

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100821\
 Data File : VV022697.D
 Acq On : 08 Oct 2021 12:56
 Operator : SY/MD
 Sample : M4051-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 09 01:24:27 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)

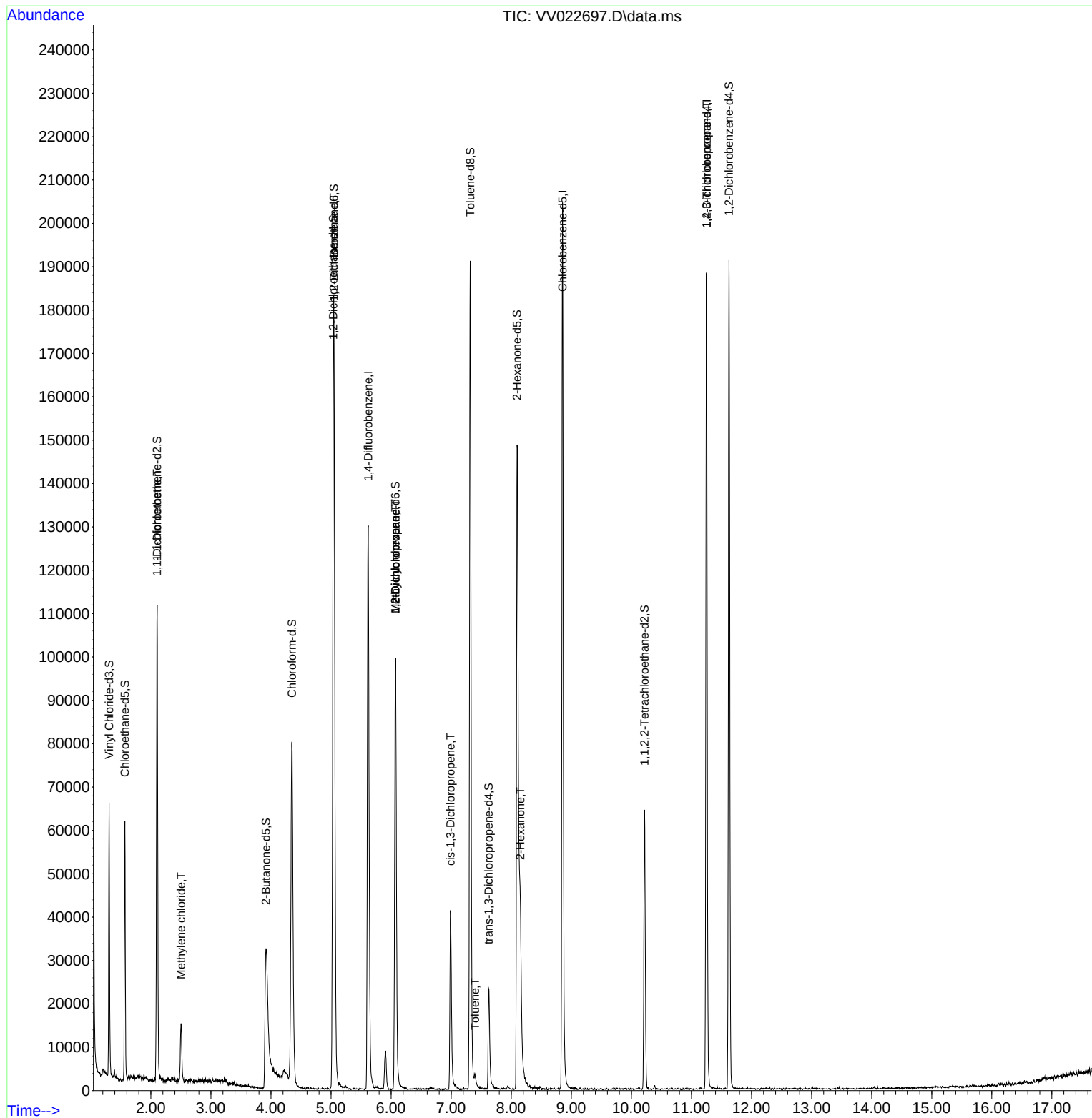
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117375	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	117003	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	52145	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36835	4.561	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.567	69	35155	4.844	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.104	63	56451	3.564	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.918	46	77590	36.643	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.280%
24) Chloroform-d	4.349	84	80289	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.037	65	38667	4.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.046	84	155501	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.072	67	48293	4.682	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.316	98	126481	4.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.625	79	15100	4.413	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.098	63	62276	45.161	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.320%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	31677	4.533	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	51024	5.278	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.101	96	496	0.070	ug/L #	1
16) Methylene chloride	2.503	84	5171	0.530	ug/L	95
27) 1,2-Dichloroethane	5.050	62	892	0.111	ug/L #	69
35) Methylcyclohexane	6.072	83	11813	0.984	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	5276	0.696	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1020	0.102	ug/L #	47
42) Toluene	7.397	91	1999	0.062	ug/L	94
48) 2-Hexanone	8.152	43	13140	4.413	ug/L #	86
61) 1,2,3-Trichloropropane	11.252	75	5697	1.572	ug/L #	61

