

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100821\
 Data File : VV022714.D
 Acq On : 08 Oct 2021 20:07
 Operator : SY/MD
 Sample : M4022-22
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 09 01:26:40 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

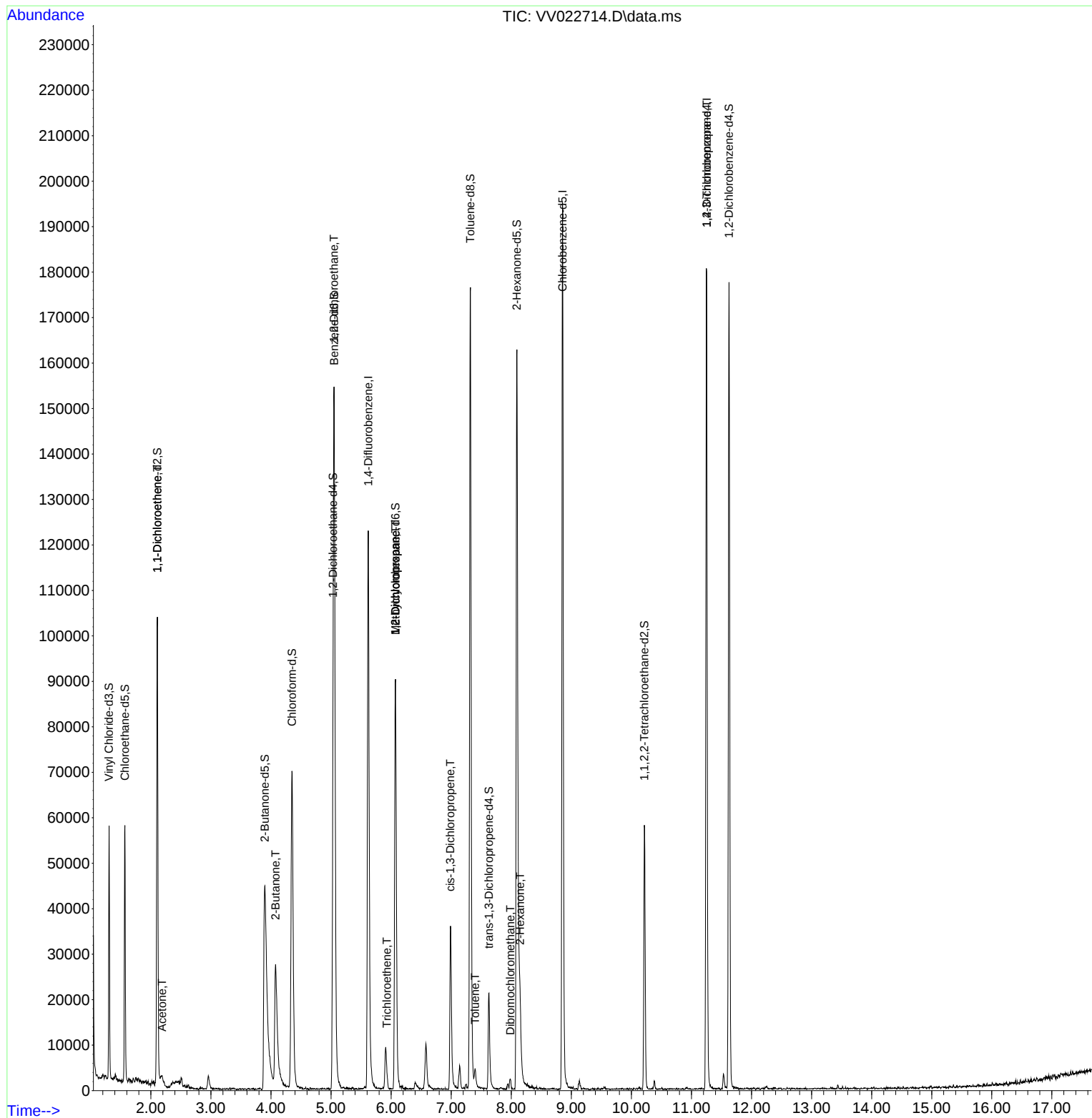
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	110609	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	111840	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	49891	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33443	4.395	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.568	69	33729	4.932	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.108	63	52590	3.523	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	3.896	46	88624	44.414	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.820%
24) Chloroform-d	4.349	84	73341	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.034	65	34835	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.053	84	140945	4.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.072	67	45285	4.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.320	98	118144	4.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.629	79	12338	3.772	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.092	63	50164	38.057	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26945	4.034	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	46879	5.068	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.108	96	429	0.064	ug/L #	1
13) Acetone	2.188	43	4071	3.659	ug/L #	28
21) 2-Butanone	4.076	43	49440	27.138	ug/L #	51
27) 1,2-Dichloroethane	5.050	62	621	0.082	ug/L #	69
34) Trichloroethene	5.931	95	495	0.060	ug/L #	83
35) Methylcyclohexane	6.072	83	10664	0.929	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	4818	0.665	ug/L #	84
39) cis-1,3-Dichloropropene	6.986	75	1061	0.111	ug/L #	69
42) Toluene	7.400	91	2830	0.093	ug/L	89
48) 2-Hexanone	8.146	43	12447	4.373	ug/L #	85
49) Dibromochloromethane	7.986	129	524	0.083	ug/L #	7
61) 1,2,3-Trichloropropane	11.252	75	5357	1.545	ug/L #	63

