

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032123\
 Data File : VW030282.D
 Acq On : 21 Mar 2023 17:21
 Operator : SY/MD
 Sample : 02005-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Mar 22 06:08:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 22 06:04:48 2023
 Response via : Initial Calibration

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

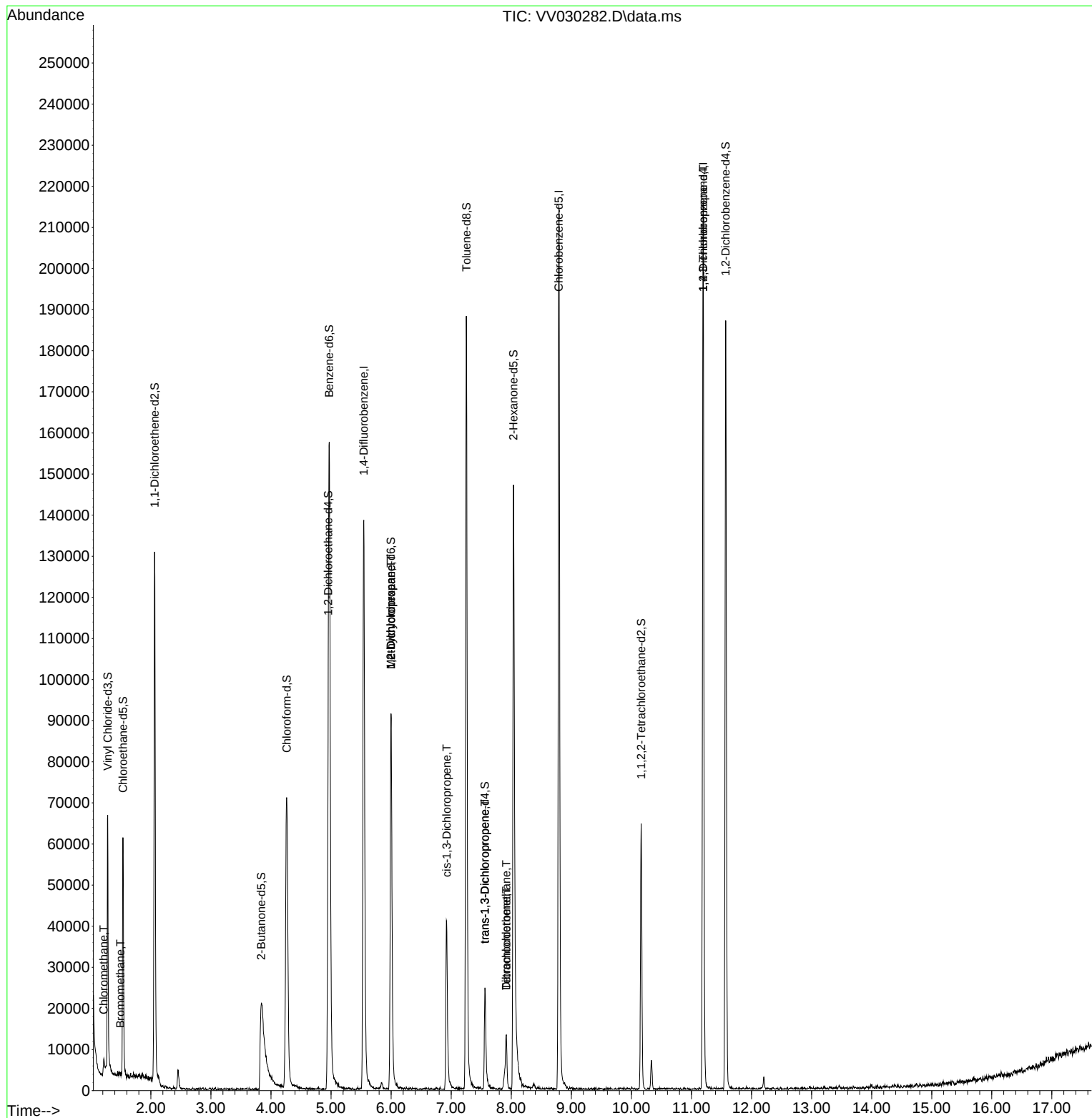
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	120878	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	118402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58428	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	41140	5.260	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.200%
7) Chloroethane-d5	1.535	69	37183	5.064	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.063	63	67974	4.227	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	3.838	46	66904	46.396	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.800%
24) Chloroform-d	4.262	84	76642	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	4.953	65	39779	6.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.000%
32) Benzene-d6	4.969	84	140570	4.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	5.998	67	40265	4.201	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.252	98	128241	4.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.561	79	15206	4.637	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.037	63	56224	41.444	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.880%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	28213	4.138	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	49137	4.971	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2135	0.138	ug/L	95
6) Bromomethane	1.494	94	178	0.096	ug/L #	66
35) Methylcyclohexane	5.998	83	11022	0.804	ug/L #	20
37) 1,2-Dichloropropane	5.998	63	5269	0.640	ug/L #	86
39) cis-1,3-Dichloropropene	6.924	75	1521	0.126	ug/L #	71
44) trans-1,3-Dichloropropene	7.561	75	735	0.078	ug/L #	41
47) Tetrachloroethene	7.918	164	3346	0.430	ug/L	96
49) Dibromochloromethane	7.918	129	2533	0.368	ug/L #	10
61) 1,2,3-Trichloropropane	11.194	75	6675	1.707	ug/L #	66