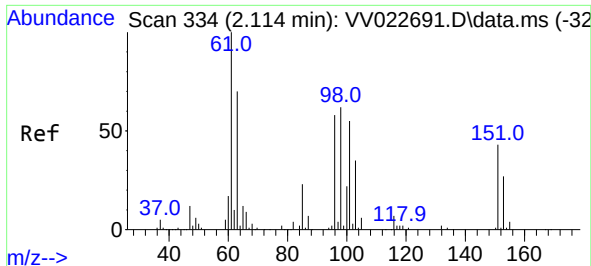
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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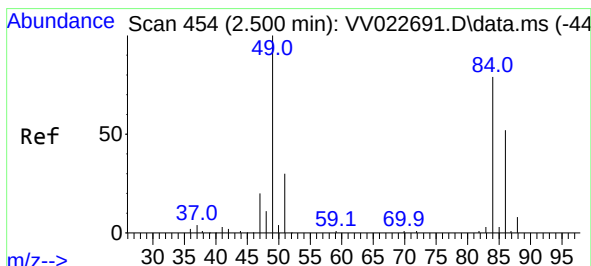
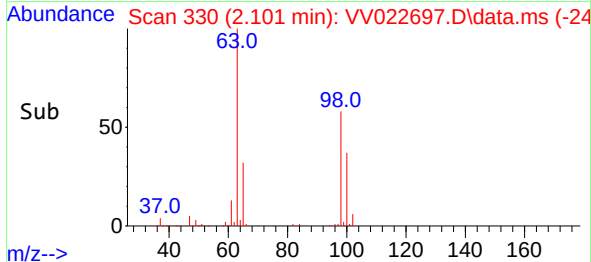
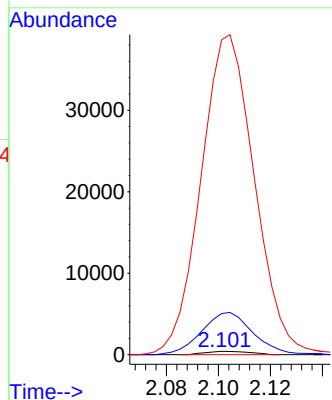
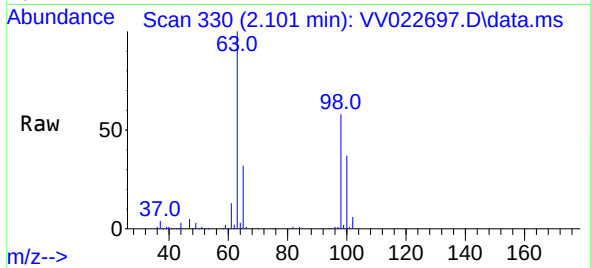




#12
1,1-Dichloroethene
Concen: 0.070 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.013 min
Lab File: VV022697.D
Acq: 08 Oct 2021 12:56