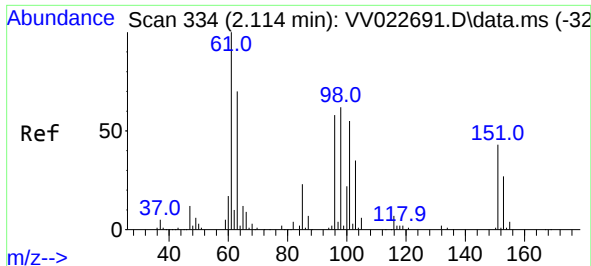
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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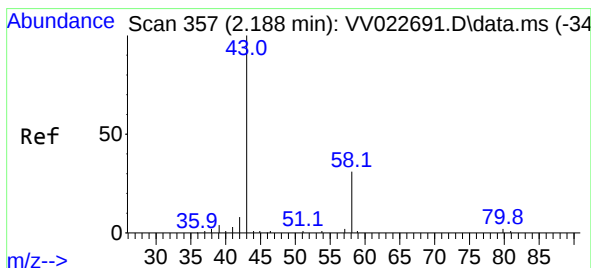
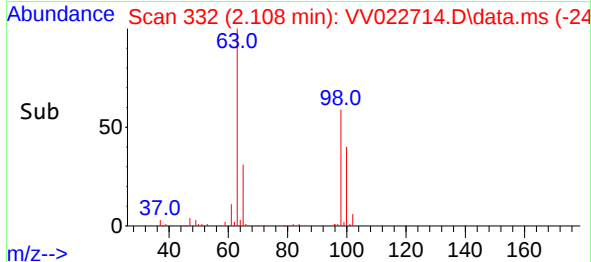
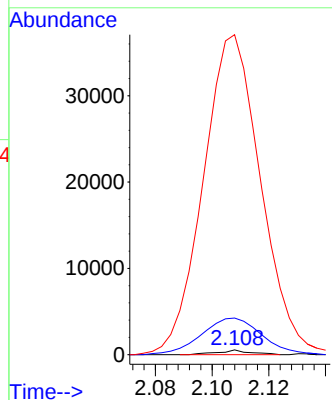
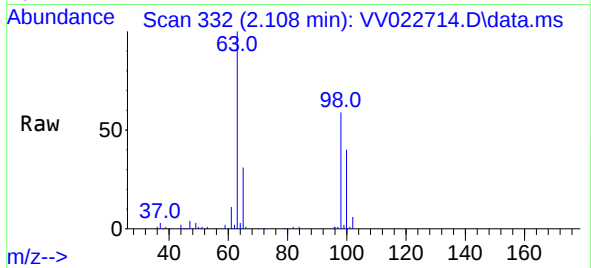




#12
1,1-Dichloroethene
Concen: 0.064 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.006 min
Lab File: VV022714.D
Acq: 08 Oct 2021 20:07

