

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040723\
 Data File : VV030442.D
 Acq On : 07 Apr 2023 14:53
 Operator : SY/MD
 Sample : 02194-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDW2

Quant Time: Apr 10 03:56:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 10 03:52:52 2023
 Response via : Initial Calibration

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

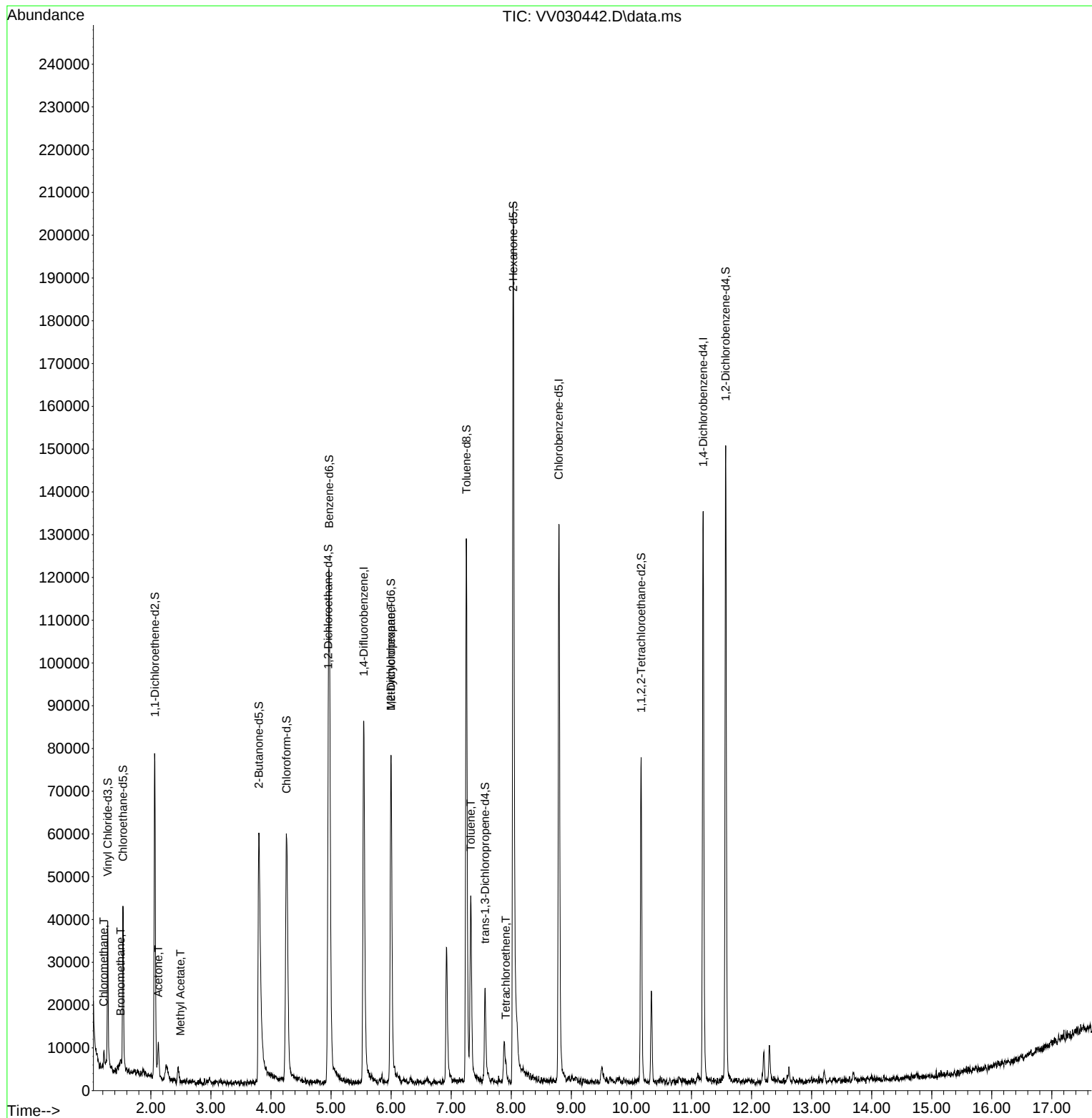
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	73757	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	73139	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	36619	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	21637	4.429	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.600%	
7) Chloroethane-d5	1.535	69	23885	5.038	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.800%	
11) 1,1-Dichloroethene-d2	2.066	63	39149	3.377	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.600%	
20) 2-Butanone-d5	3.799	46	97761	77.427	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	154.860%#	
24) Chloroform-d	4.259	84	60412	5.110	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
26) 1,2-Dichloroethane-d4	4.953	65	37166	6.663	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	133.200%#	
32) Benzene-d6	4.969	84	102964	4.996	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
36) 1,2-Dichloropropane-d6	5.998	67	34413	5.333	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.600%	
41) Toluene-d8	7.252	98	86043	4.546	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
43) trans-1,3-Dichloroprop...	7.564	79	13741	5.656	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	113.200%	
46) 2-Hexanone-d5	8.034	63	72122	73.879	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	147.760%#	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33490	6.585	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	131.800%#	
66) 1,2-Dichlorobenzene-d4	11.570	152	38064	5.816	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	116.400%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	3260	0.276	ug/L	99
6) Bromomethane	1.497	94	465	0.189	ug/L	85
13) Acetone	2.124	43	7774	6.439	ug/L	74
15) Methyl Acetate	2.494	43	393	0.182	ug/L #	57
35) Methylcyclohexane	5.998	83	8820	0.802	ug/L #	17
42) Toluene	7.326	91	30597	1.106	ug/L	96
47) Tetrachloroethene	7.908	164	600	0.097	ug/L #	67