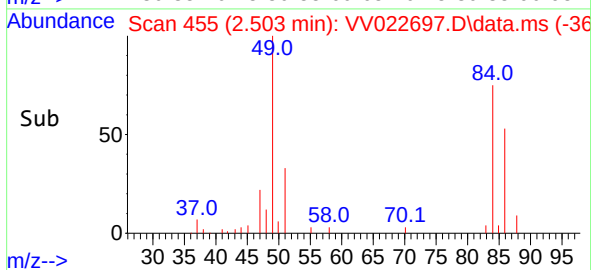
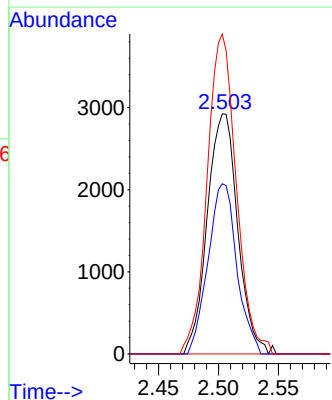
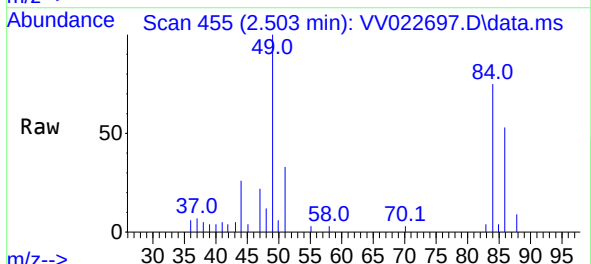
Instrument :
MSVOA_V
ClientSampled :

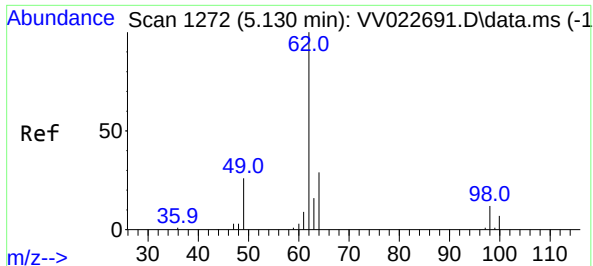
Tgt Ion: 96 Resp: 496
Ion Ratio Lower Upper
96 100
61 1242.1 127.3 236.5#
63 9519.2 106.2 197.2#



#16
Methylene chloride
Concen: 0.530 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV022697.D
Acq: 08 Oct 2021 12:56

Tgt Ion: 84 Resp: 5171
Ion Ratio Lower Upper
84 100
86 70.9 45.8 85.2
49 133.2 90.3 167.7

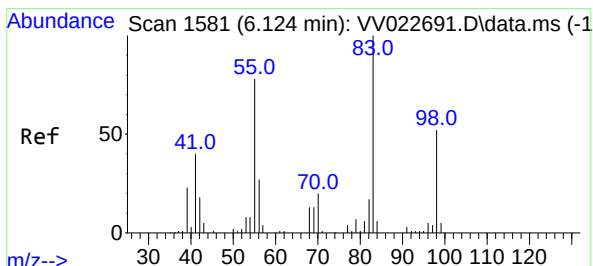
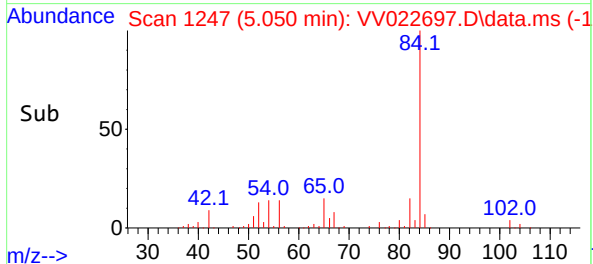
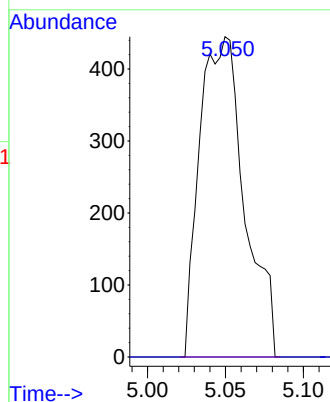
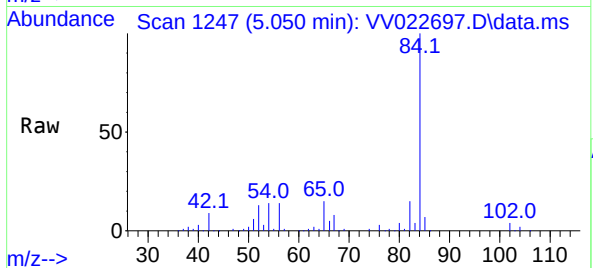




