

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042222\
 Data File : VW025693.D
 Acq On : 22 Apr 2022 20:13
 Operator : SY/MD
 Sample : N2492-21
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6W7

Quant Time: Apr 23 02:02:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 23 01:57:52 2022
 Response via : Initial Calibration

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

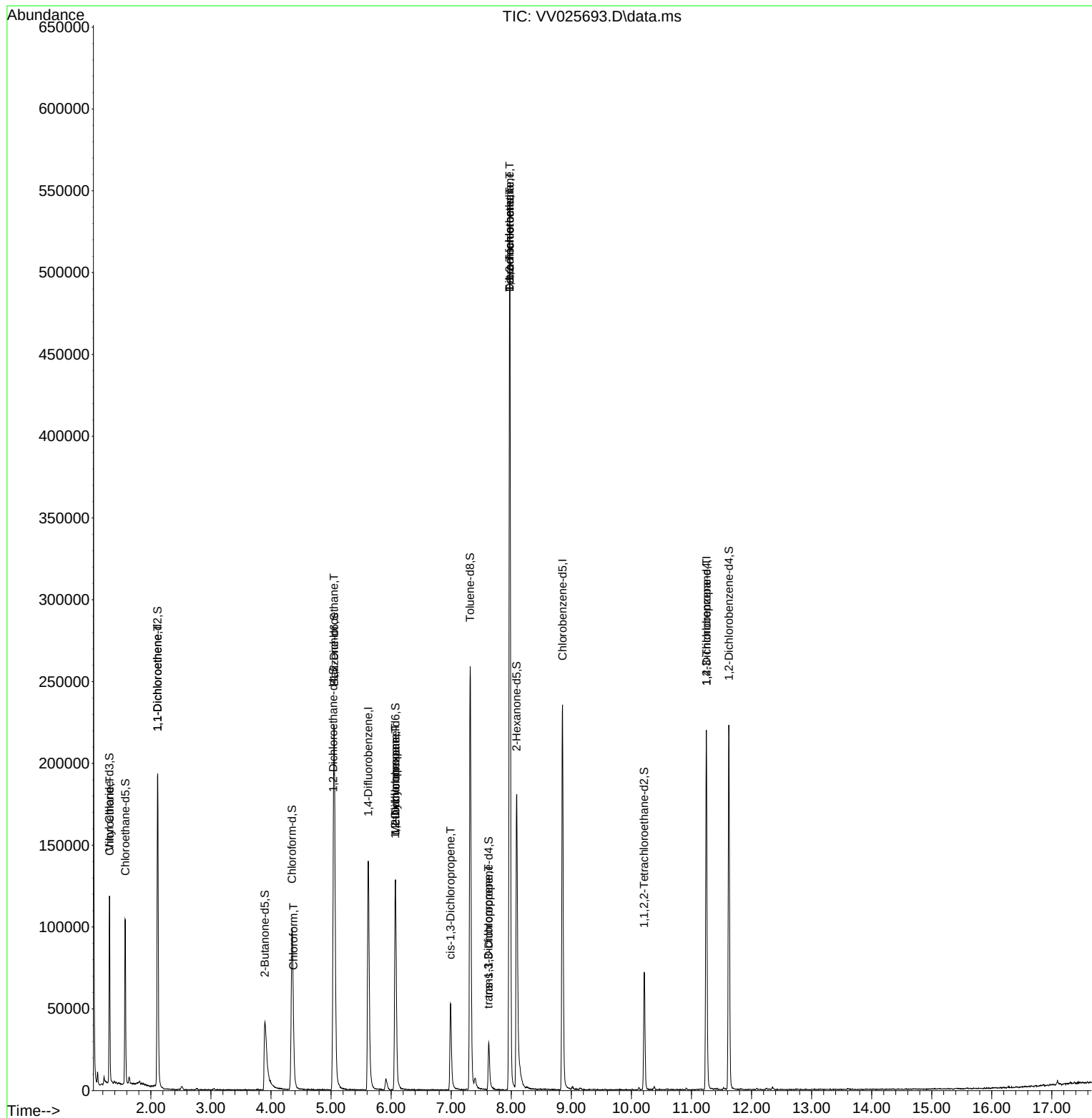
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123358	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128215	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55361	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	69446	6.055	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.200%
7) Chloroethane-d5	1.574	69	63033	5.166	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.111	63	102711	4.471	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	3.899	46	85363	61.190	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.380%
24) Chloroform-d	4.352	84	103445	5.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.400%
26) 1,2-Dichloroethane-d4	5.037	65	47228	6.325	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.400%
32) Benzene-d6	5.053	84	206490	5.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.400%
36) 1,2-Dichloropropane-d6	6.072	67	61711	5.965	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.200%
41) Toluene-d8	7.317	98	172457	5.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	7.625	79	17486	5.028	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.088	63	62426	51.149	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.300%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34166	5.227	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	53241	5.736	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.800%
Target Compounds						
8) Chloroethane	1.314	64	1087	0.103	ug/L #	1
12) 1,1-Dichloroethene	2.111	96	960	0.090	ug/L #	1
25) Chloroform	4.375	83	2082	0.130	ug/L	79
27) 1,2-Dichloroethane	5.050	62	1070	0.127	ug/L #	71
35) Methylcyclohexane	6.072	83	15063	0.939	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6523	0.744	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1336	0.116	ug/L #	43
44) trans-1,3-Dichloropropene	7.619	75	874	0.098	ug/L	99
45) 1,1,2-Trichloroethane	7.976	97	950	0.162	ug/L #	1
47) Tetrachloroethene	7.976	164	113328	14.395	ug/L	99
49) Dibromochloromethane	7.976	129	106790	16.579	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7014	1.924	ug/L #	62

