

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030323\
 Data File : VV030140.D
 Acq On : 03 Mar 2023 15:19
 Operator : SY/MD
 Sample : 01769-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Mar 03 22:29:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 03 22:25:34 2023
 Response via : Initial Calibration

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

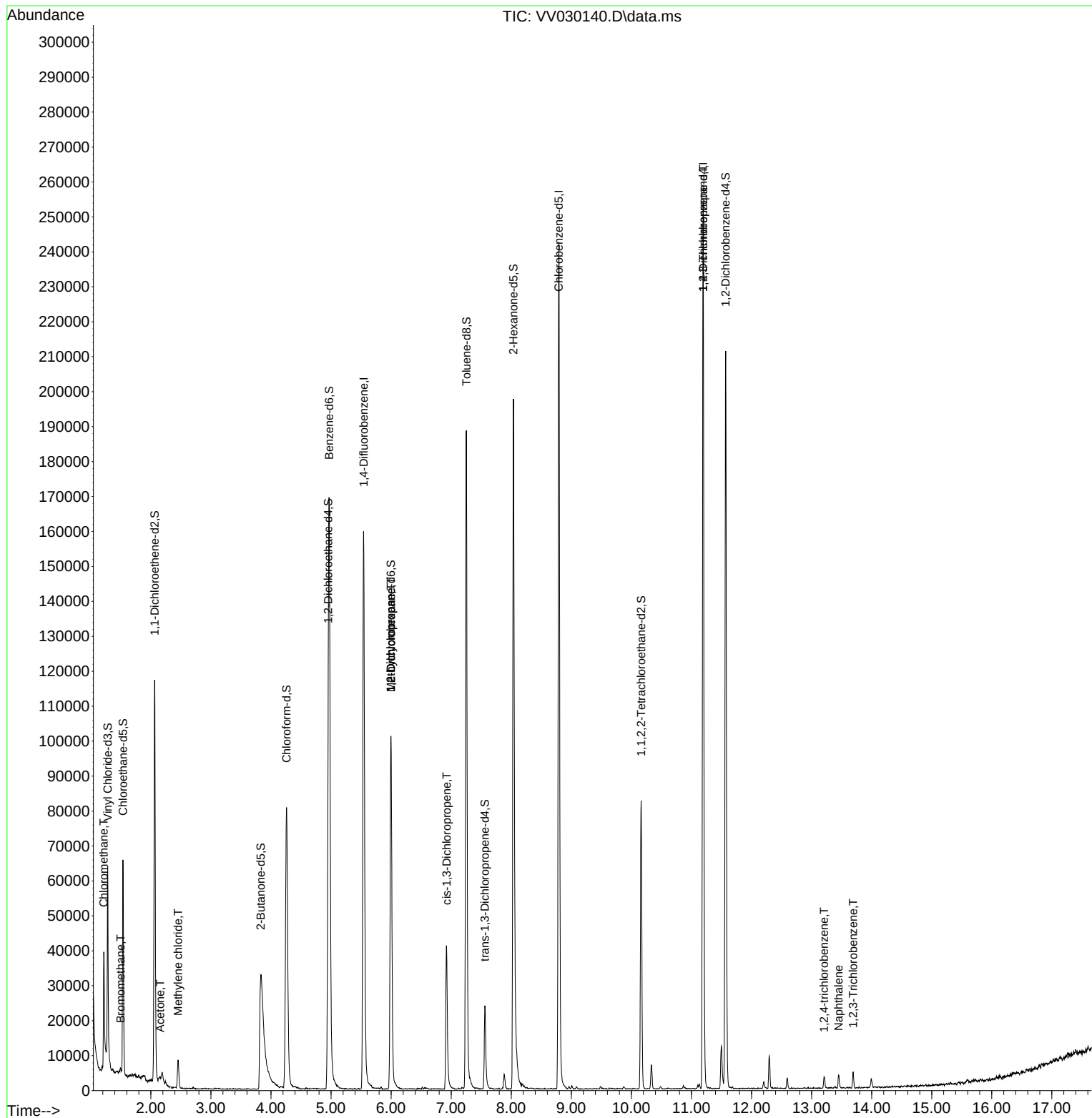
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	147888	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	143420	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	71412	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	37211	3.889	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.536	69	39492	4.397	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.063	63	61847	3.144	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.831	46	92801	52.601	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.200%
24) Chloroform-d	4.259	84	91721	4.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	4.953	65	40107	5.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	4.969	84	165582	4.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	5.995	67	55460	4.777	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.252	98	136460	3.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	7.561	79	16548	4.166	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.037	63	79512	48.386	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.780%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	41894	5.072	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	56351	4.664	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	27162	1.433	ug/L	97
6) Bromomethane	1.494	94	828	0.366	ug/L	75
13) Acetone	2.156	43	3041	2.332	ug/L #	23
16) Methylene chloride	2.455	84	3819	0.315	ug/L	93
35) Methylcyclohexane	5.998	83	13349	0.804	ug/L #	20
37) 1,2-Dichloropropane	5.998	63	5937	0.596	ug/L #	86
39) cis-1,3-Dichloropropene	6.924	75	1118	0.077	ug/L #	79
61) 1,2,3-Trichloropropane	11.194	75	7910	1.655	ug/L #	64
70) 1,2,4-trichlorobenzene	13.207	180	1595	0.112	ug/L	86
71) Naphthalene	13.451	128	3211	0.172	ug/L	98
72) 1,2,3-Trichlorobenzene	13.693	180	1602	0.137	ug/L	92

