

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
 Data File : VV022860.D
 Acq On : 18 Oct 2021 12:44
 Operator : SY/MD
 Sample : M4167-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Oct 19 01:44:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 01:43:03 2021
 Response via : Initial Calibration

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

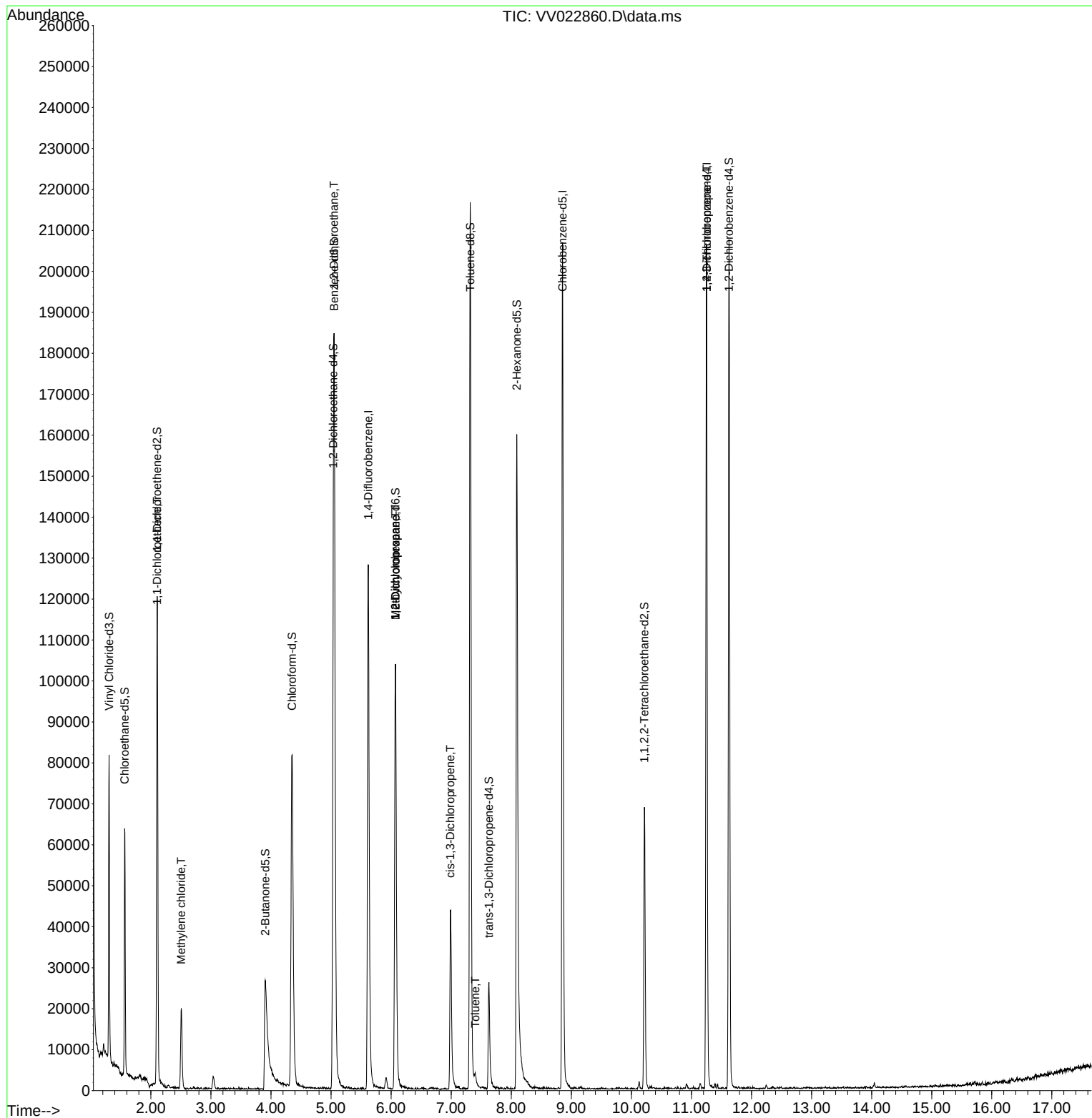
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117079	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	119266	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	56721	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44242	5.492	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.800%
7) Chloroethane-d5	1.564	69	35953	4.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.105	63	61758	3.908	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	3.905	46	60814	28.793	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	57.580%
24) Chloroform-d	4.349	84	86603	5.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.037	65	38389	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.053	84	172555	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.072	67	52767	5.019	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.317	98	144686	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.628	79	16303	4.674	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.091	63	59387	42.249	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.500%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33528	4.707	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	55778	5.304	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.101	96	591	0.084	ug/L #	1
16) Methylene chloride	2.507	84	7923	0.814	ug/L	99
27) 1,2-Dichloroethane	5.050	62	976	0.122	ug/L #	69
35) Methylcyclohexane	6.072	83	12896	1.054	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	5612	0.726	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1198	0.117	ug/L #	52
42) Toluene	7.400	91	2427	0.074	ug/L	94
61) 1,2,3-Trichloropropane	11.252	75	6184	1.569	ug/L #	62

