

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041323\
 Data File : VW030538.D
 Acq On : 13 Apr 2023 12:24
 Operator : SY/MD
 Sample : 02250-05DL 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDx6DL

Quant Time: Apr 14 05:19:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 05:16:37 2023
 Response via : Initial Calibration

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

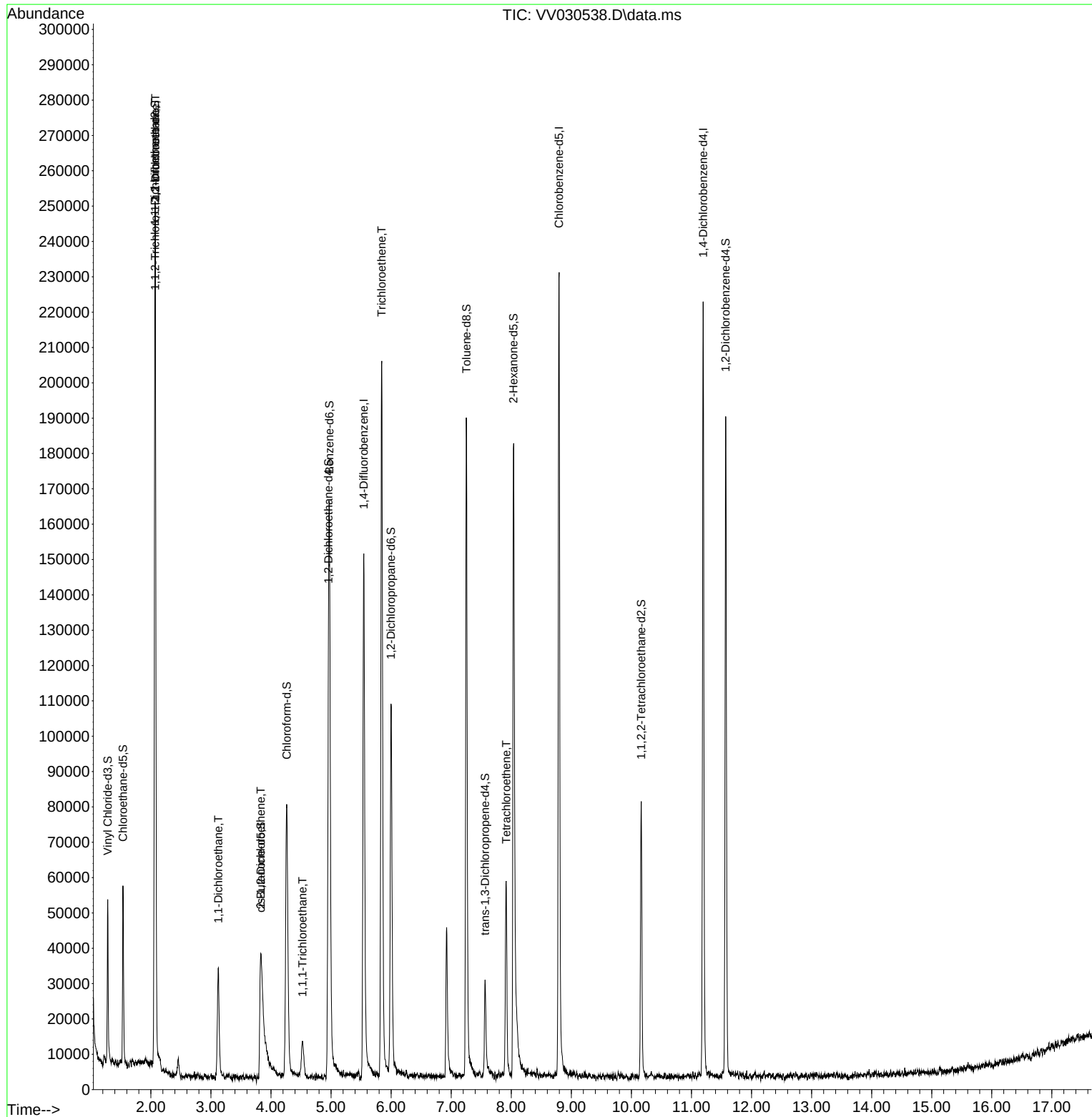
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	127005	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	126909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58924	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	30263	3.598	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.000%	
7) Chloroethane-d5	1.535	69	31368	3.843	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.800%	
11) 1,1-Dichloroethene-d2	2.066	63	86831	4.350	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.000%	
20) 2-Butanone-d5	3.831	46	83255	38.293	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.580%	
24) Chloroform-d	4.262	84	82958	4.075	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.400%	
26) 1,2-Dichloroethane-d4	4.956	65	43084	4.485	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
32) Benzene-d6	4.973	84	143568	4.015	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.200%	
36) 1,2-Dichloropropane-d6	5.998	67	47305	4.225	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.600%	
41) Toluene-d8	7.252	98	123950	3.774	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.400%	
43) trans-1,3-Dichloroprop...	7.564	79	15821	3.753	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.000%	
46) 2-Hexanone-d5	8.037	63	66676	39.362	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.720%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	35024	3.969	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	79.400%	
66) 1,2-Dichlorobenzene-d4	11.570	152	48551	4.610	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.200%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	4614	0.386	ug/L	99
12) 1,1-Dichloroethene	2.076	96	46815	4.412	ug/L	91
19) 1,1-Dichloroethane	3.124	63	29954	1.382	ug/L	98
22) cis-1,2-Dichloroethene	3.828	96	3019	0.269	ug/L	92
29) 1,1,1-Trichloroethane	4.526	97	7749	0.380	ug/L	89
34) Trichloroethene	5.844	95	70586	5.806	ug/L	98
47) Tetrachloroethene	7.918	164	12318	1.148	ug/L	96