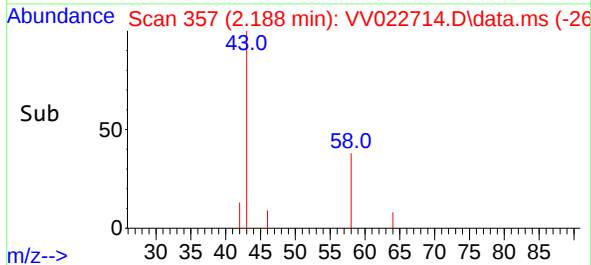
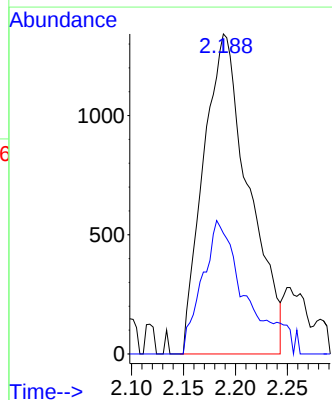
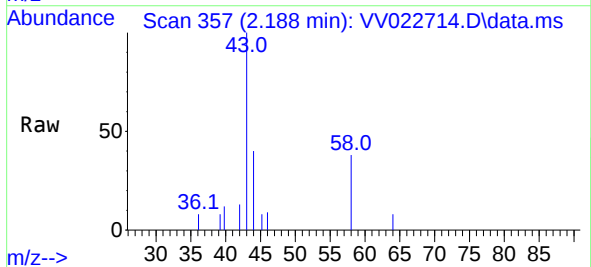
Instrument :
MSVOA_V
ClientSampled :

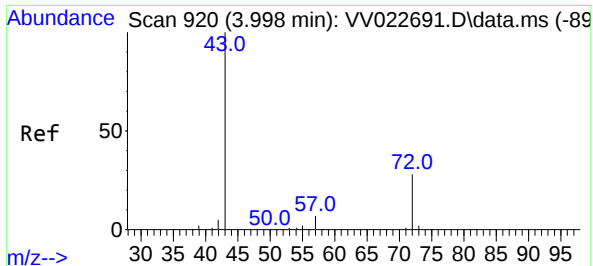
Tgt Ion: 96 Resp: 429
Ion Ratio Lower Upper
96 100
61 769.5 127.3 236.5#
63 6729.6 106.2 197.2#



#13
Acetone
Concen: 3.659 ug/L
RT: 2.188 min Scan# 357
Delta R.T. 0.000 min
Lab File: VV022714.D
Acq: 08 Oct 2021 20:07

Tgt Ion: 43 Resp: 4071
Ion Ratio Lower Upper
43 100
58 40.2 0.0 24.2#

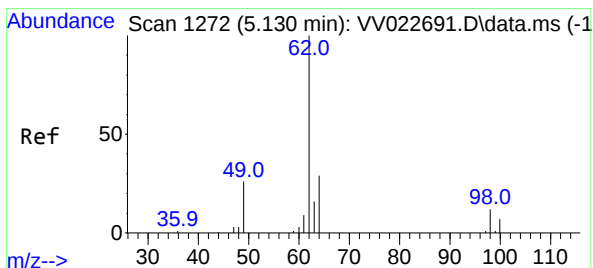
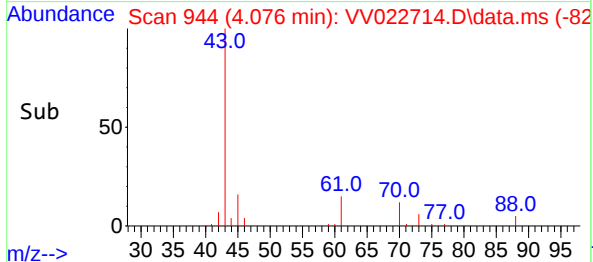
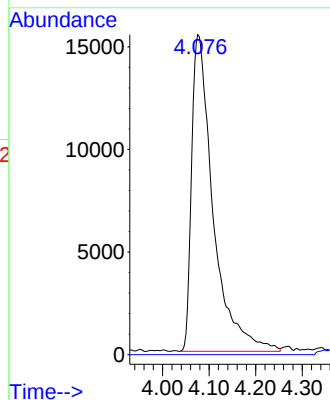
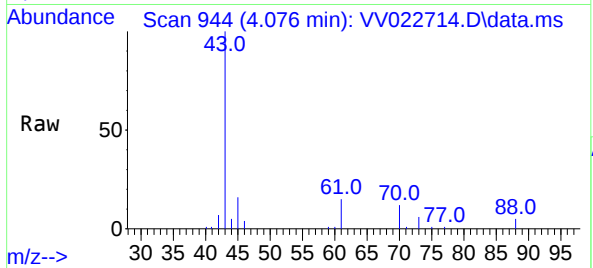