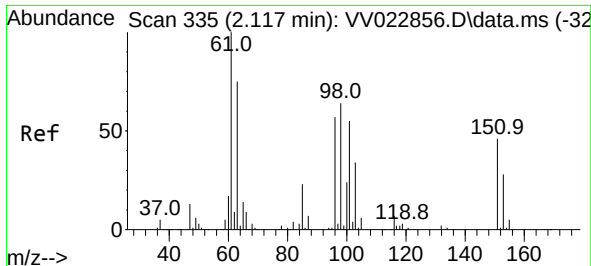
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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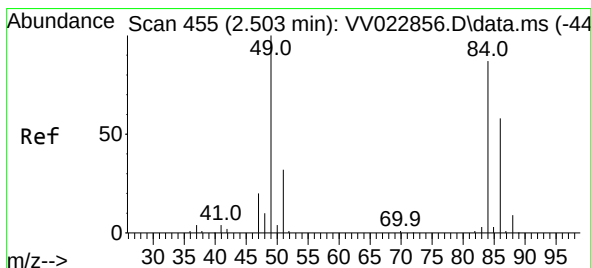
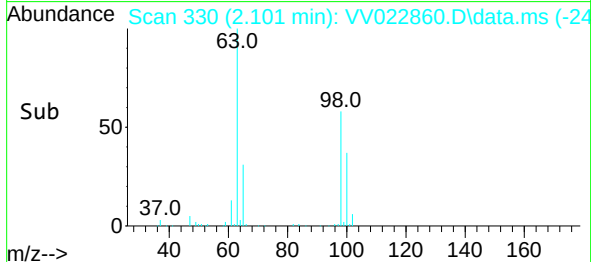
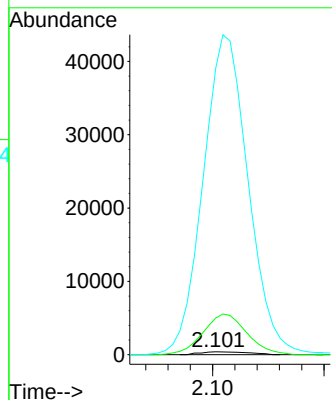
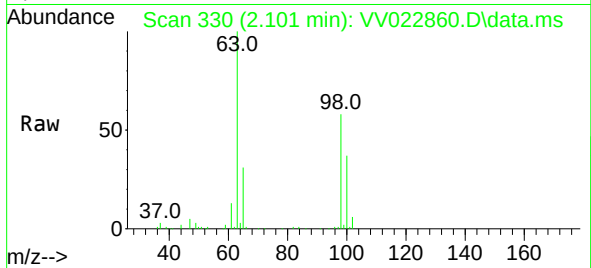




#12
1,1-Dichloroethene
Concen: 0.084 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.016 min
Lab File: VV022860.D
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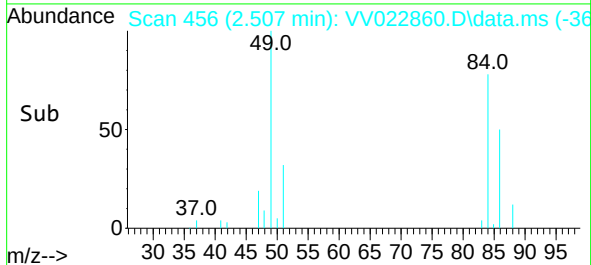
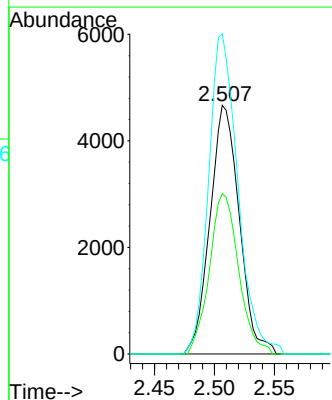
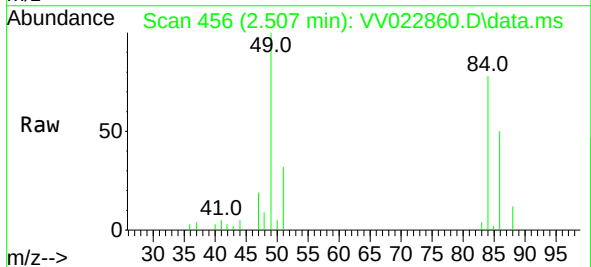
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MSVOA_V
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VHBLK001