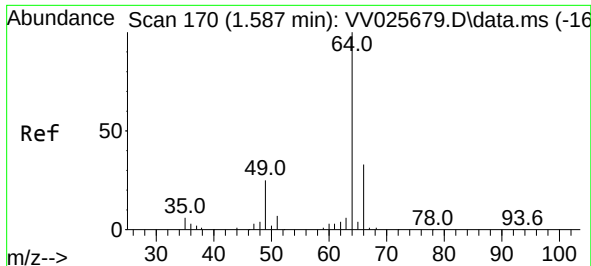
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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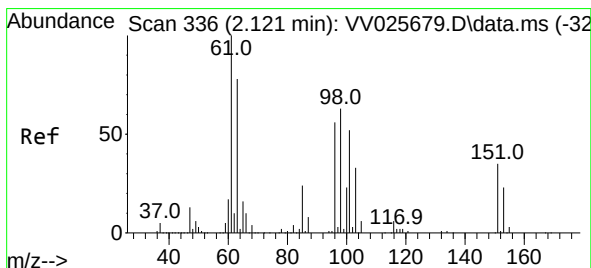
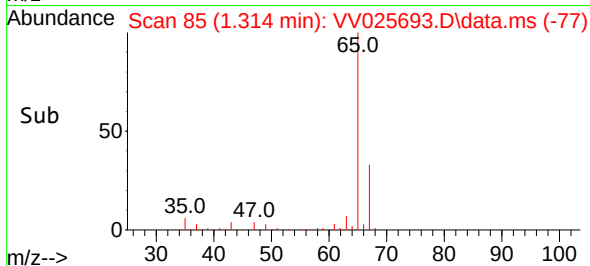
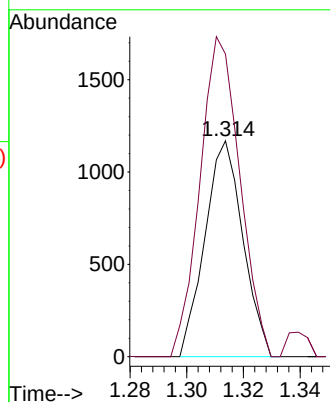
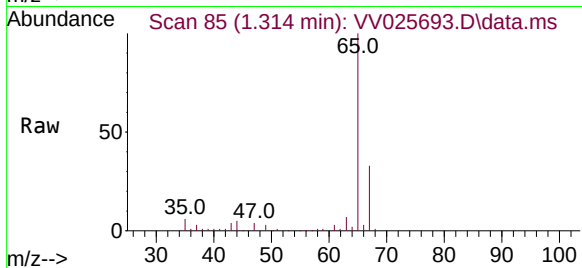