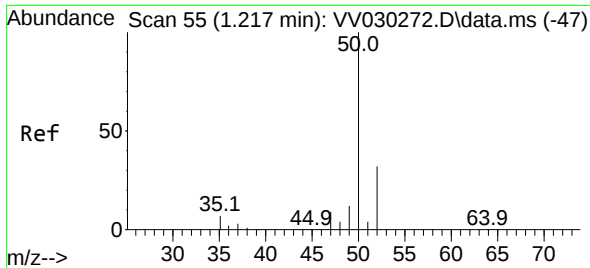
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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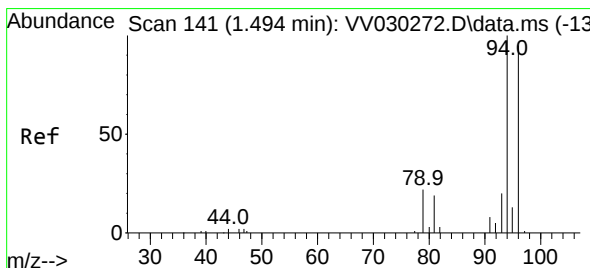
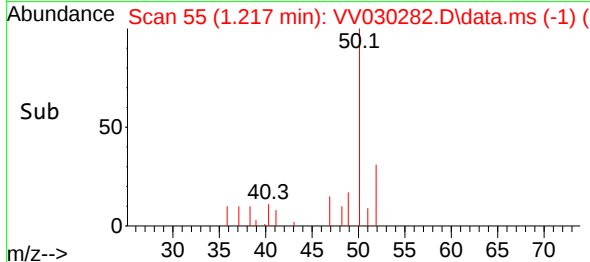
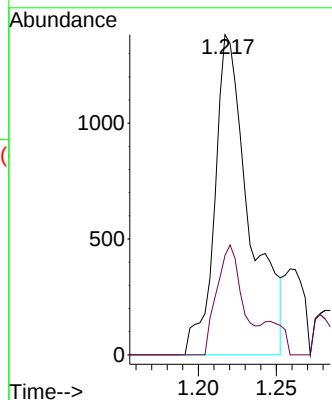
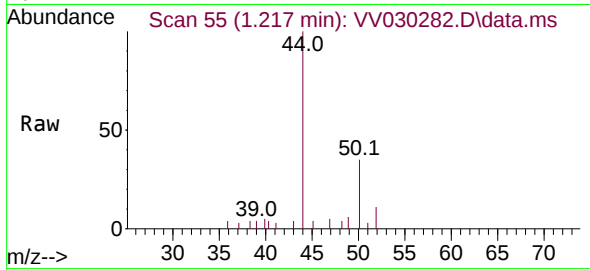




#3
Chloromethane
Concen: 0.138 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV030282.D
Acq: 21 Mar 2023 17:21