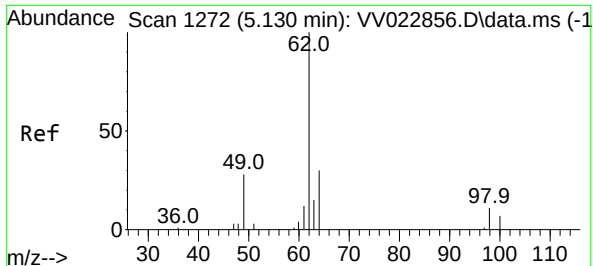
Tgt Ion: 96 Resp: 591
Ion Ratio Lower Upper
96 100
61 1248.0 127.3 236.5#
63 9768.0 106.2 197.2#



#16
Methylene chloride
Concen: 0.814 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022860.D
Acq: 18 Oct 2021 12:44

Tgt Ion: 84 Resp: 7923
Ion Ratio Lower Upper
84 100
86 64.5 45.8 85.2
49 128.7 90.3 167.7





#27

1,2-Dichloroethane

Concen: 0.122 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.080 min

Lab File: VV022860.D

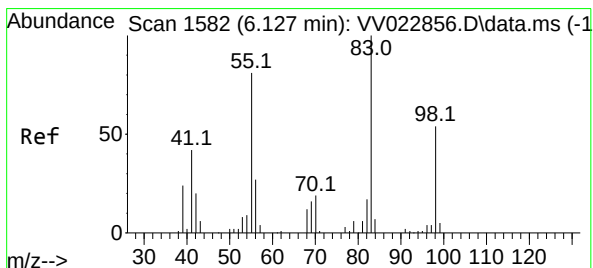
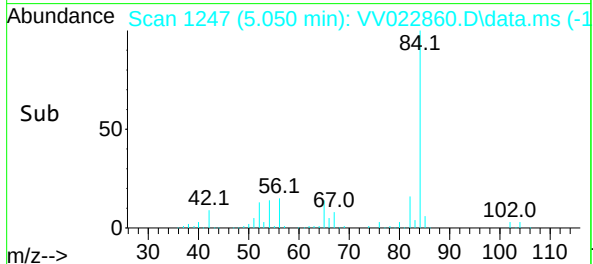
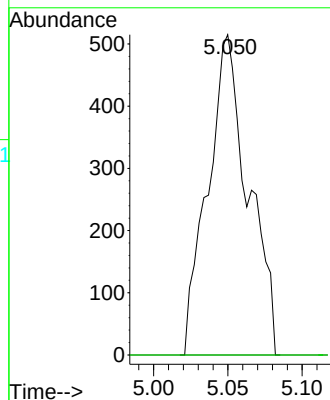
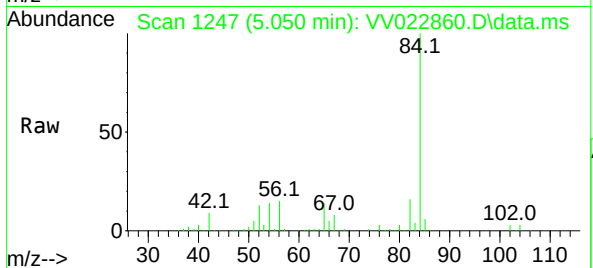
Acq: 18 Oct 2021 12:44