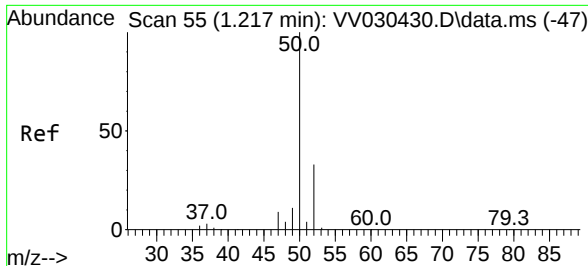
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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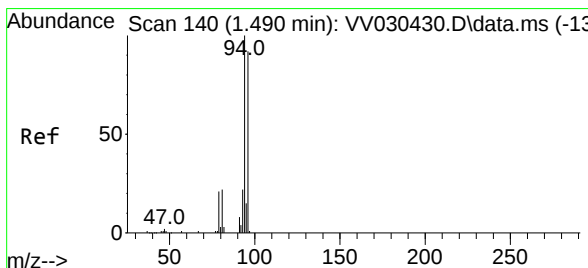
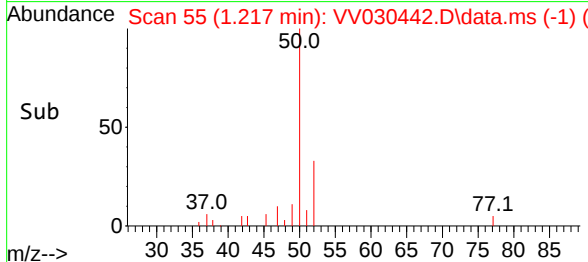
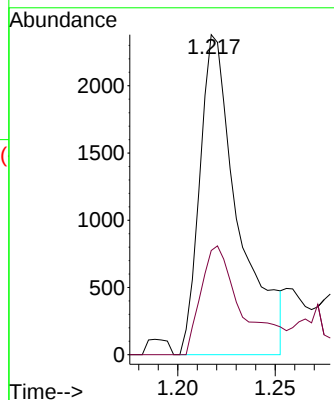
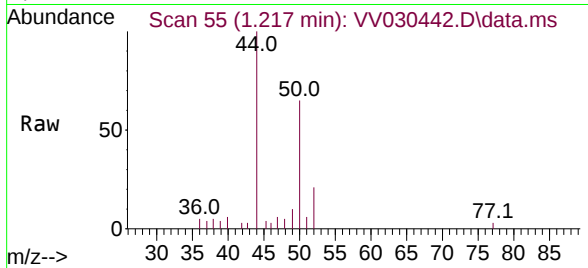




#3
Chloromethane
Concen: 0.276 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030442.D
Acq: 07 Apr 2023 14:53