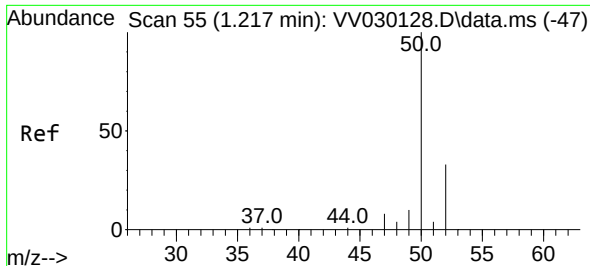
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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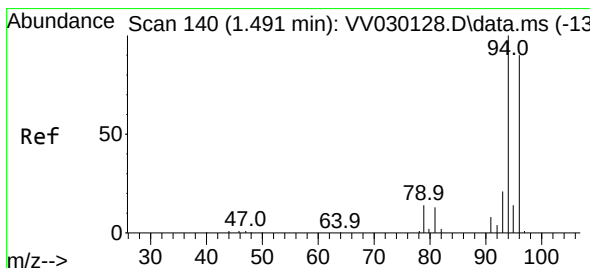
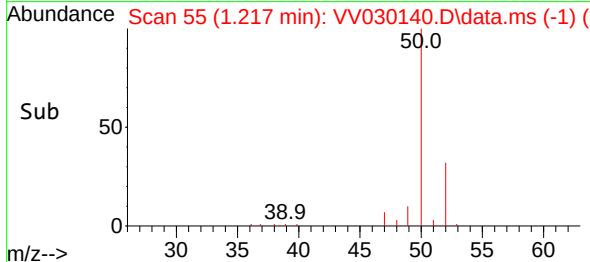
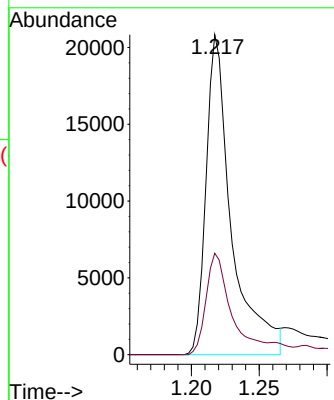
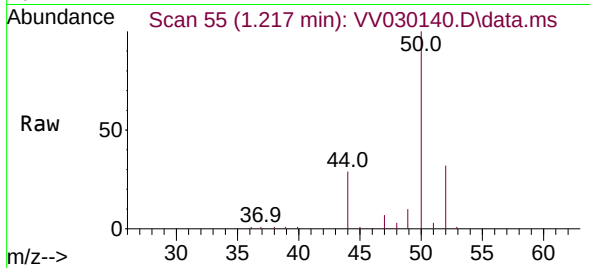