#21
2-Butanone
Concen: 27.138 ug/L
RT: 4.076 min Scan# 944
Delta R.T. 0.077 min
Lab File: VV022714.D
Acq: 08 Oct 2021 20:07

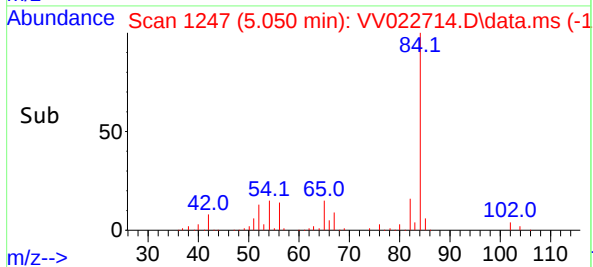
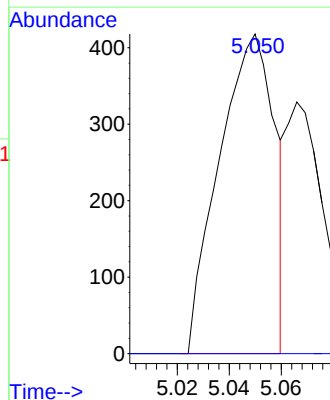
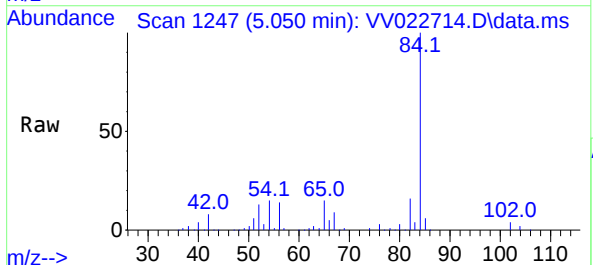
Instrument :
MSVOA_V
ClientSampled :

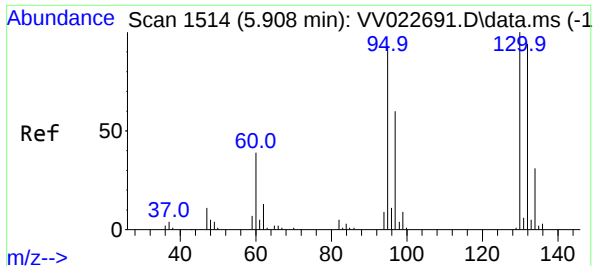
Tgt Ion: 43 Resp: 49440
Ion Ratio Lower Upper
43 100
72 0.0 12.3 36.8#



#27
1,2-Dichloroethane
Concen: 0.082 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.080 min
Lab File: VV022714.D
Acq: 08 Oct 2021 20:07