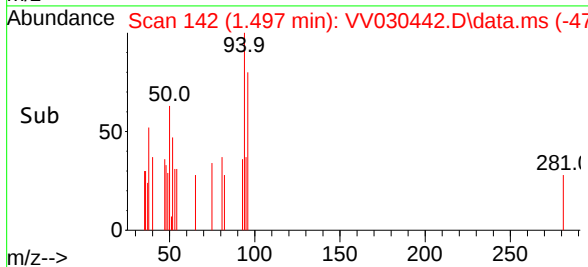
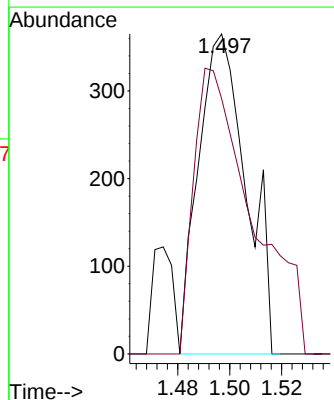
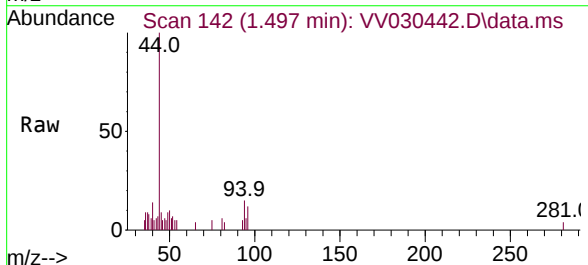
Instrument :
MSVOA_V
ClientSampleId :
BHDW2

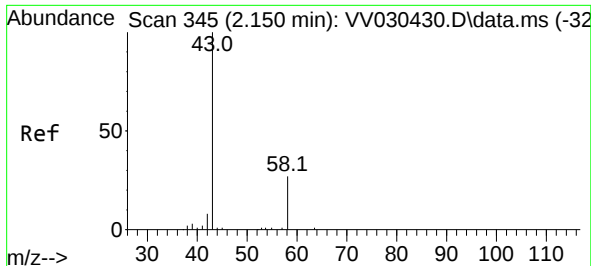
Tgt Ion: 50 Resp: 3260
Ion Ratio Lower Upper
50 100
52 32.6 22.3 41.5



#6
Bromomethane
Concen: 0.189 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030442.D
Acq: 07 Apr 2023 14:53

Tgt Ion: 94 Resp: 465
Ion Ratio Lower Upper
94 100
96 79.7 66.1 122.7





#13

Acetone

Concen: 6.439 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.026 min

Lab File: VV030442.D

Acq: 07 Apr 2023 14:53

Instrument :

MSVOA_V

ClientSampleId :

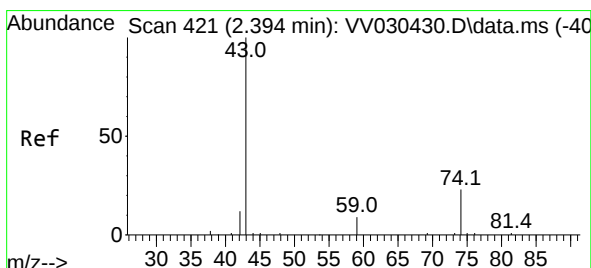
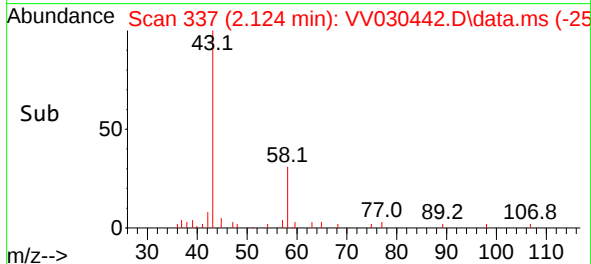
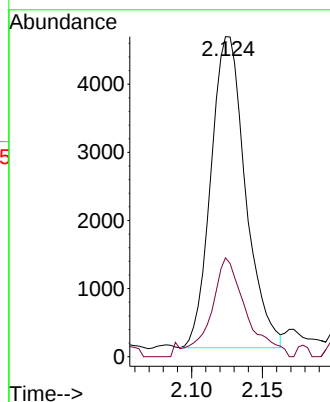
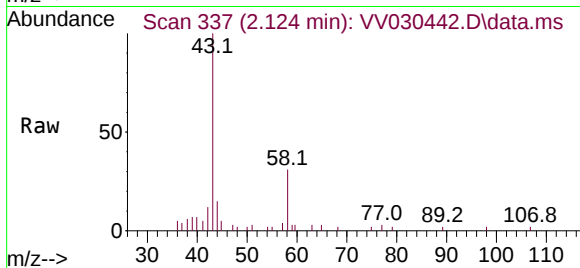
BHDW2