#3
Chloromethane
Concen: 1.433 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030140.D
Acq: 03 Mar 2023 15:19

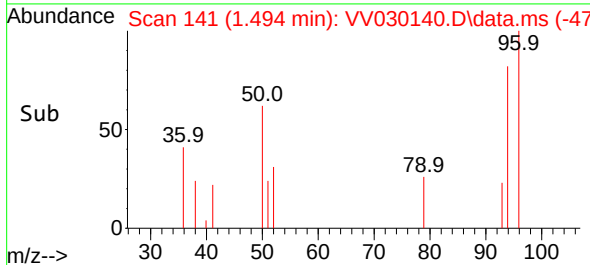
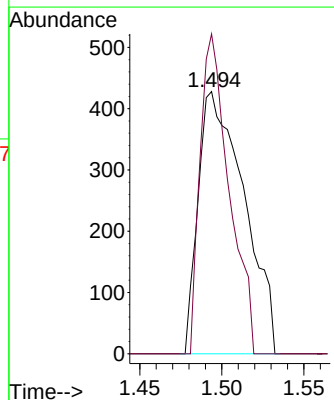
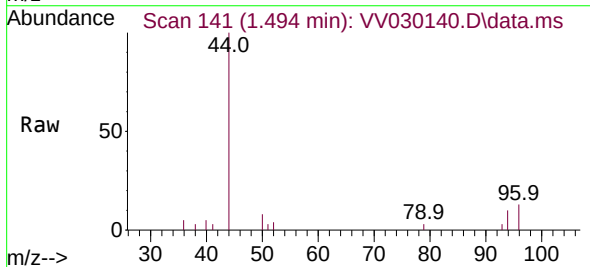
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

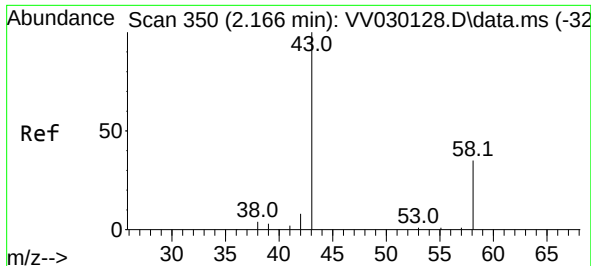
Tgt Ion: 50 Resp: 27162
Ion Ratio Lower Upper
50 100
52 31.7 23.6 43.8



#6
Bromomethane
Concen: 0.366 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030140.D
Acq: 03 Mar 2023 15:19

Tgt Ion: 94 Resp: 828
Ion Ratio Lower Upper
94 100
96 122.0 68.4 127.0





#13

Acetone

Concen: 2.332 ug/L

RT: 2.156 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV030140.D

Acq: 03 Mar 2023 15:19

Instrument :

MSVOA_V

ClientSampleId :