#27
1,2-Dichloroethane
Concen: 0.111 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.080 min
Lab File: VV022697.D
Acq: 08 Oct 2021 12:56

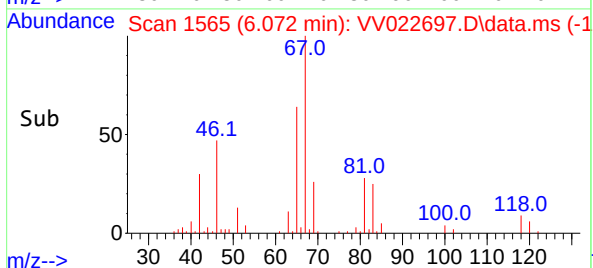
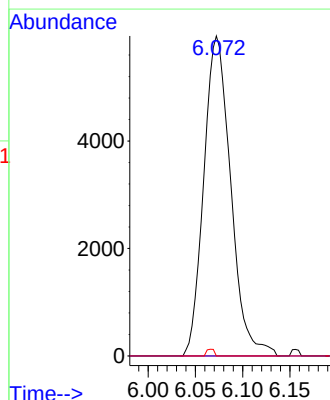
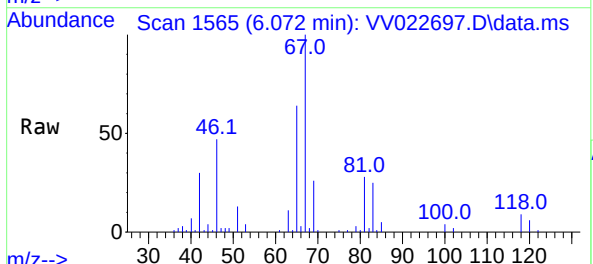
Instrument :
MSVOA_V
ClientSampled :

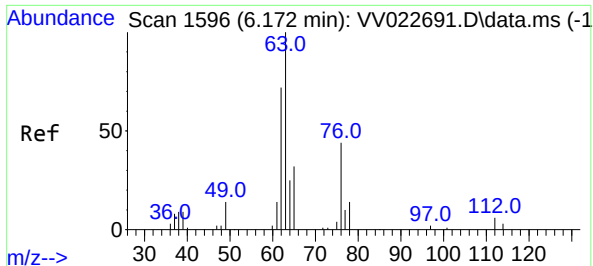
Tgt Ion: 62 Resp: 892
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#



#35
Methylcyclohexane
Concen: 0.984 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.052 min
Lab File: VV022697.D
Acq: 08 Oct 2021 12:56

Tgt Ion: 83 Resp: 11813
Ion Ratio Lower Upper
83 100
55 0.0 63.8 95.6#
98 0.6 42.1 63.1#

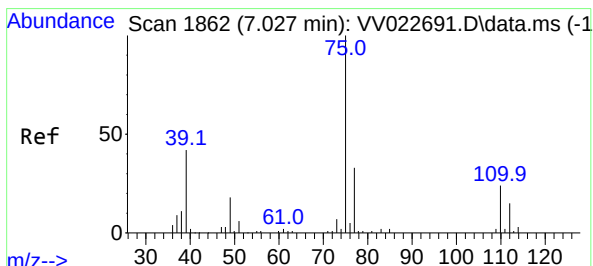
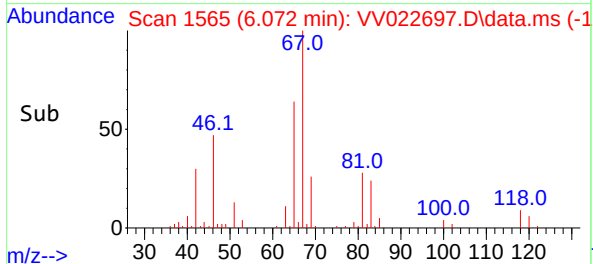
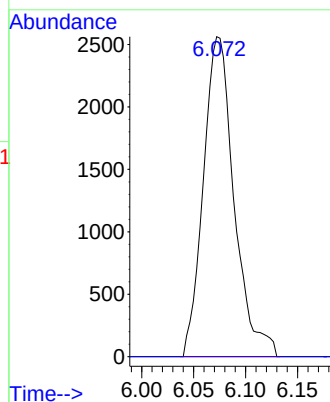
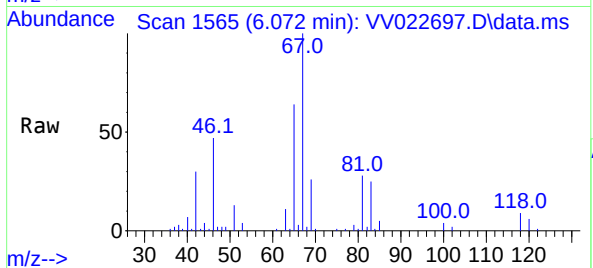