Tgt Ion: 62 Resp: 976

Ion Ratio Lower Upper

62 100

98 0.0 9.7 14.5#



#35

Methylcyclohexane

Concen: 1.054 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV022860.D

Acq: 18 Oct 2021 12:44

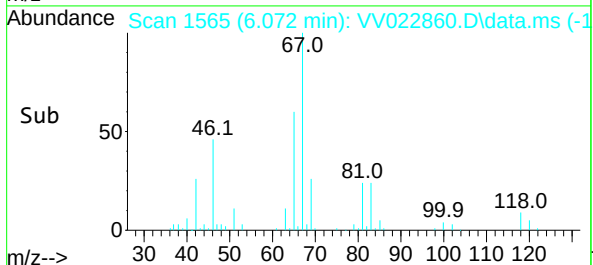
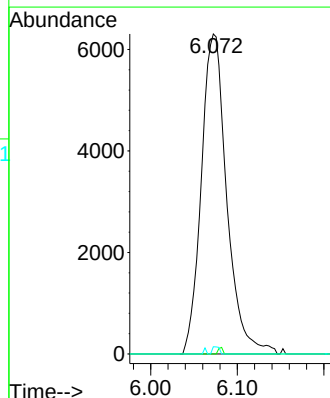
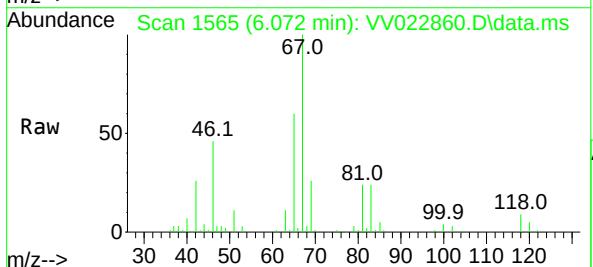
Tgt Ion: 83 Resp: 12896

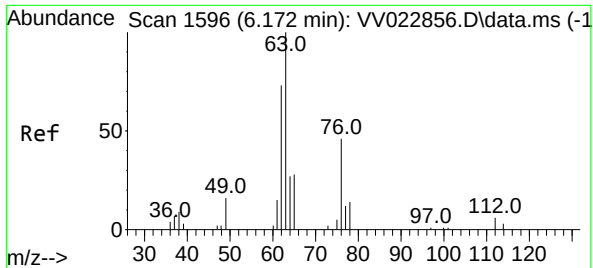
Ion Ratio Lower Upper

83 100

55 0.4 63.8 95.6#

98 0.6 42.1 63.1#

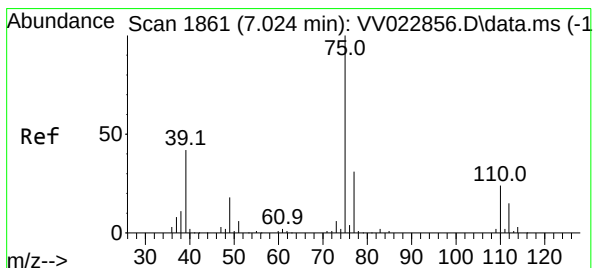
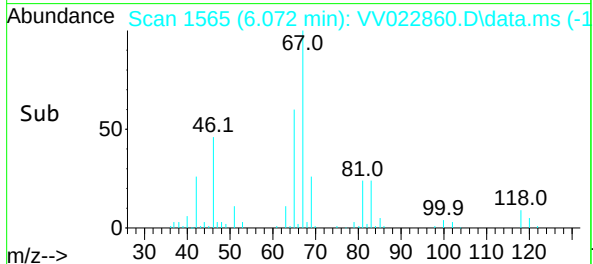
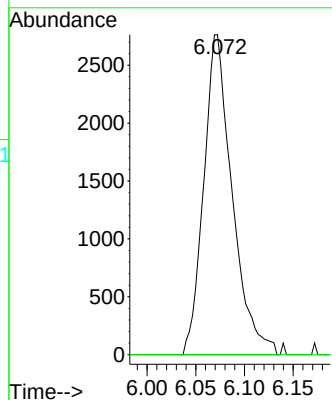
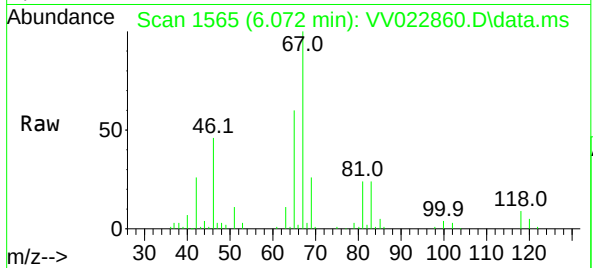




#37
1,2-Dichloropropane
Concen: 0.726 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022860.D
Acq: 18 Oct 2021 12:44