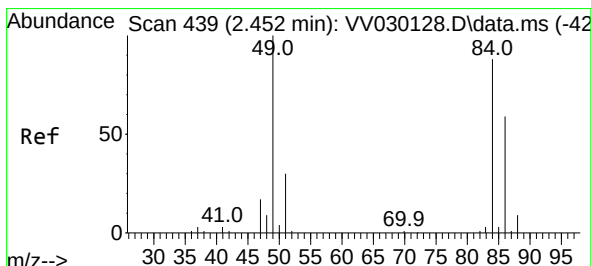
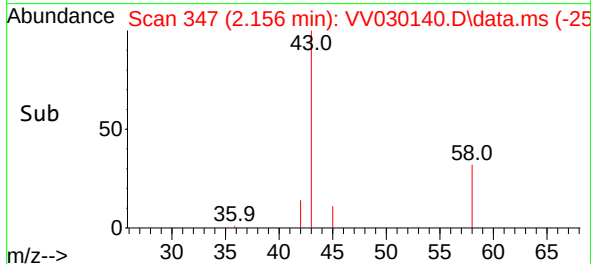
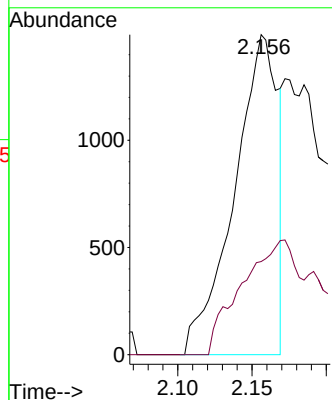
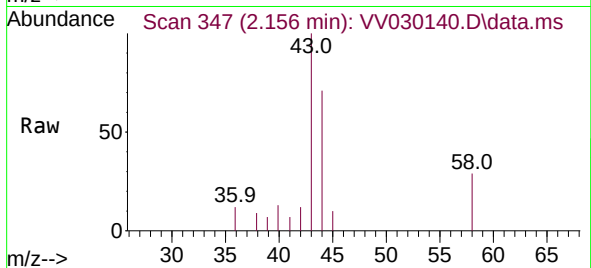
VHBLK001

Tgt Ion: 43 Resp: 3041

Ion Ratio Lower Upper

43 100

58 46.3 0.0 29.4#



#16

Methylene chloride

Concen: 0.315 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.003 min

Lab File: VV030140.D

Acq: 03 Mar 2023 15:19

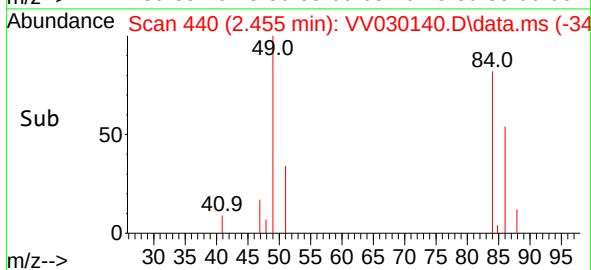
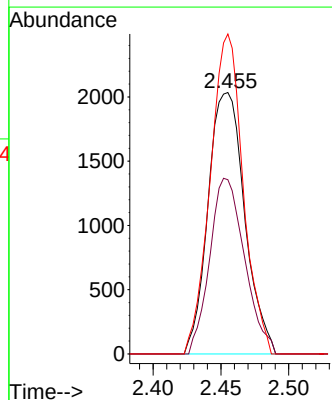
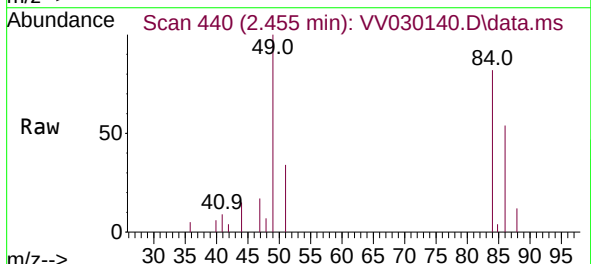
Tgt Ion: 84 Resp: 3819