#8
Chloroethane
Concen: 0.103 ug/L
RT: 1.314 min Scan# 81
Delta R.T. -0.273 min
Lab File: VV025693.D
Acq: 22 Apr 2022 20:13

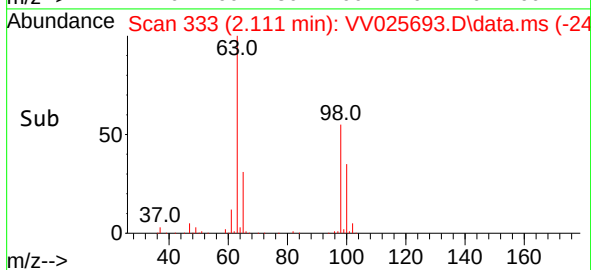
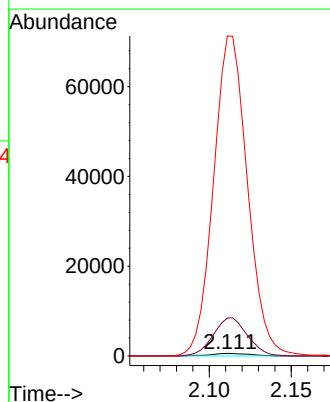
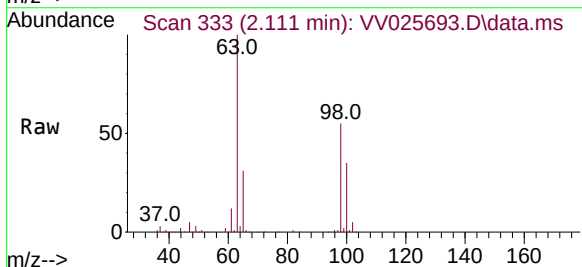
Instrument :
MSVOA_V
ClientSampleId :
EW6W7

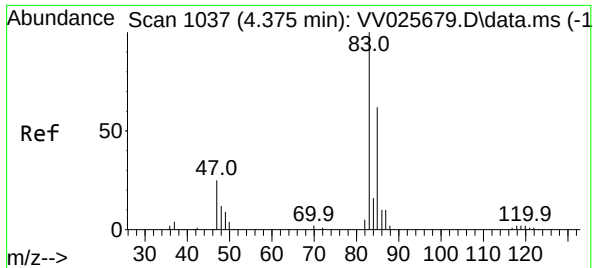
Tgt Ion: 64 Resp: 1087
Ion Ratio Lower Upper
64 100
66 140.2 21.8 40.6#



#12
1,1-Dichloroethene
Concen: 0.090 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.010 min
Lab File: VV025693.D
Acq: 22 Apr 2022 20:13

Tgt Ion: 96 Resp: 960
Ion Ratio Lower Upper
96 100
61 1514.4 125.2 232.4#
63 12801.4 114.4 212.4#

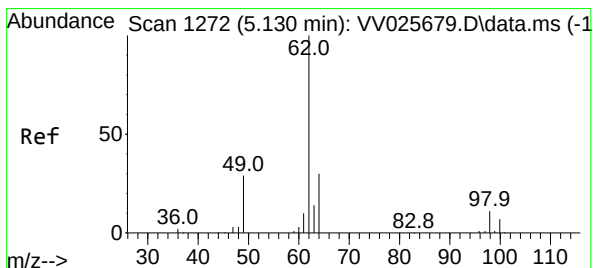
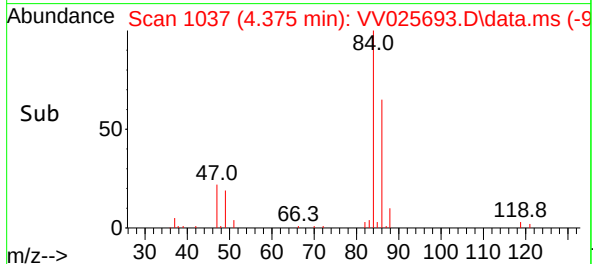
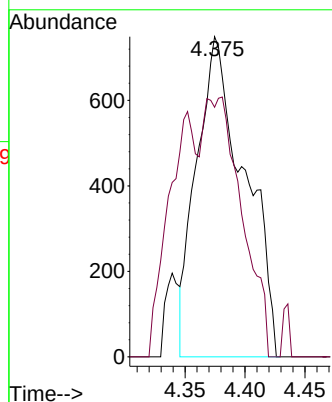
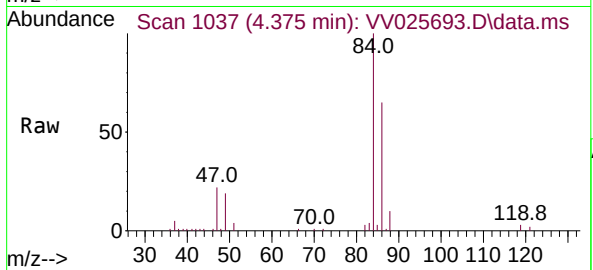