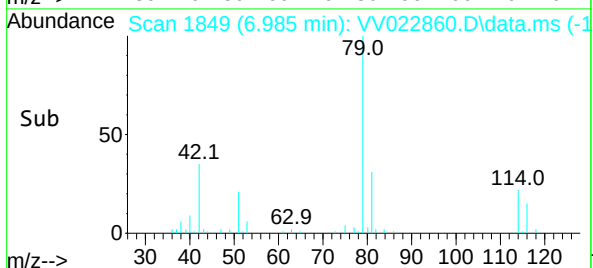
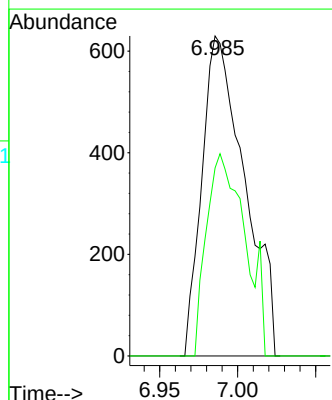
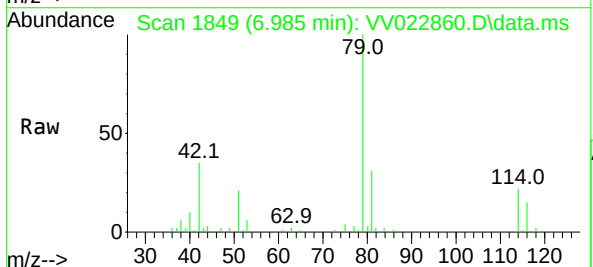
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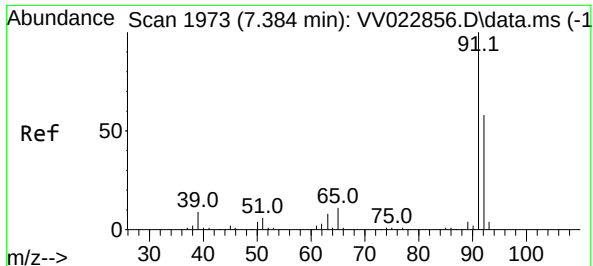
Tgt Ion: 63 Resp: 5612
Ion Ratio Lower Upper
63 100
112 0.4 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.117 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.039 min
Lab File: VV022860.D
Acq: 18 Oct 2021 12:44

Tgt Ion: 75 Resp: 1198
Ion Ratio Lower Upper
75 100
77 58.7 22.3 41.3#

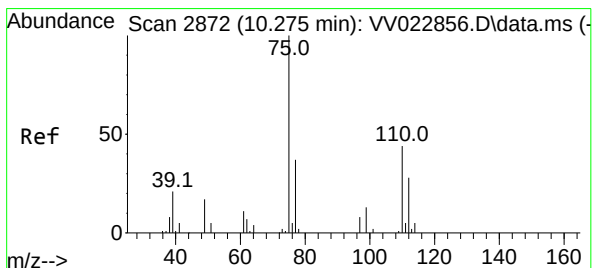
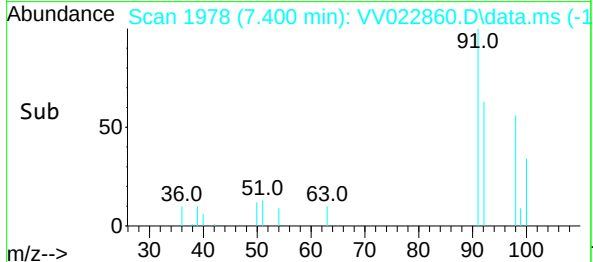
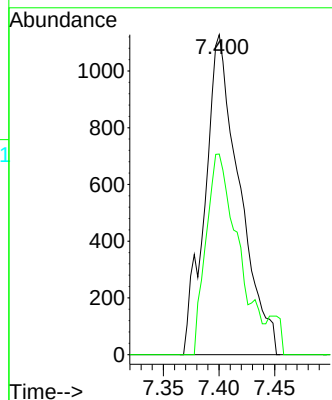
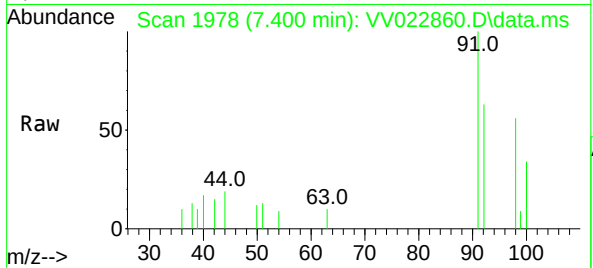




#42
Toluene
Concen: 0.074 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.016 min
Lab File: VV022860.D
Acq: 18 Oct 2021 12:44

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Tgt Ion: 91 Resp: 2427
Ion Ratio Lower Upper
91 100
92 62.7 40.7 75.7



#61
1,2,3-Trichloropropane
Concen: 1.569 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.978 min
Lab File: VV022860.D
Acq: 18 Oct 2021 12:44

Tgt Ion: 75 Resp: 6184
Ion Ratio Lower Upper
75 100
77 33.5 25.4 38.2
110 1.9 34.2 51.4#