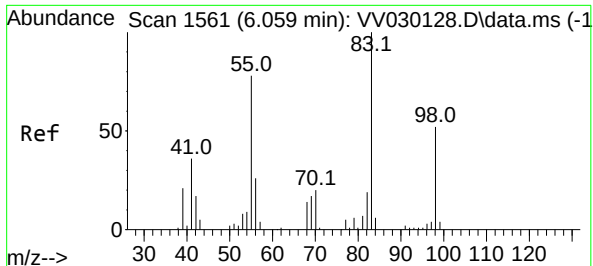
Ion Ratio Lower Upper

84 100

86 66.7 44.7 83.1

49 122.4 78.8 146.3

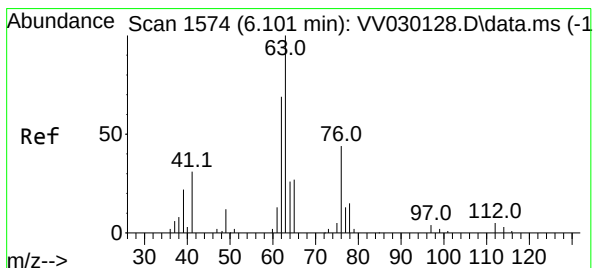
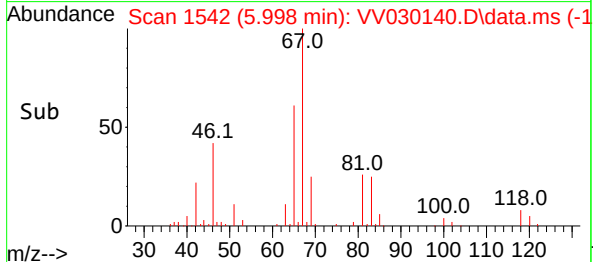
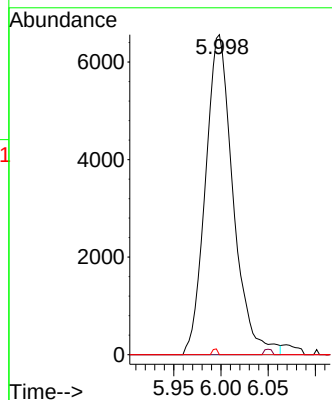
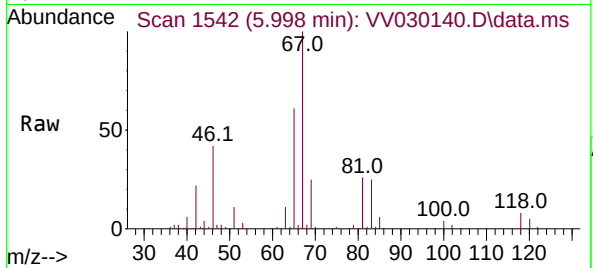




#35
Methylcyclohexane
Concen: 0.804 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030140.D
Acq: 03 Mar 2023 15:19

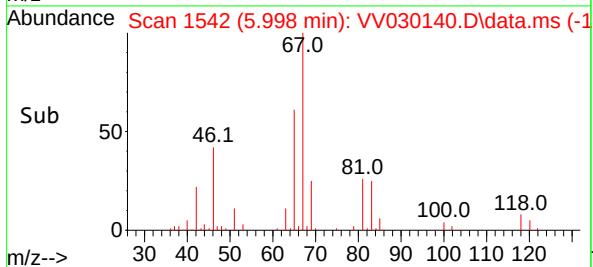
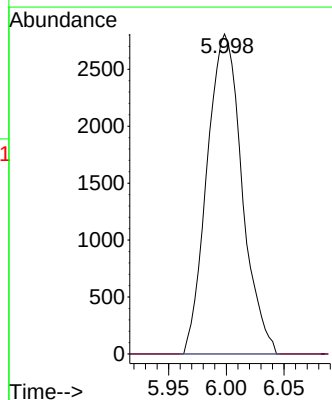
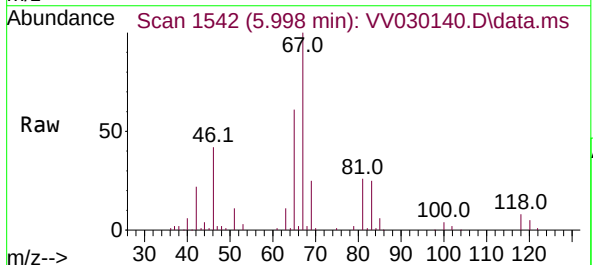
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

