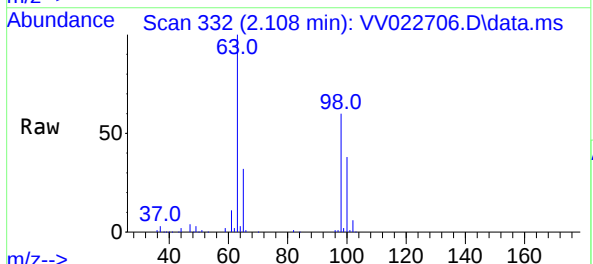
Instrument :
MSVOA_V
ClientSampled :

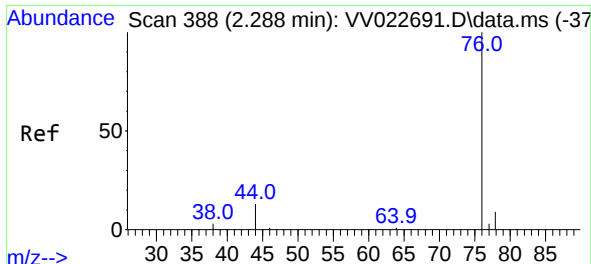
Tgt Ion: 64 Resp: 772
Ion Ratio Lower Upper
64 100
66 38.5 22.9 42.5



#12
1,1-Dichloroethene
Concen: 0.068 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.006 min
Lab File: VV022706.D
Acq: 08 Oct 2021 16:32

Tgt Ion: 96 Resp: 425
Ion Ratio Lower Upper
96 100
61 1201.4 127.3 236.5#
63 10560.0 106.2 197.2#

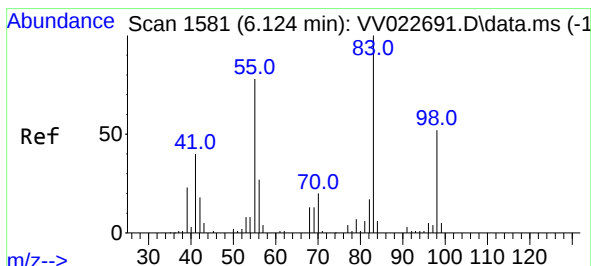
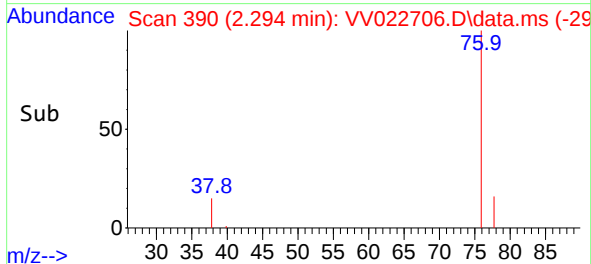
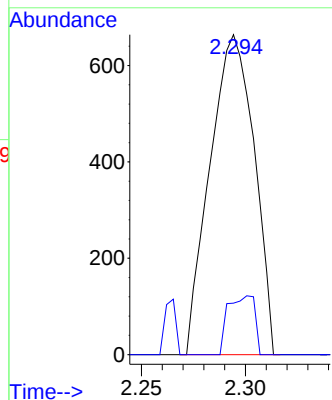
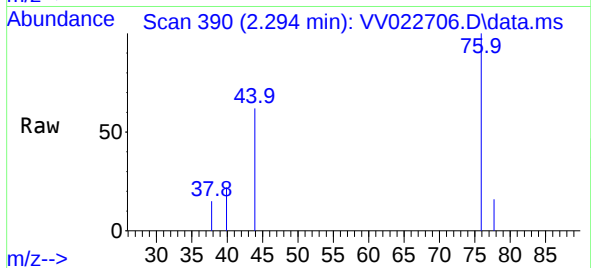




#14
Carbon disulfide
Concen: 0.056 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.006 min
Lab File: VV022706.D
Acq: 08 Oct 2021 16:32

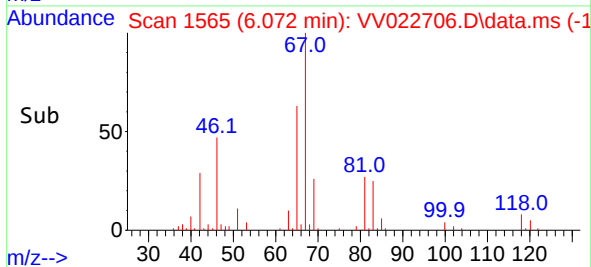
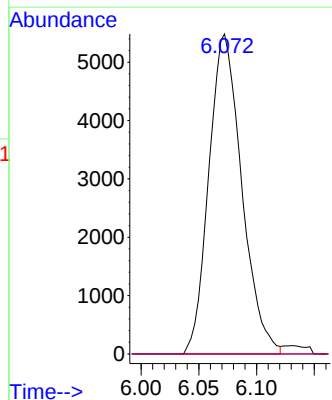
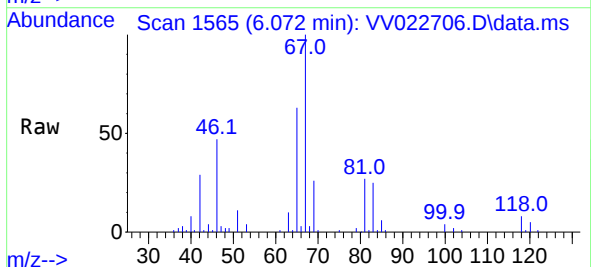
Instrument :
MSVOA_V
ClientSampled :