#25
Chloroform
Concen: 0.130 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV025693.D
Acq: 22 Apr 2022 20:13

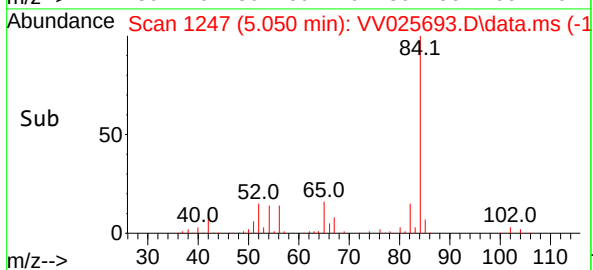
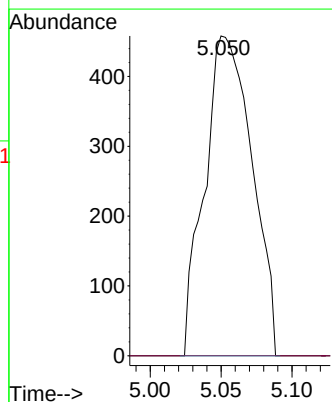
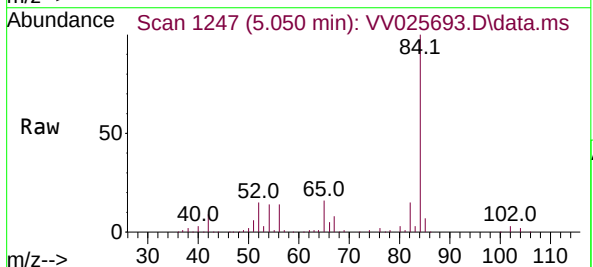
Instrument :
MSVOA_V
ClientSampleId :
EW6W7

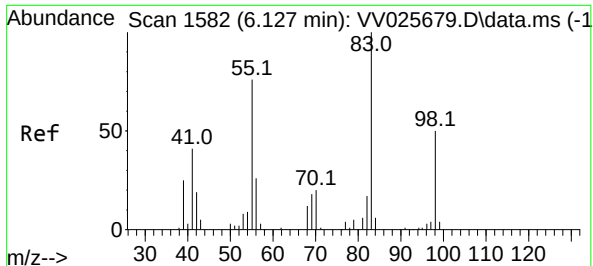
Tgt Ion: 83 Resp: 2082
Ion Ratio Lower Upper
83 100
85 78.0 43.5 80.7



#27
1,2-Dichloroethane
Concen: 0.127 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.077 min
Lab File: VV025693.D
Acq: 22 Apr 2022 20:13