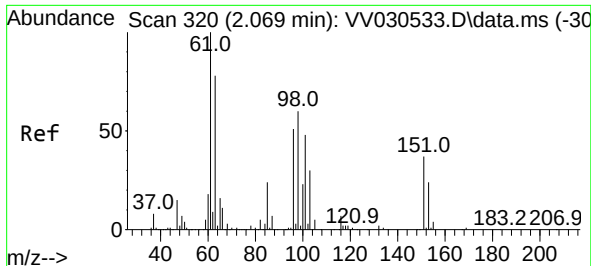
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 14 05:16:37 2023
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.386 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030538.D

Acq: 13 Apr 2023 12:24

Instrument :

MSVOA_V

ClientSampleId :

BHDX6DL

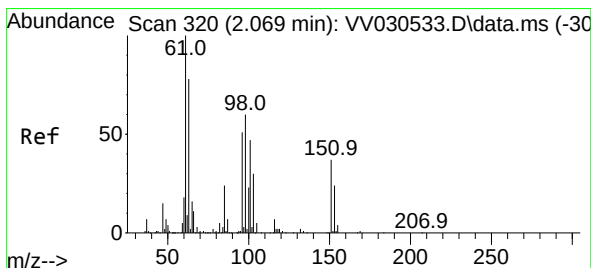
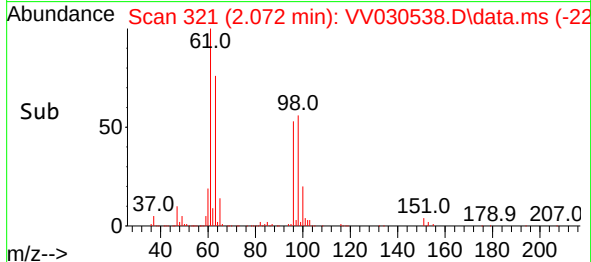
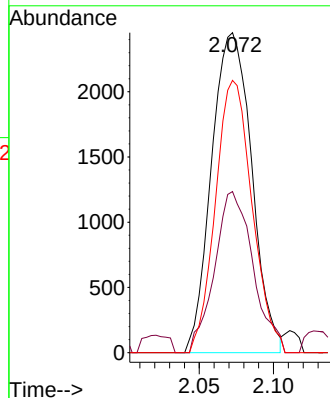
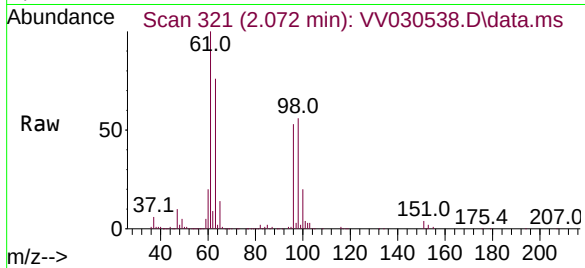
Tgt Ion:101 Resp: 4614