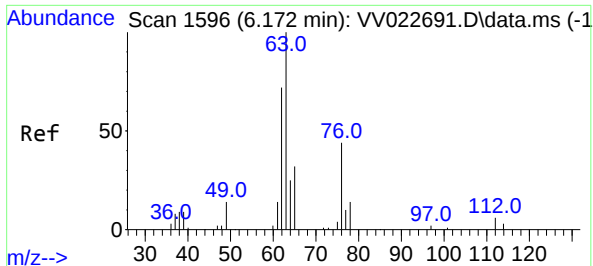
Tgt Ion: 76 Resp: 983
Ion Ratio Lower Upper
76 100
78 16.1 7.4 11.0#



#35
Methylcyclohexane
Concen: 0.998 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.051 min
Lab File: VV022706.D
Acq: 08 Oct 2021 16:32

Tgt Ion: 83 Resp: 10858
Ion Ratio Lower Upper
83 100
55 0.0 63.8 95.6#
98 1.0 42.1 63.1#

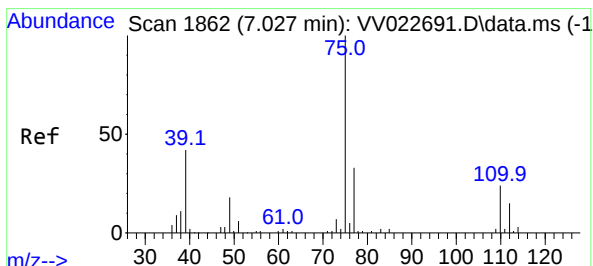
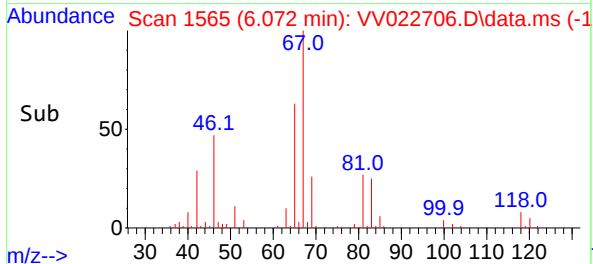
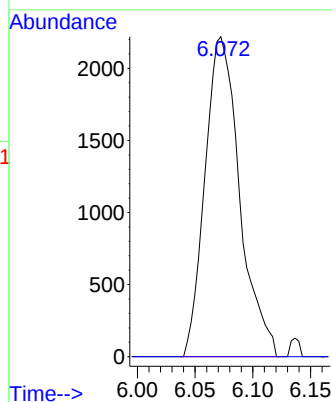
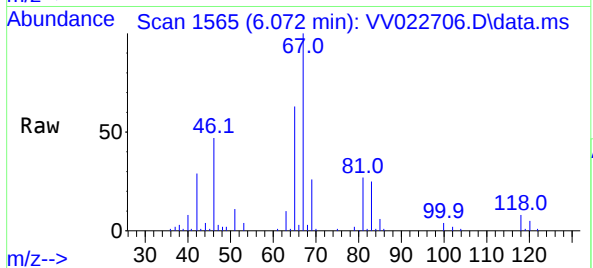




#37
1,2-Dichloropropane
Concen: 0.675 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022706.D
Acq: 08 Oct 2021 16:32