Tgt Ion: 62 Resp: 621
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#





#34

Trichloroethene

Concen: 0.060 ug/L

RT: 5.931 min Scan# 1521

Delta R.T. 0.023 min

Lab File: VV022714.D

Acq: 08 Oct 2021 20:07

Tgt Ion: 95 Resp: 495

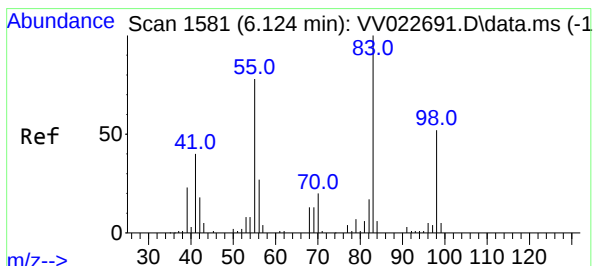
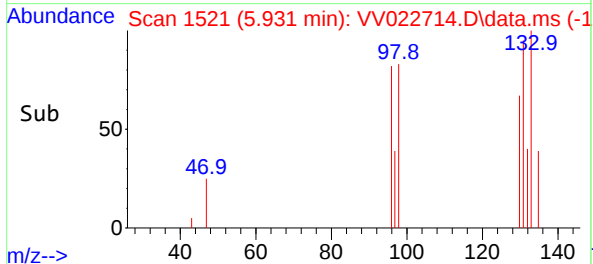
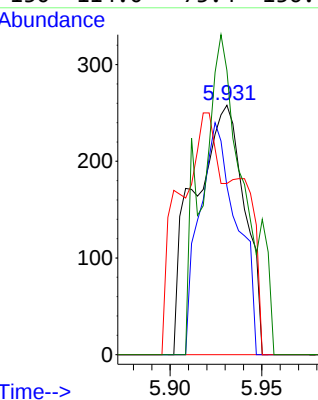
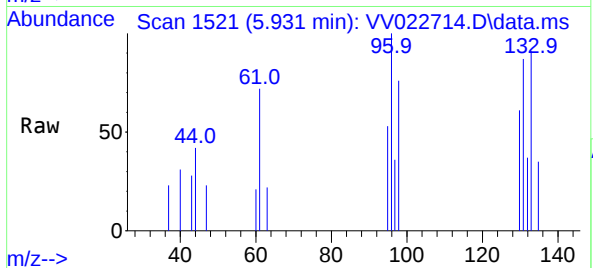
Ion Ratio Lower Upper

95 100

97 67.4 45.8 85.2

132 68.6 72.2 134.0#

130 114.0 73.4 136.4



#35

Methylcyclohexane

Concen: 0.929 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.051 min

Lab File: VV022714.D

Acq: 08 Oct 2021 20:07

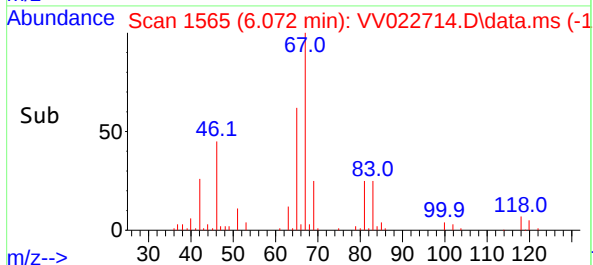
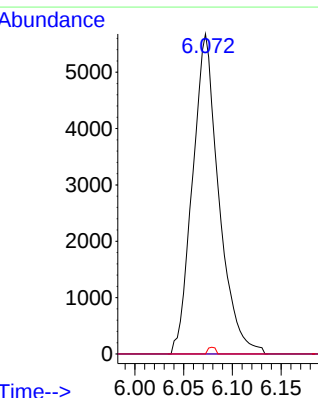
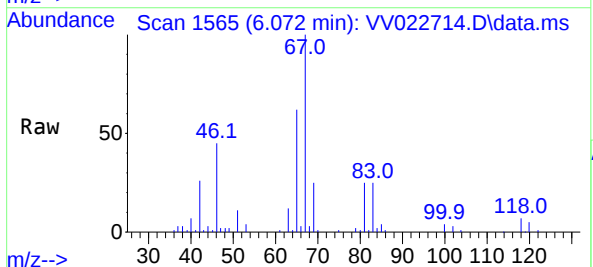
Tgt Ion: 83 Resp: 10664