Ion Ratio Lower Upper

101 100

85 48.1 38.1 57.1

151 77.8 62.7 94.1



#12

1,1-Dichloroethene

Concen: 4.412 ug/L

RT: 2.076 min Scan# 322

Delta R.T. 0.006 min

Lab File: VV030538.D

Acq: 13 Apr 2023 12:24

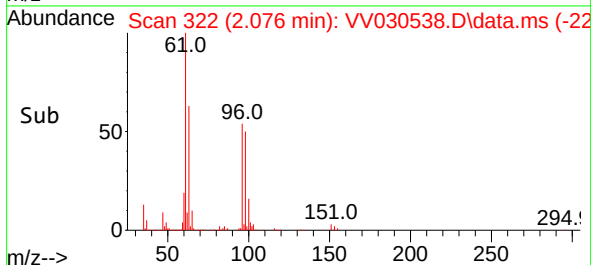
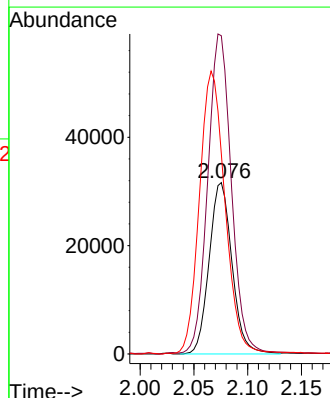
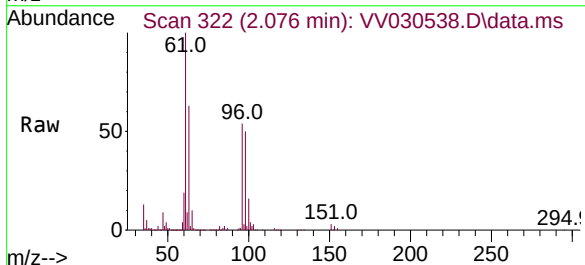
Tgt Ion: 96 Resp: 46815

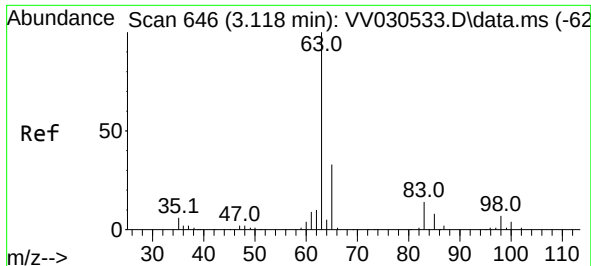
Ion Ratio Lower Upper

96 100

61 185.7 136.3 253.1

63 116.9 92.1 171.1





#19

1,1-Dichloroethane

Concen: 1.382 ug/L

RT: 3.124 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV030538.D

Acq: 13 Apr 2023 12:24

Instrument :

MSVOA_V

ClientSampleId :

BHDX6DL

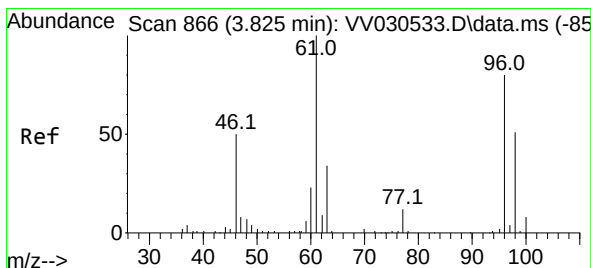
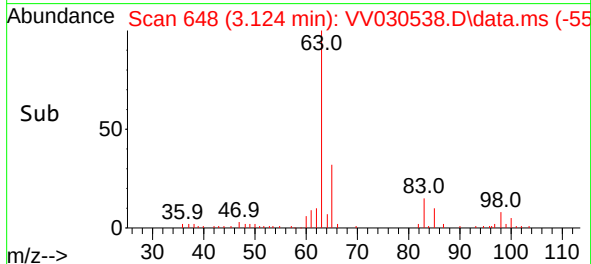
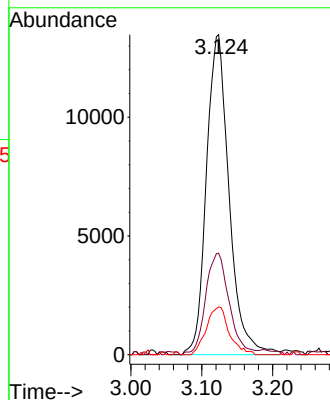
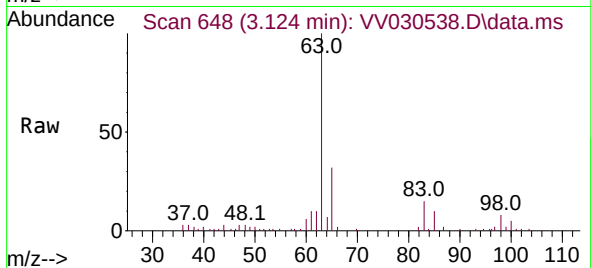
Tgt Ion: 63 Resp: 29954