Tgt Ion: 62 Resp: 1070
Ion Ratio Lower Upper
62 100
98 0.0 8.8 13.2#

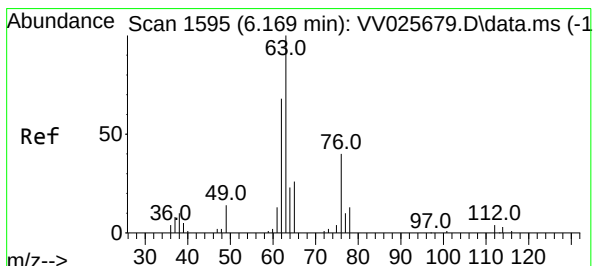
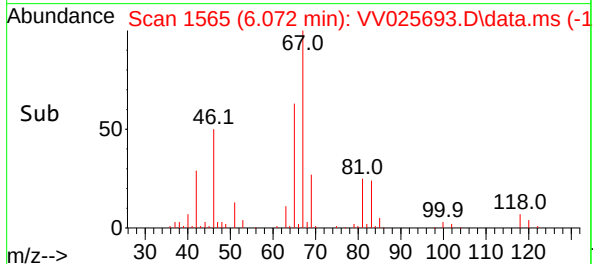
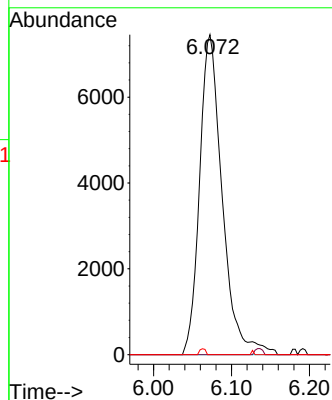
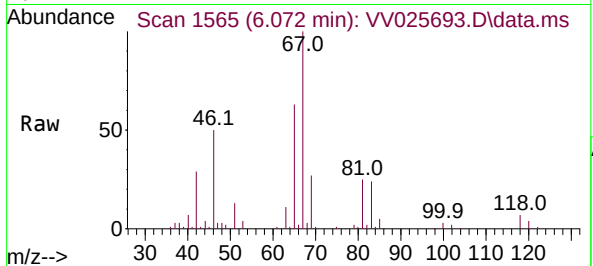




#35
Methylcyclohexane
Concen: 0.939 ug/L
RT: 6.072 min Scan# 11
Delta R.T. -0.055 min
Lab File: VV025693.D
Acq: 22 Apr 2022 20:13

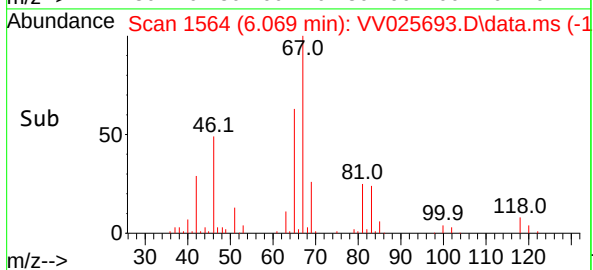
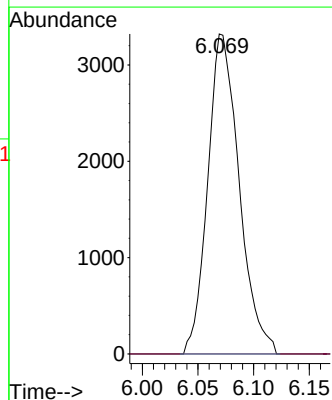
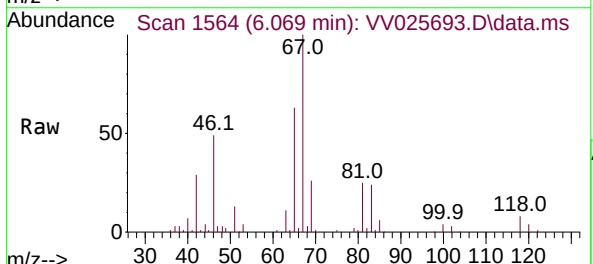
Instrument :
MSVOA_V
ClientSampleId :
EW6W7

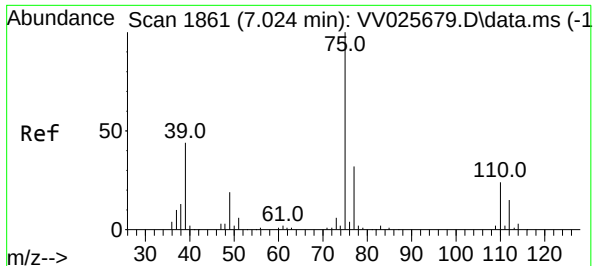
Tgt Ion: 83 Resp: 15063
Ion Ratio Lower Upper
83 100
55 0.6 53.7 80.5#
98 0.5 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.744 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV025693.D
Acq: 22 Apr 2022 20:13