#37
1,2-Dichloropropane
Concen: 0.696 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022697.D
Acq: 08 Oct 2021 12:56

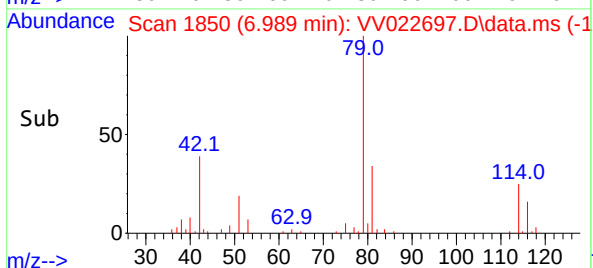
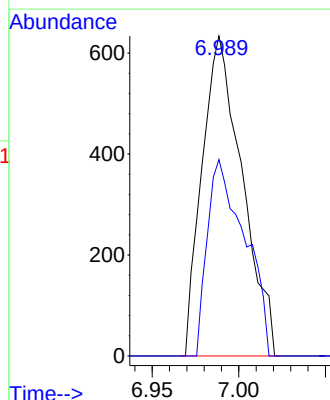
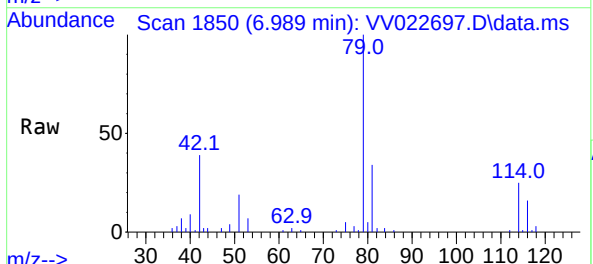
Instrument :
MSVOA_V
ClientSampled :

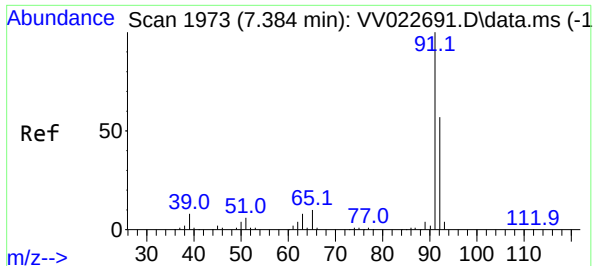
Tgt Ion: 63 Resp: 5276
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022697.D
Acq: 08 Oct 2021 12:56