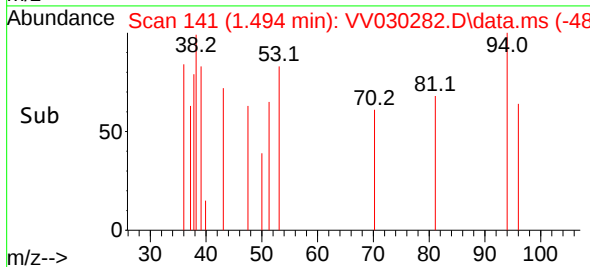
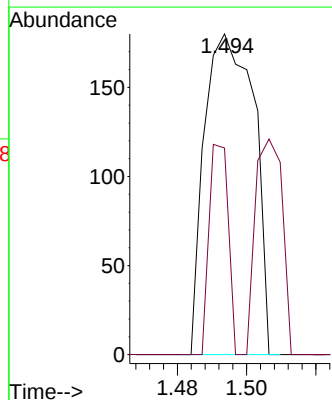
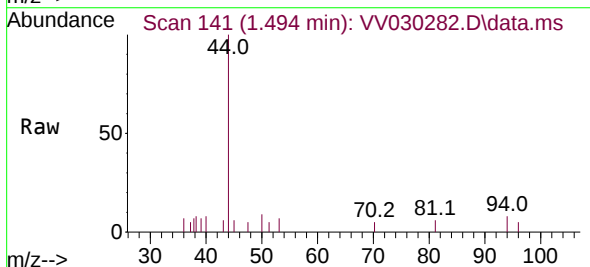
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

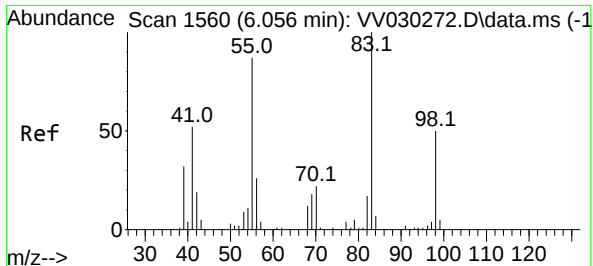
Tgt Ion: 50 Resp: 2135
Ion Ratio Lower Upper
50 100
52 31.0 23.6 43.8



#6
Bromomethane
Concen: 0.096 ug/L
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV030282.D
Acq: 21 Mar 2023 17:21

Tgt Ion: 94 Resp: 178
Ion Ratio Lower Upper
94 100
96 64.4 68.4 127.0#

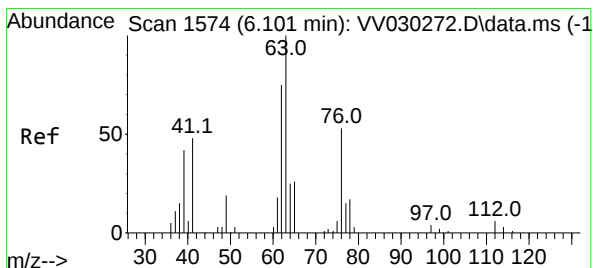
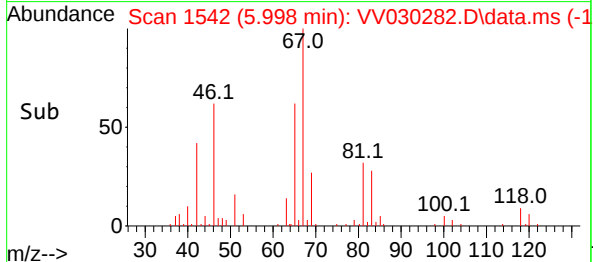
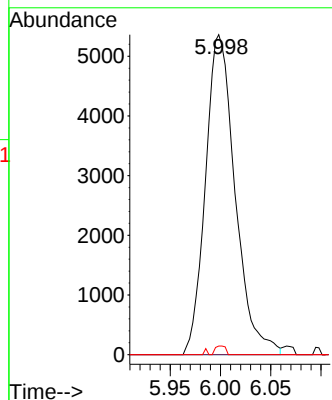
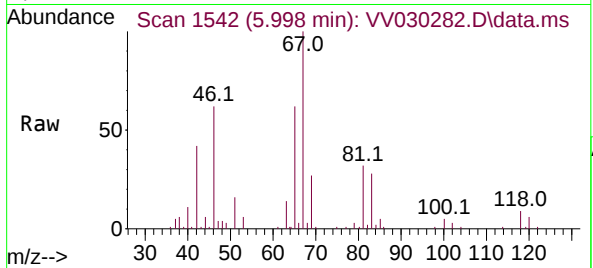