Tgt Ion: 43 Resp: 7774

Ion Ratio Lower Upper

43 100

58 32.5 0.0 40.8



#15

Methyl Acetate

Concen: 0.182 ug/L

RT: 2.494 min Scan# 452

Delta R.T. 0.100 min

Lab File: VV030442.D

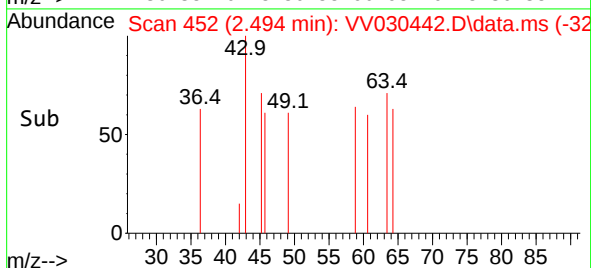
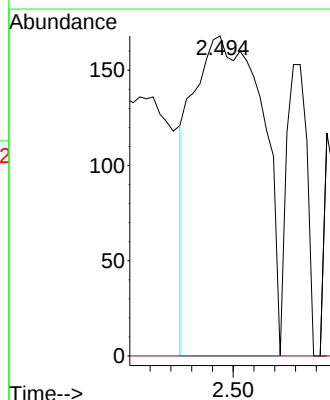
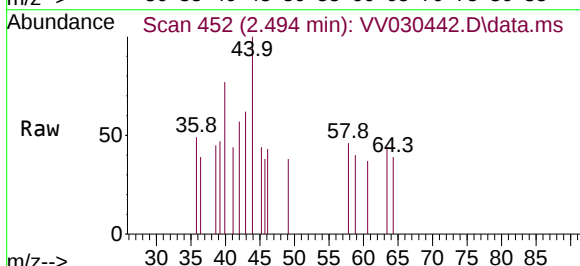
Acq: 07 Apr 2023 14:53

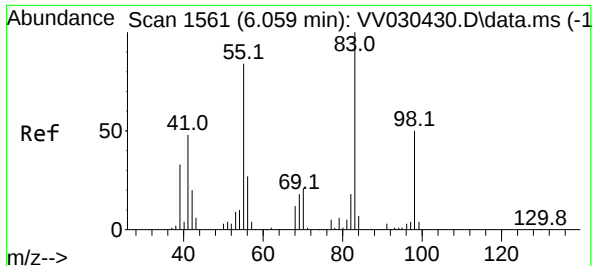
Tgt Ion: 43 Resp: 393

Ion Ratio Lower Upper

43 100

74 5.1 22.1 33.1#





#35

Methylcyclohexane

Concen: 0.802 ug/L

RT: 5.998 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV030442.D

Acq: 07 Apr 2023 14:53

Instrument :

MSVOA_V

ClientSampleId :

BHDW2

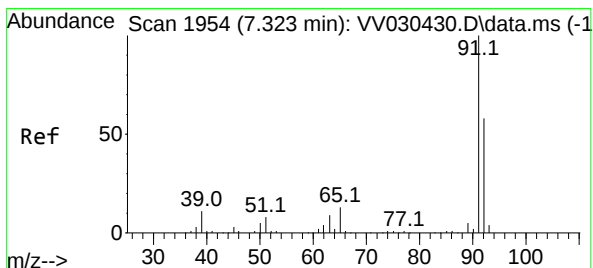
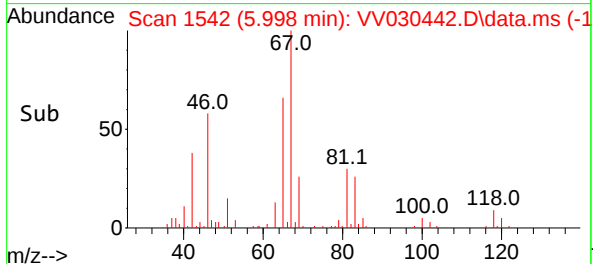
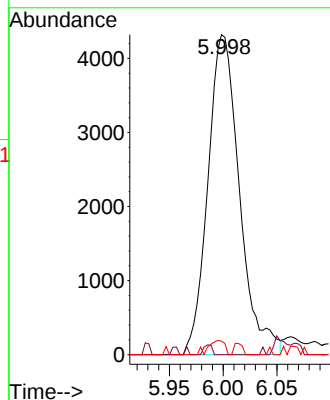
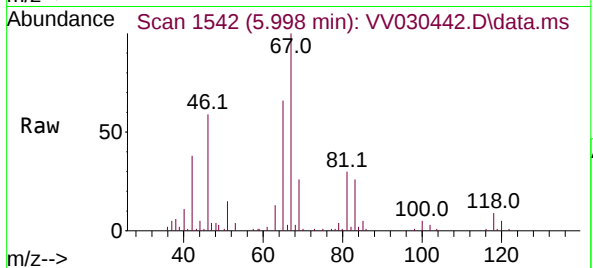
Tgt Ion: 83 Resp: 8820