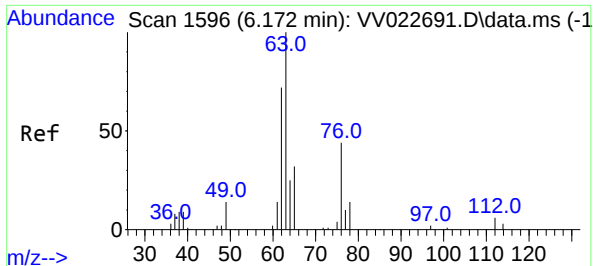
Ion Ratio Lower Upper

83 100

55 0.0 63.8 95.6#

98 0.6 42.1 63.1#



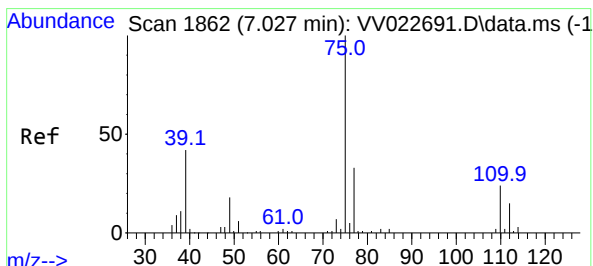
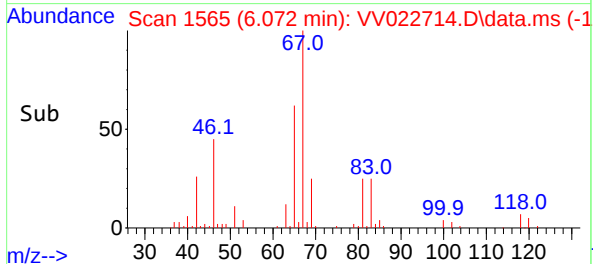
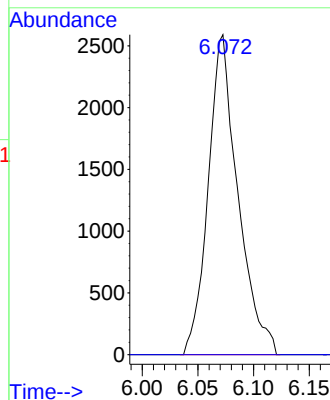
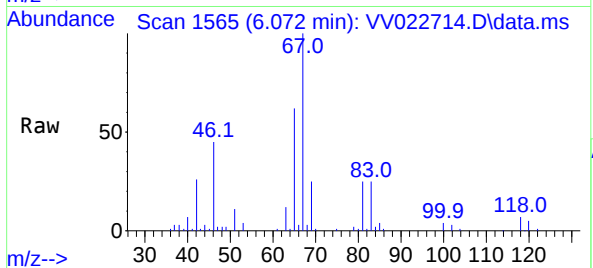


#37

1,2-Dichloropropane
Concen: 0.665 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.099 min
Lab File: VV022714.D
Acq: 08 Oct 2021 20:07

Instrument :
MSVOA_V
ClientSampled :

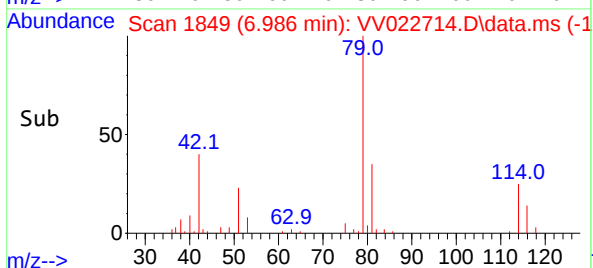
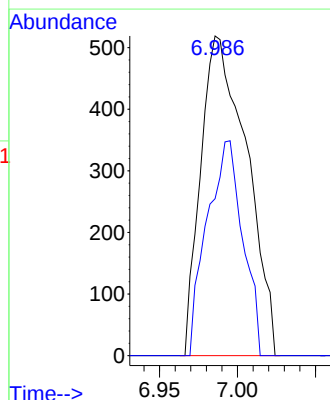
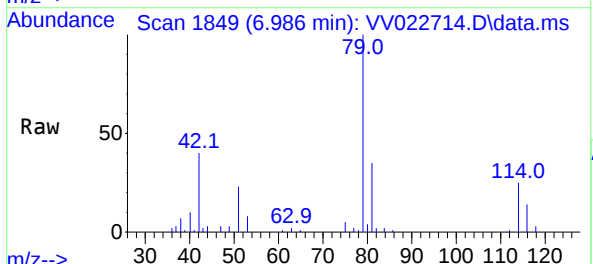
Tgt Ion: 63 Resp: 4818
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