#35
Methylcyclohexane
Concen: 0.804 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030282.D
Acq: 21 Mar 2023 17:21

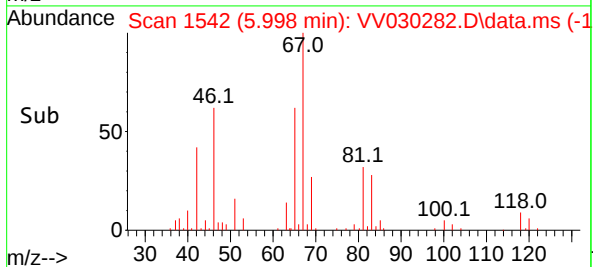
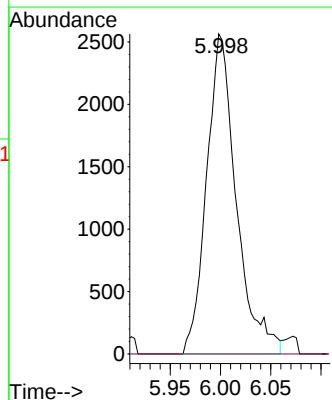
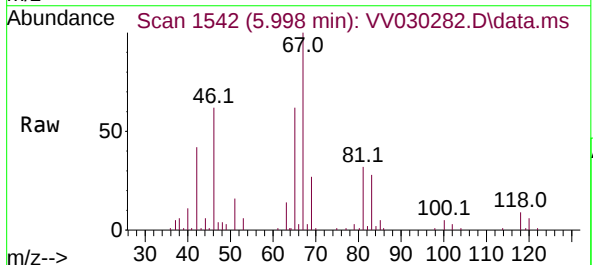
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

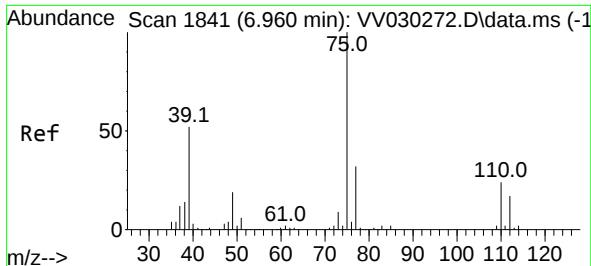
Tgt Ion: 83 Resp: 11022
Ion Ratio Lower Upper
83 100
55 0.0 57.6 86.4#
98 0.9 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.640 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030282.D
Acq: 21 Mar 2023 17:21

Tgt Ion: 63 Resp: 5269
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV030282.D

Acq: 21 Mar 2023 17:21

Instrument :

MSVOA_V

ClientSampleId :

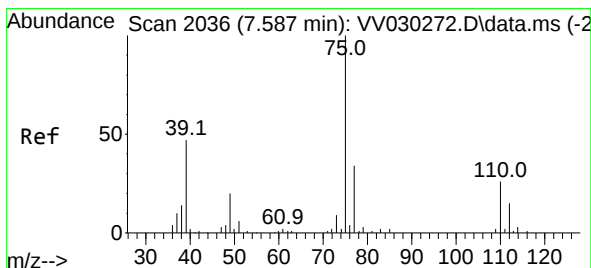
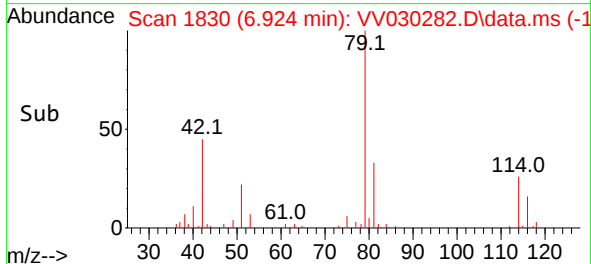
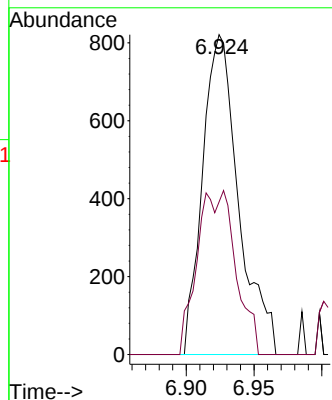
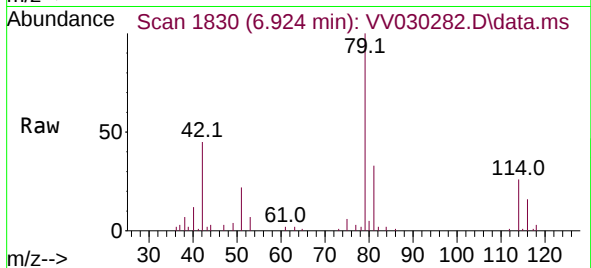
VHBLK001