Tgt Ion: 75 Resp: 1020
Ion Ratio Lower Upper
75 100
77 61.4 22.3 41.3#





#42

Toluene

Concen: 0.062 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.013 min

Lab File: VV022697.D

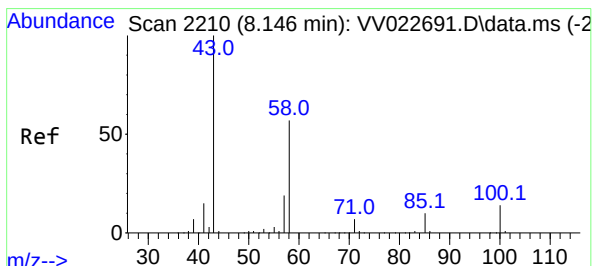
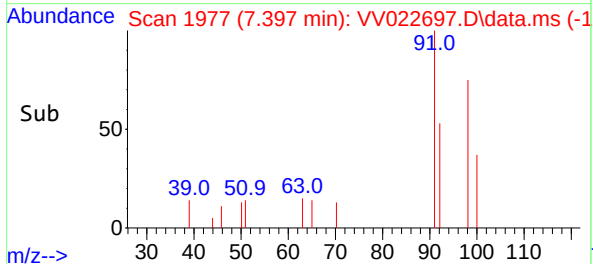
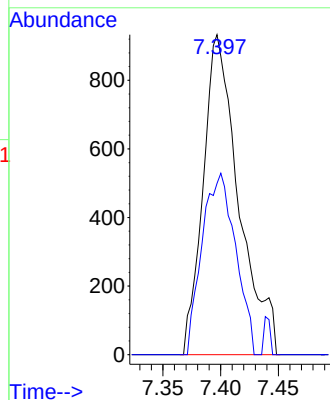
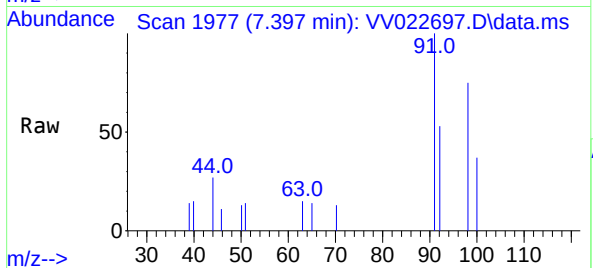
Acq: 08 Oct 2021 12:56

Tgt Ion: 91 Resp: 1999

Ion Ratio Lower Upper

91 100

92 53.5 40.7 75.7



#48

2-Hexanone

Concen: 4.413 ug/L

RT: 8.152 min Scan# 2212

Delta R.T. 0.006 min

Lab File: VV022697.D

Acq: 08 Oct 2021 12:56

Tgt Ion: 43 Resp: 13140

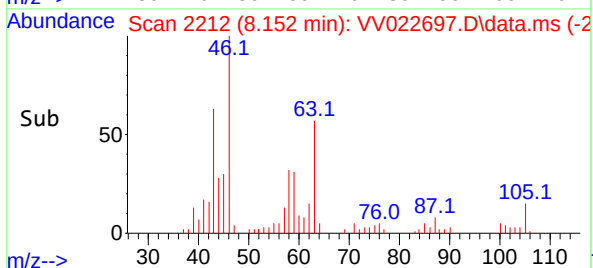
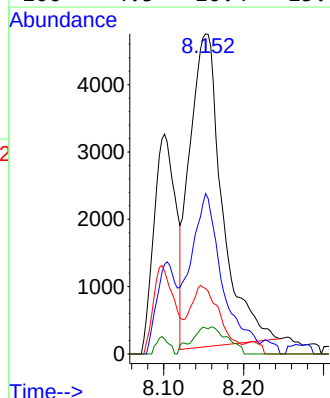
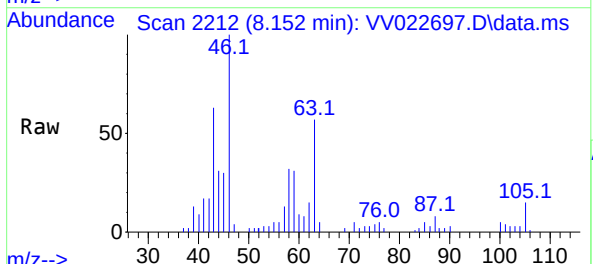
Ion Ratio Lower Upper

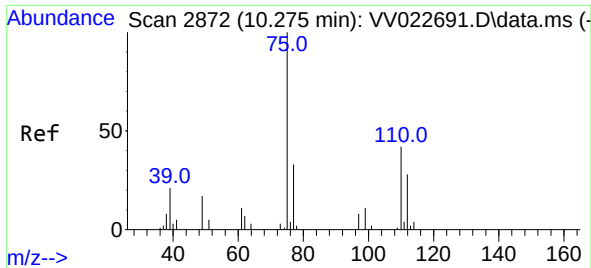
43 100

58 47.0 47.4 71.0#

57 20.3 15.3 22.9

100 4.5 10.4 15.6#





#61
1,2,3-Trichloropropane
Concen: 1.572 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV022697.D
Acq: 08 Oct 2021 12:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	75	Resp:	5697
Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.4	38.2
110	0.8	34.2	51.4#