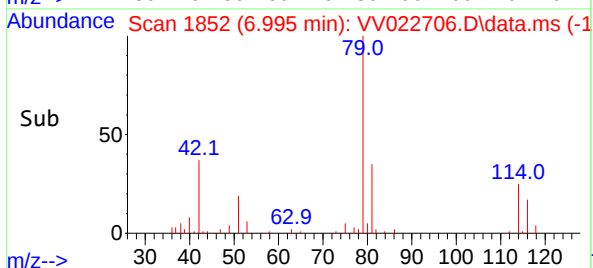
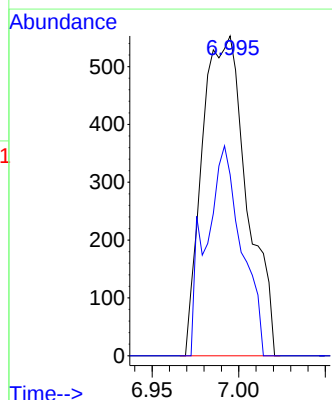
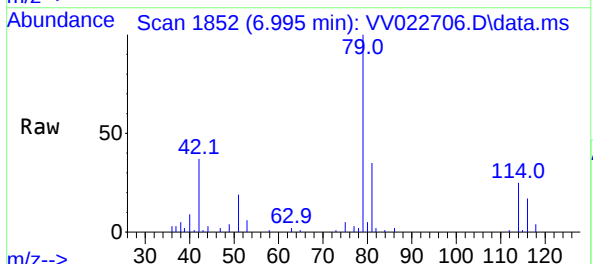
Instrument :
MSVOA_V
ClientSampled :

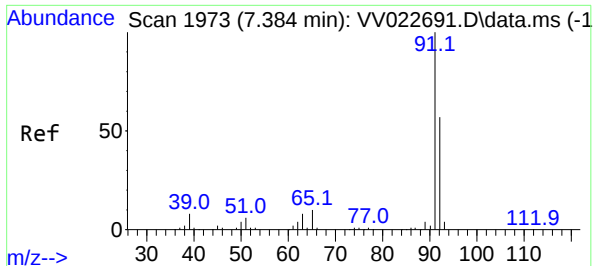
Tgt Ion: 63 Resp: 4633
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 6.995 min Scan# 1852
Delta R.T. -0.032 min
Lab File: VV022706.D
Acq: 08 Oct 2021 16:32

Tgt Ion: 75 Resp: 988
Ion Ratio Lower Upper
75 100
77 56.6 22.3 41.3#





#42

Toluene

Concen: 0.064 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.016 min

Lab File: VV022706.D

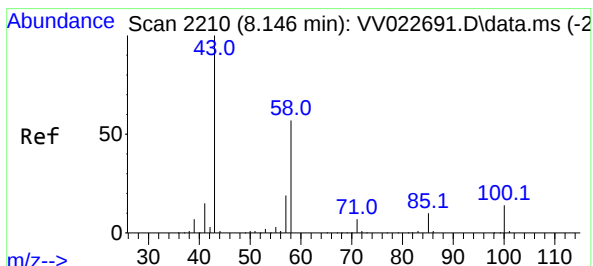
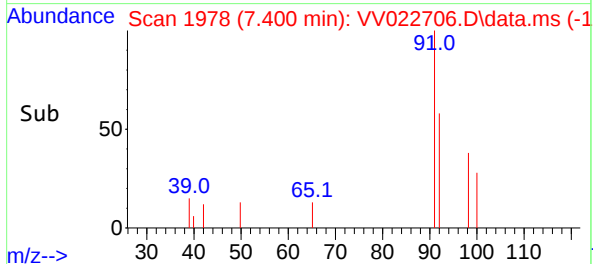
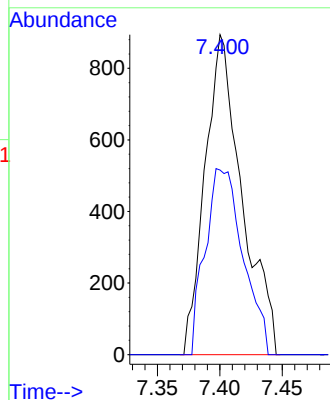
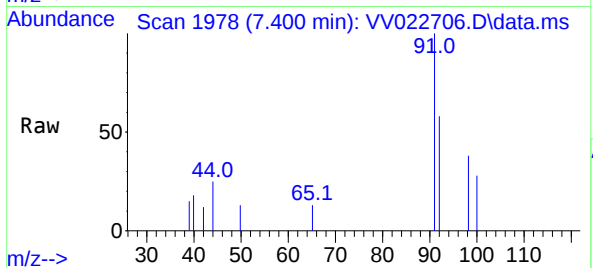
Acq: 08 Oct 2021 16:32