Tgt Ion: 75 Resp: 1521

Ion Ratio Lower Upper

75 100

77 47.7 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.026 min

Lab File: VV030282.D

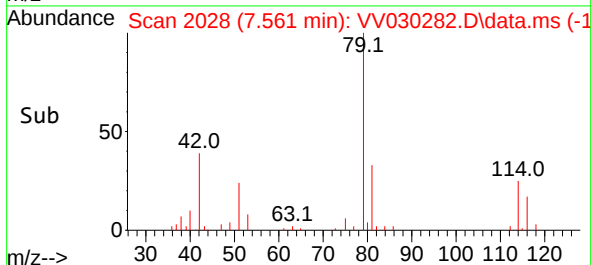
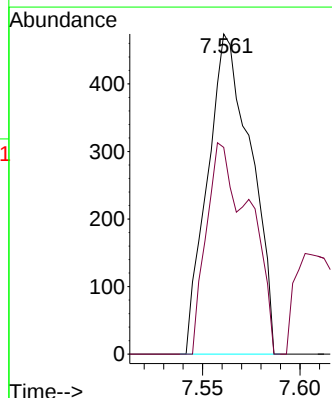
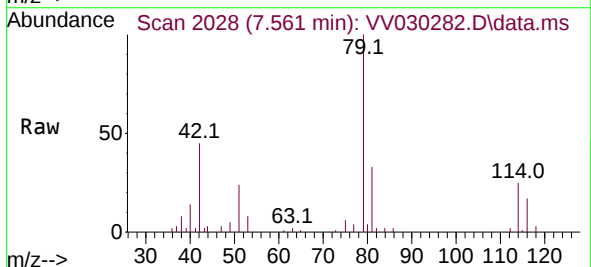
Acq: 21 Mar 2023 17:21

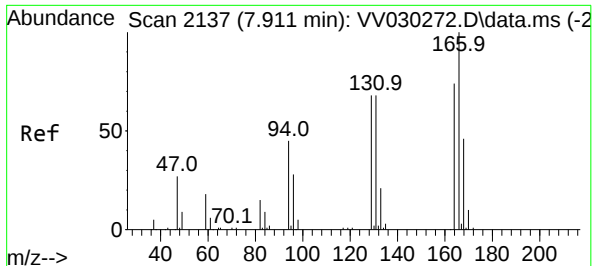
Tgt Ion: 75 Resp: 735

Ion Ratio Lower Upper

75 100

77 64.6 22.1 41.1#





#47

Tetrachloroethene

Concen: 0.430 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. 0.006 min

Lab File: VV030282.D

Acq: 21 Mar 2023 17:21

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

Tgt Ion:164 Resp: 3346

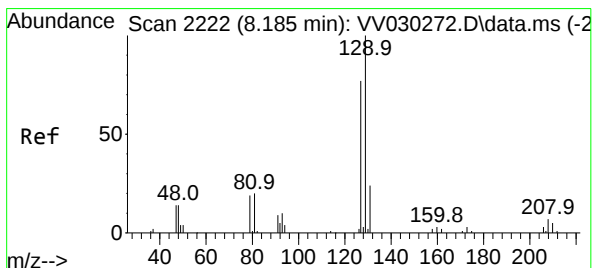
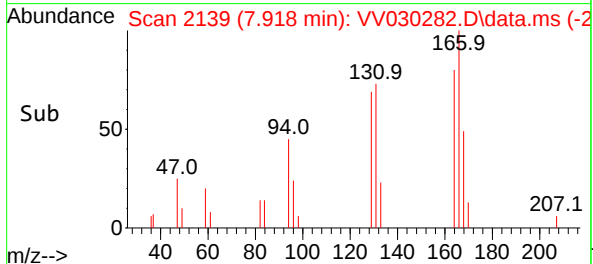
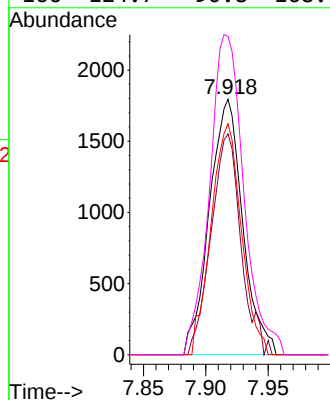
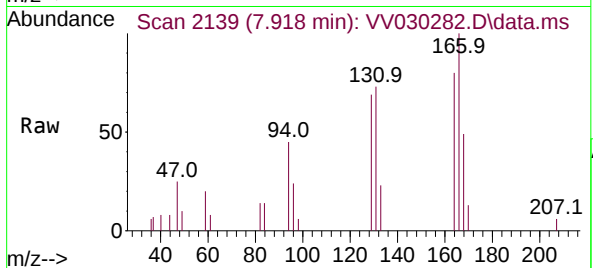
Ion Ratio Lower Upper