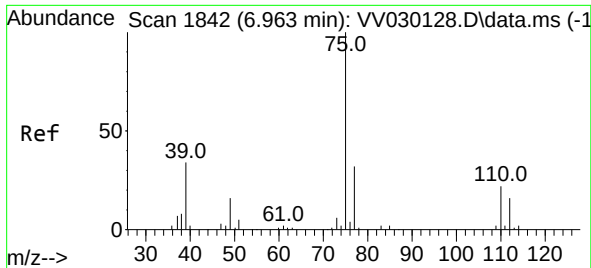
Tgt Ion: 83 Resp: 13349
Ion Ratio Lower Upper
83 100
55 0.5 57.6 86.4#
98 0.3 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030140.D
Acq: 03 Mar 2023 15:19

Tgt Ion: 63 Resp: 5937
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV030140.D

Acq: 03 Mar 2023 15:19

Instrument :

MSVOA_V

ClientSampleId :

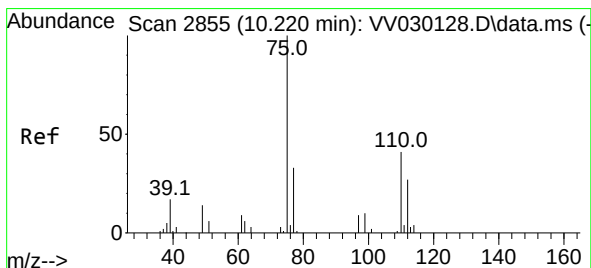
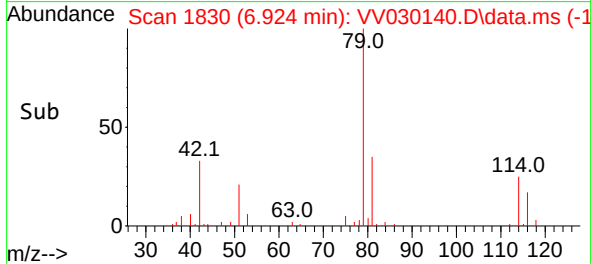
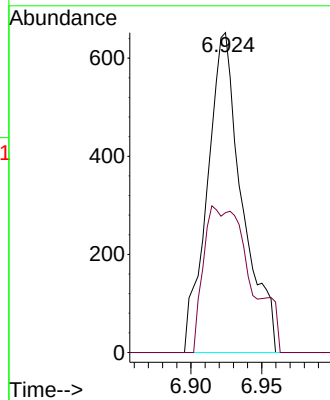
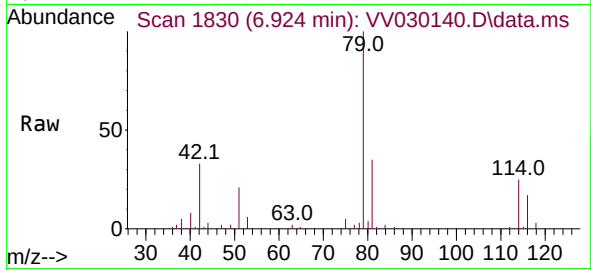
VHBLK001