Tgt Ion: 63 Resp: 6523
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025693.D

Acq: 22 Apr 2022 20:13

Instrument :

MSVOA_V

ClientSampleId :

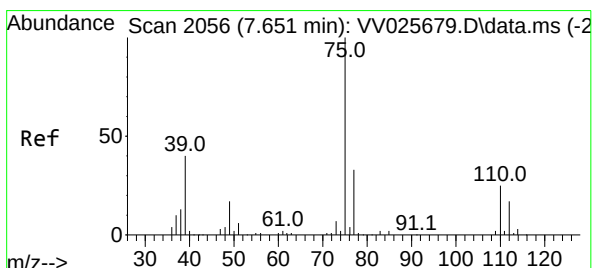
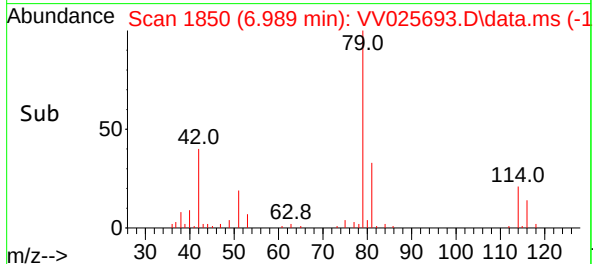
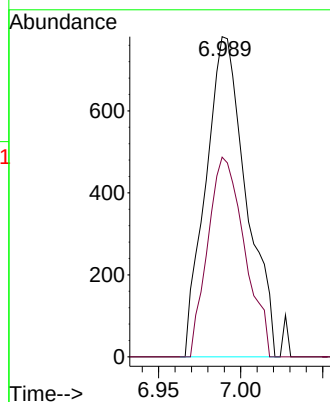
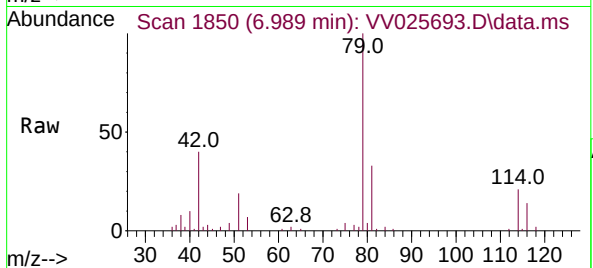
EW6W7

Tgt Ion: 75 Resp: 1336

Ion Ratio Lower Upper

75 100

77 62.4 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.619 min Scan# 2046

Delta R.T. -0.029 min

Lab File: VV025693.D

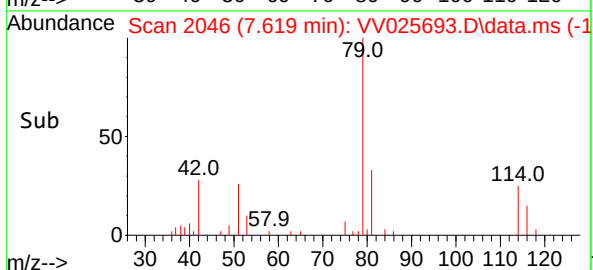
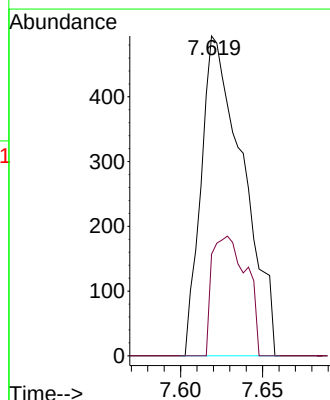
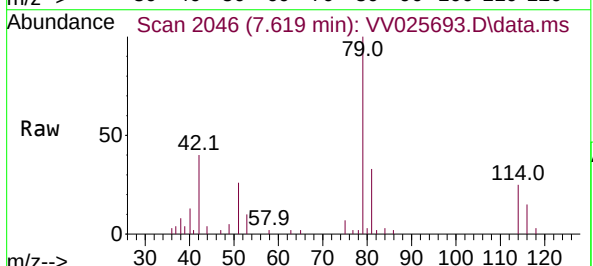
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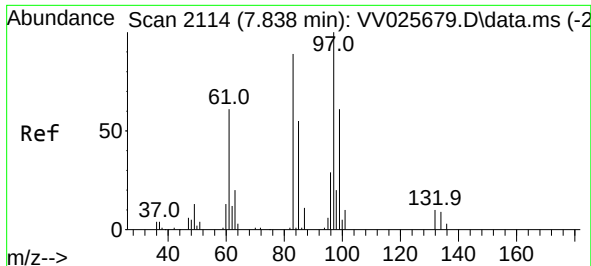
Tgt Ion: 75 Resp: 874