164 100

129 86.5 63.6 118.2

131 90.4 61.7 114.7

166 124.7 90.8 168.6



#49

Dibromochloromethane

Concen: 0.368 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. -0.267 min

Lab File: VV030282.D

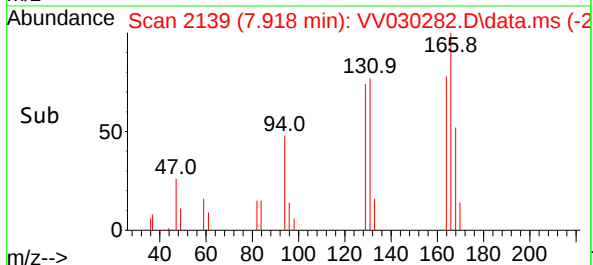
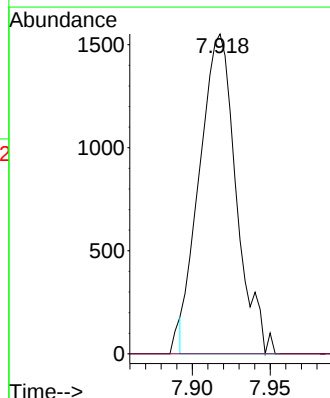
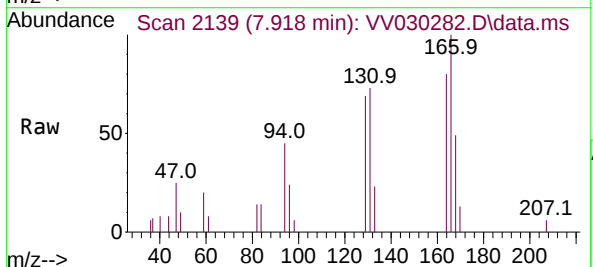
Acq: 21 Mar 2023 17:21

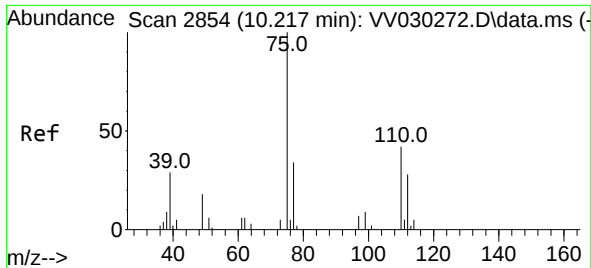
Tgt Ion:129 Resp: 2533

Ion Ratio Lower Upper

129 100

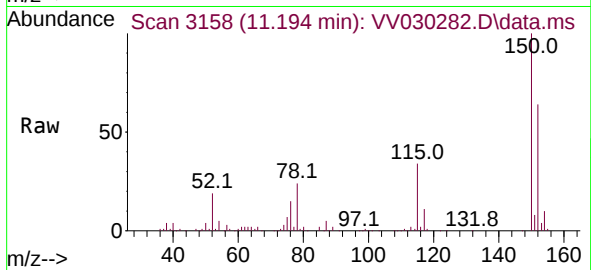
127 0.0 54.7 101.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.707 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV030282.D
 Acq: 21 Mar 2023 17:21

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 75	Resp:	6675
Ion	Ratio	Lower Upper
75	100	
77	32.4	26.5 39.7
110	2.1	31.8 47.6#