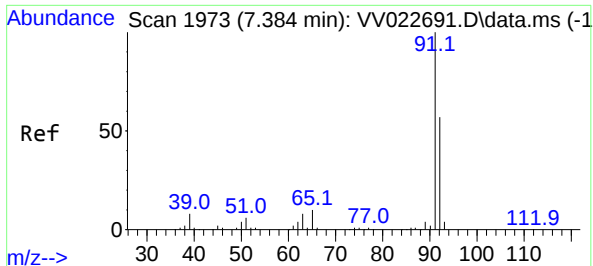


#39

cis-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV022714.D
Acq: 08 Oct 2021 20:07

Tgt Ion: 75 Resp: 1061
Ion Ratio Lower Upper
75 100
77 49.1 22.3 41.3#





#42

Toluene

Concen: 0.093 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.016 min

Lab File: VV022714.D

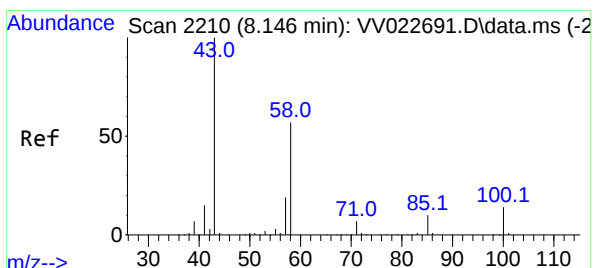
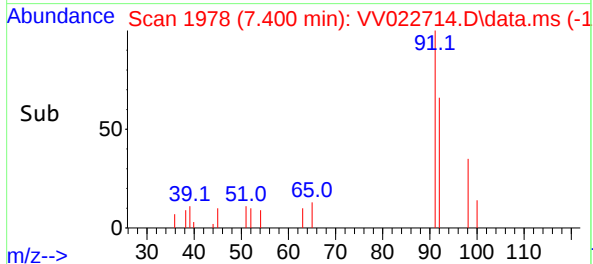
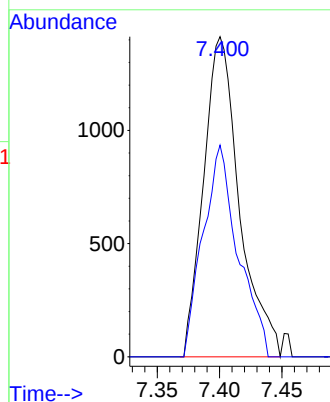
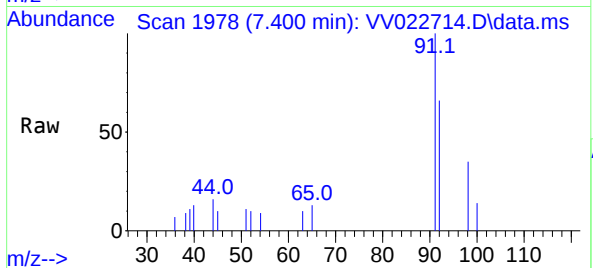
Acq: 08 Oct 2021 20:07

Tgt Ion: 91 Resp: 2830

Ion Ratio Lower Upper

91 100

92 66.1 40.7 75.7



#48

2-Hexanone

Concen: 4.373 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VV022714.D

Acq: 08 Oct 2021 20:07

Tgt Ion: 43 Resp: 12447

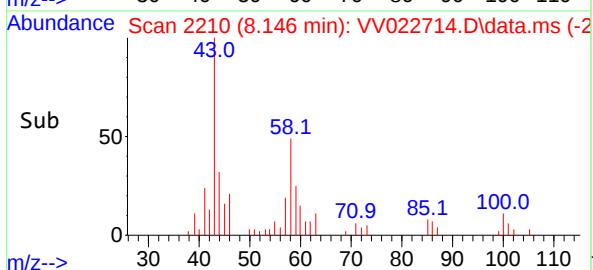
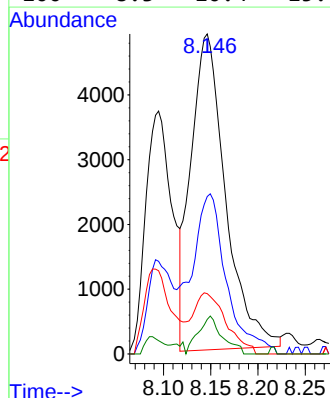
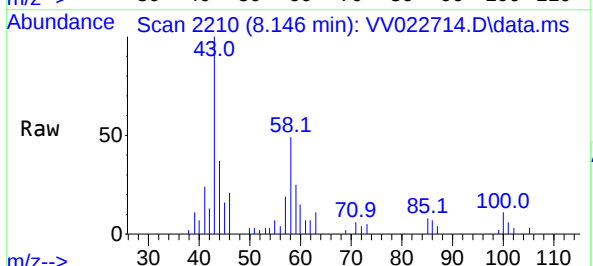
Ion Ratio Lower Upper