Ion Ratio Lower Upper

75 100

77 31.8 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 0.162 ug/L

RT: 7.976 min Scan# 2114

Delta R.T. 0.142 min

Lab File: VV025693.D

Acq: 22 Apr 2022 20:13

Instrument :

MSVOA_V

ClientSampleId :

EW6W7

Tgt Ion: 97 Resp: 950

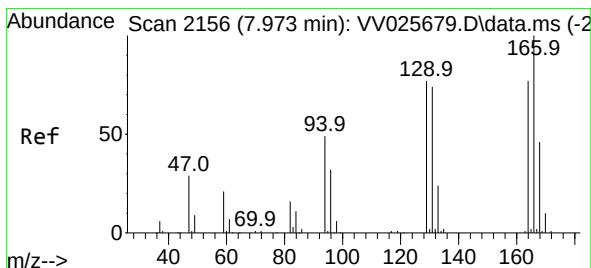
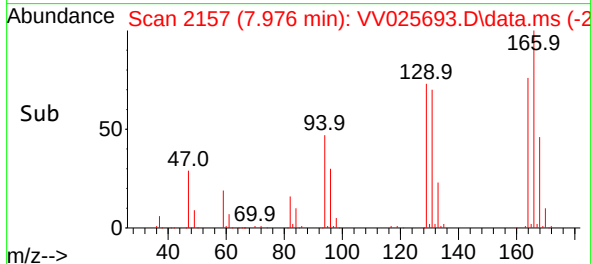
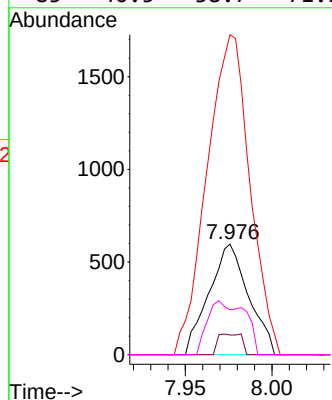
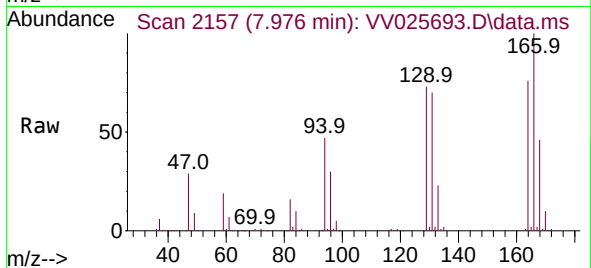
Ion Ratio Lower Upper