Tgt Ion: 75 Resp: 1118

Ion Ratio Lower Upper

75 100

77 43.7 22.3 41.3#



#61

1,2,3-Trichloropropane

Concen: 1.655 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.974 min

Lab File: VV030140.D

Acq: 03 Mar 2023 15:19

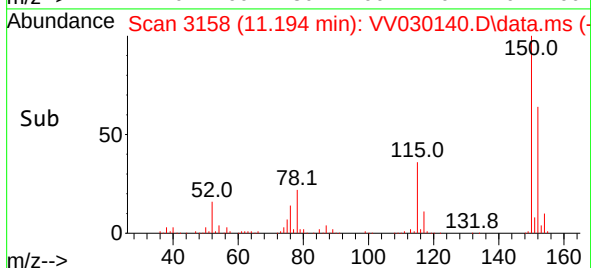
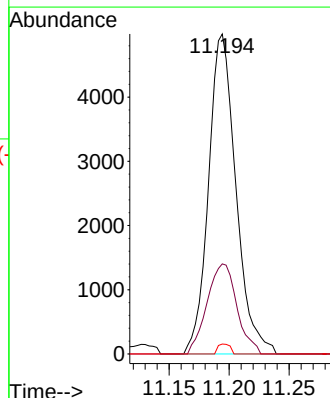
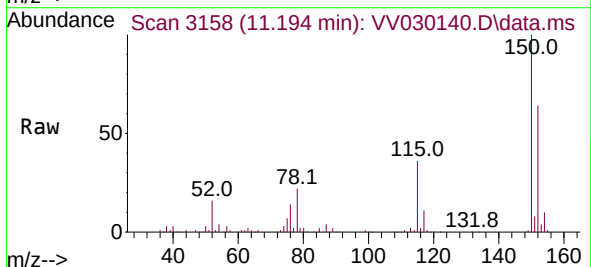
Tgt Ion: 75 Resp: 7910

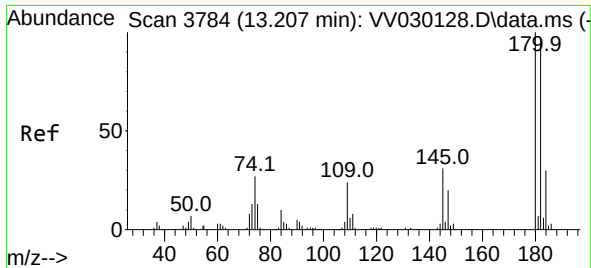
Ion Ratio Lower Upper

75 100

77 30.6 26.5 39.7

110 1.4 31.8 47.6#

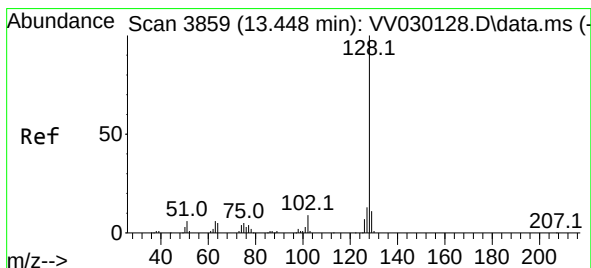
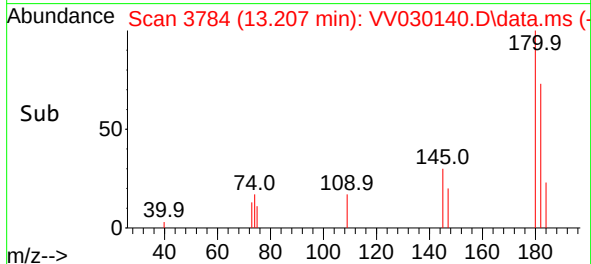
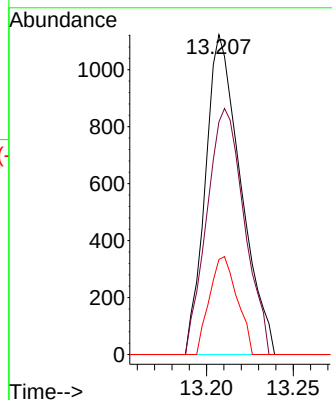
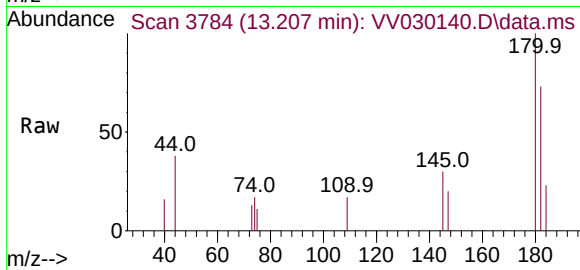