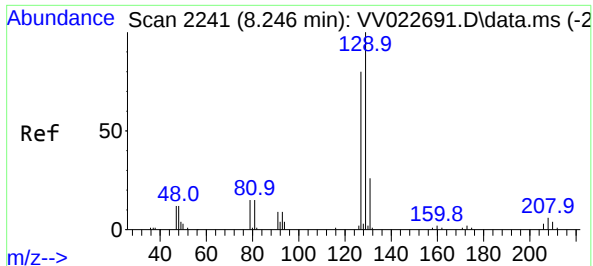
43 100

58 44.1 47.4 71.0#

57 18.3 15.3 22.9

100 8.3 10.4 15.6#





#49

Dibromochloromethane

Concen: 0.083 ug/L

RT: 7.986 min Scan# 2160

Delta R.T. -0.260 min

Lab File: VV022714.D

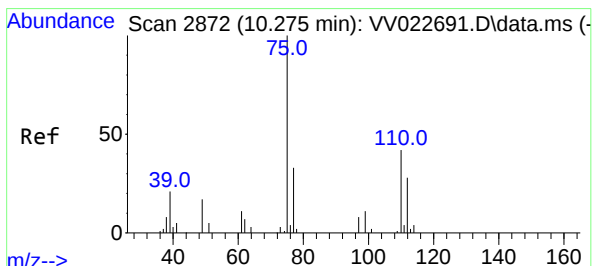
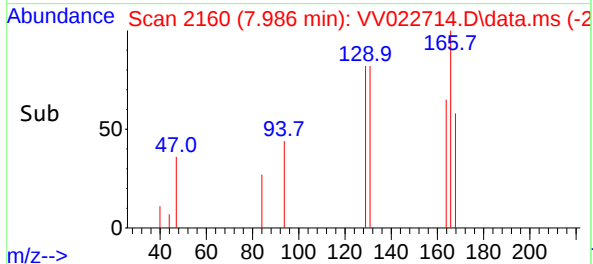
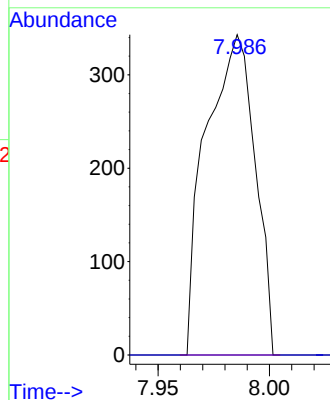
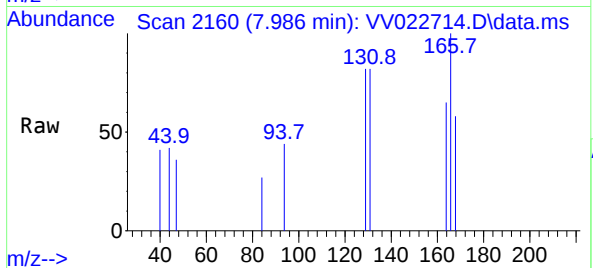
Acq: 08 Oct 2021 20:07

Tgt Ion:129 Resp: 524

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.545 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.978 min

Lab File: VV022714.D

Acq: 08 Oct 2021 20:07

Tgt Ion: 75 Resp: 5357

Ion Ratio Lower Upper

75 100

77 33.8 25.4 38.2

110 2.8 34.2 51.4#