Tgt Ion: 91 Resp: 1841

Ion Ratio Lower Upper

91 100

92 57.7 40.7 75.7



#48

2-Hexanone

Concen: 2.355 ug/L

RT: 8.152 min Scan# 2212

Delta R.T. 0.006 min

Lab File: VV022706.D

Acq: 08 Oct 2021 16:32

Tgt Ion: 43 Resp: 6352

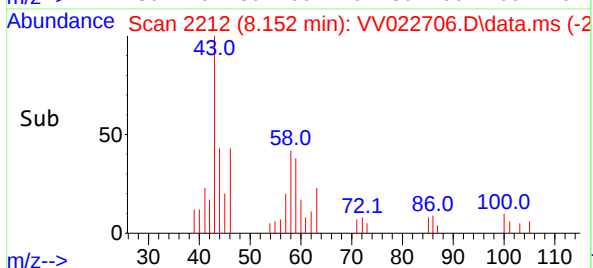
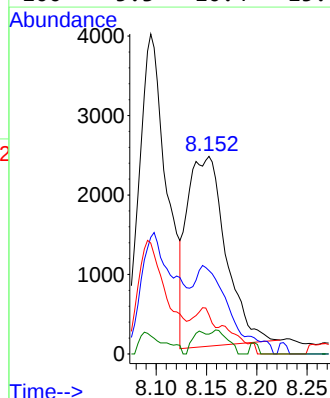
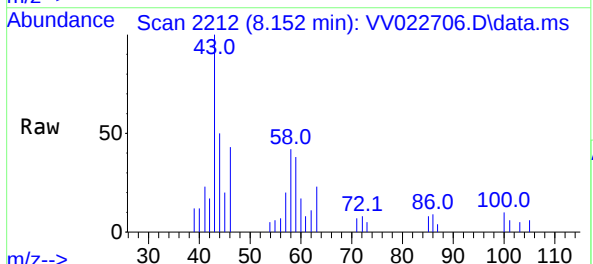
Ion Ratio Lower Upper

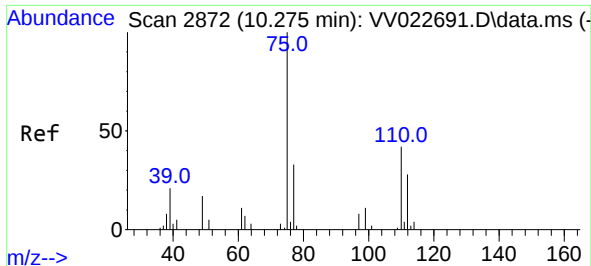
43 100

58 0.0 47.4 71.0#

57 0.0 15.3 22.9#

100 5.3 10.4 15.6#

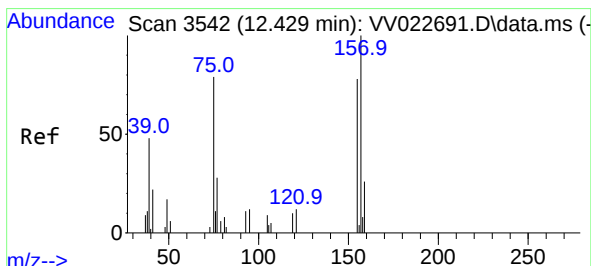
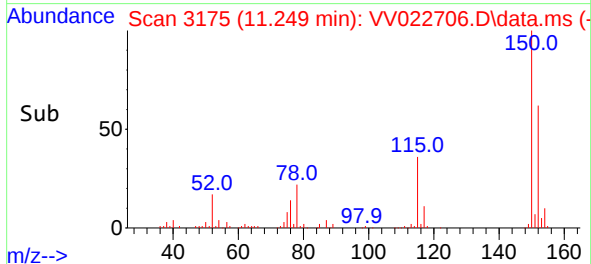
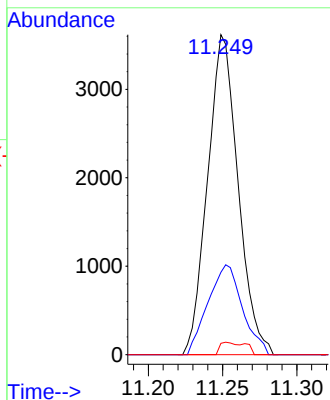
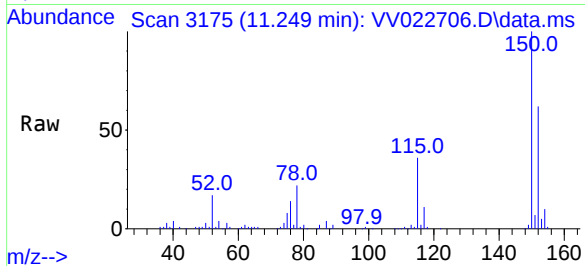




#61
1,2,3-Trichloropropane
Concen: 1.565 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022706.D
Acq: 08 Oct 2021 16:32

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 5164
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2
110 3.2 34.2 51.4#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.255 ug/L
RT: 12.252 min Scan# 3487
Delta R.T. -0.177 min
Lab File: VV022706.D
Acq: 08 Oct 2021 16:32

Tgt Ion: 75 Resp: 153
Ion Ratio Lower Upper
75 100
155 0.0 82.4 123.6#
157 0.0 114.1 171.1#