Ion Ratio Lower Upper

83 100

55 0.8 66.6 100.0#

98 2.3 38.6 58.0#



#42

Toluene

Concen: 1.106 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.003 min

Lab File: VV030442.D

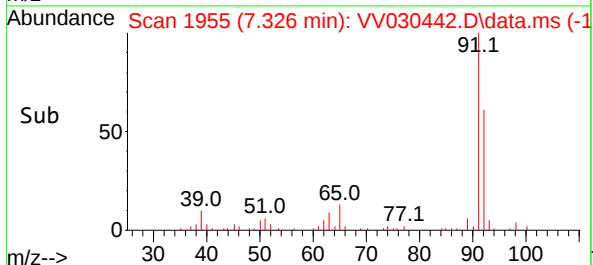
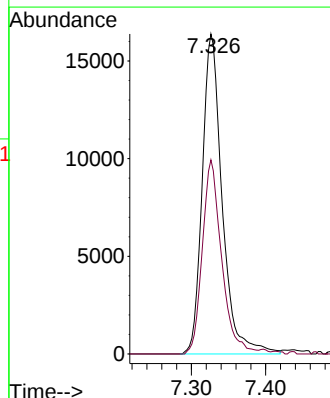
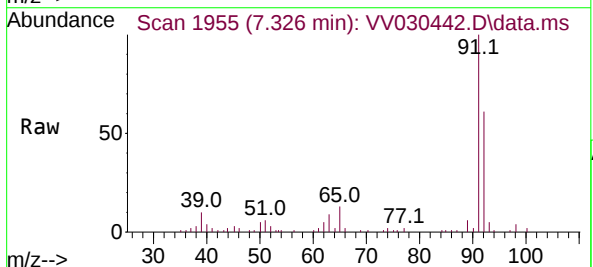
Acq: 07 Apr 2023 14:53

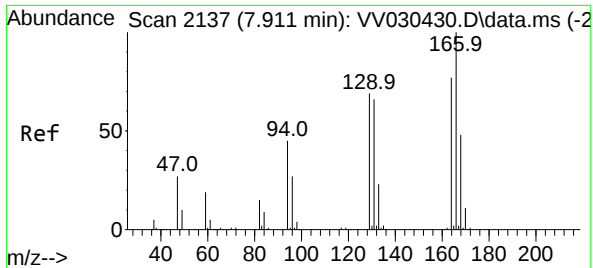
Tgt Ion: 91 Resp: 30597

Ion Ratio Lower Upper

91 100

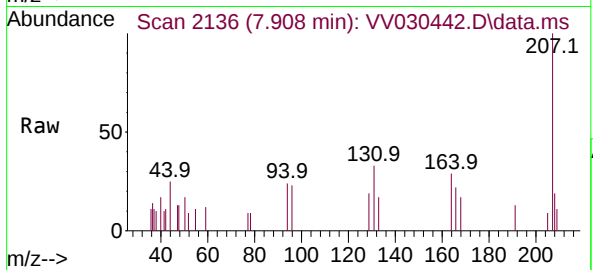
92 60.7 40.4 75.0





#47
 Tetrachloroethene
 Concen: 0.097 ug/L
 RT: 7.908 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV030442.D
 Acq: 07 Apr 2023 14:53

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDW2



Tgt Ion:	164	Resp:	600
Ion	Ratio	Lower	Upper
164	100		
129	64.2	60.8	112.8
131	113.6	61.7	114.7
166	74.0	85.6	159.0