97 100

99 17.8 43.8 81.4#

83 289.3 60.3 112.1#

85 40.5 38.7 71.9



#47

Tetrachloroethene

Concen: 14.395 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025693.D

Acq: 22 Apr 2022 20:13

Tgt Ion:164 Resp: 113328

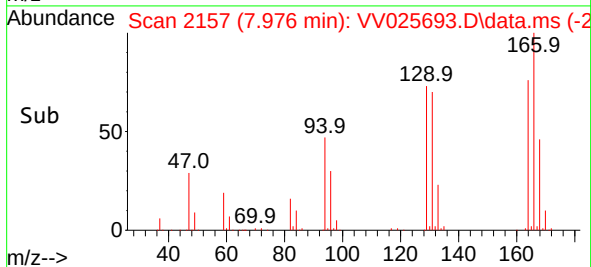
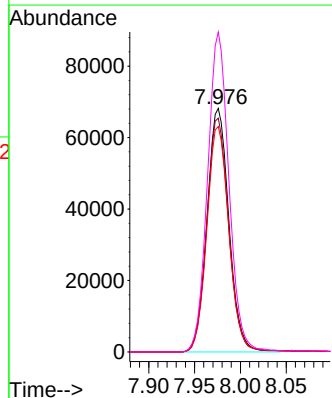
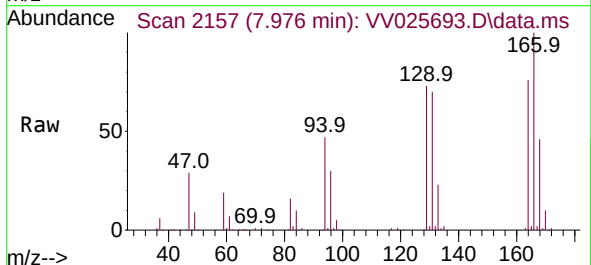
Ion Ratio Lower Upper

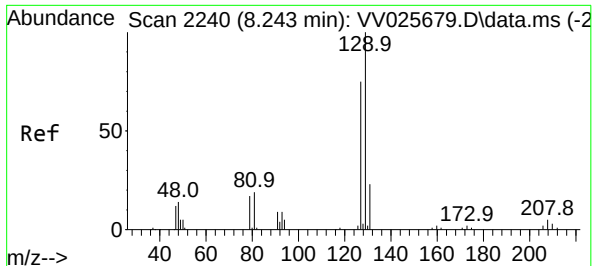
164 100

129 96.0 66.8 124.2

131 92.6 66.4 123.4

166 131.4 91.7 170.3





#49

Dibromochloromethane

Concen: 16.579 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025693.D

Acq: 22 Apr 2022 20:13

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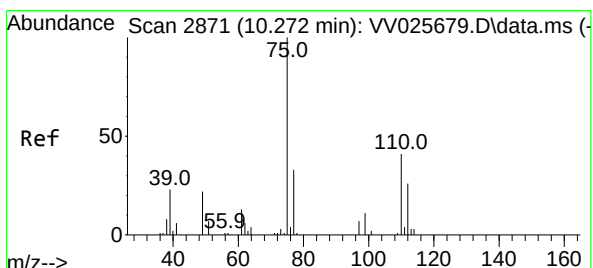
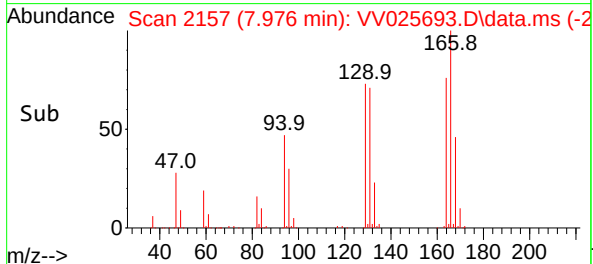
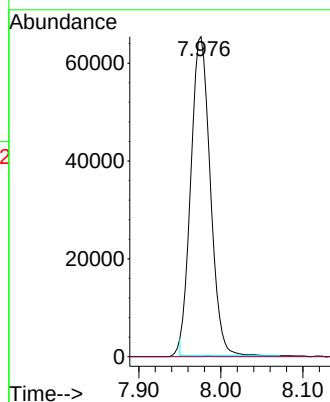
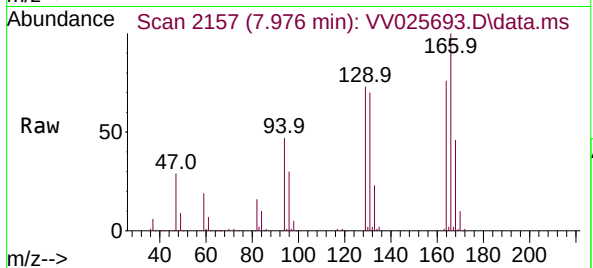
EW6W7

Tgt Ion:129 Resp: 106790

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#61

1,2,3-Trichloropropane

Concen: 1.924 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV025693.D

Acq: 22 Apr 2022 20:13

Tgt Ion: 75 Resp: 7014

Ion Ratio Lower Upper

75 100

77 33.5 25.6 38.4

110 2.7 34.7 52.1#