#70
1,2,4-trichlorobenzene
Concen: 0.112 ug/L
RT: 13.207 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030140.D
Acq: 03 Mar 2023 15:19

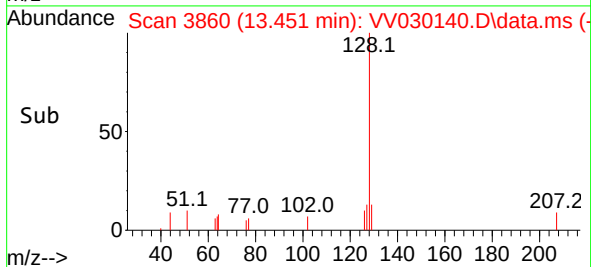
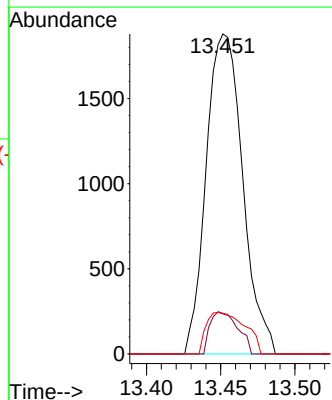
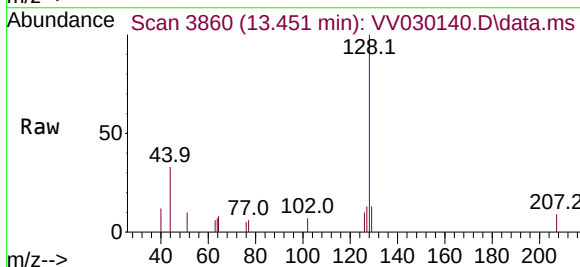
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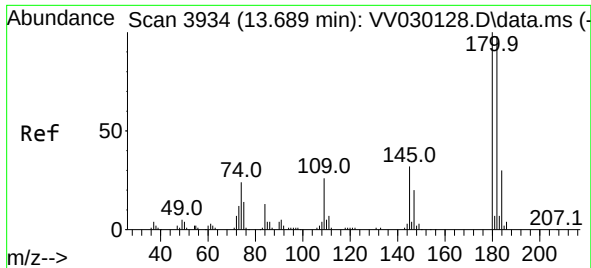
Tgt Ion:180	Resp:	1595
Ion Ratio	Lower	Upper
180	100	
182	81.3	77.3 115.9
145	23.9	23.1 34.7



#71
Naphthalene
Concen: 0.172 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV030140.D
Acq: 03 Mar 2023 15:19

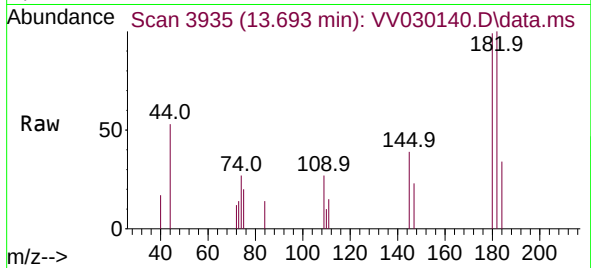
Tgt Ion:128	Resp:	3211
Ion Ratio	Lower	Upper
128	100	
129	10.1	8.6 13.0
127	13.7	10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.137 ug/L
 RT: 13.693 min Scan# 3935
 Delta R.T. 0.003 min
 Lab File: VV030140.D
 Acq: 03 Mar 2023 15:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001



Tgt Ion:	180	Resp:	1602
Ion Ratio	Lower	Upper	
180	100		
182	104.4	76.2	114.2
145	33.8	25.1	37.7