Ion Ratio Lower Upper

63 100

65 31.7 21.7 40.3

83 14.9 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.269 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.003 min

Lab File: VV030538.D

Acq: 13 Apr 2023 12:24

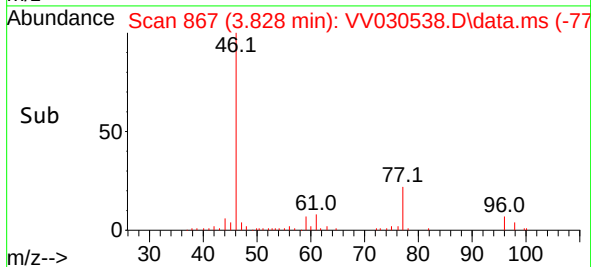
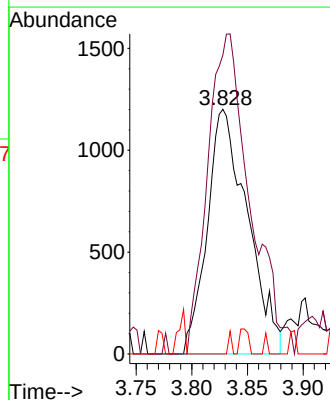
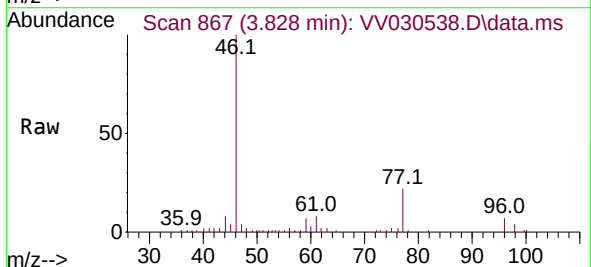
Tgt Ion: 96 Resp: 3019

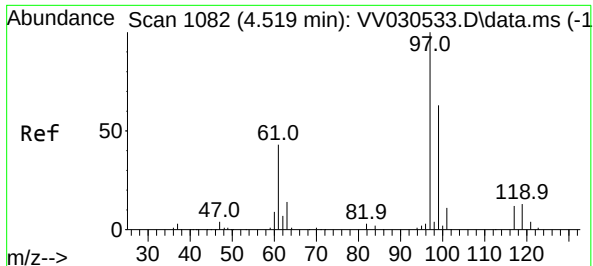
Ion Ratio Lower Upper

96 100

61 122.3 92.0 170.8

68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.380 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VV030538.D

Acq: 13 Apr 2023 12:24

Instrument :

MSVOA_V

ClientSampleId :

BHDX6DL

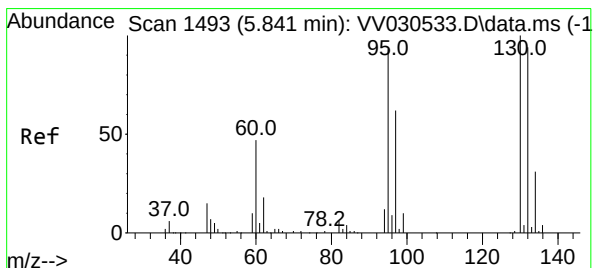
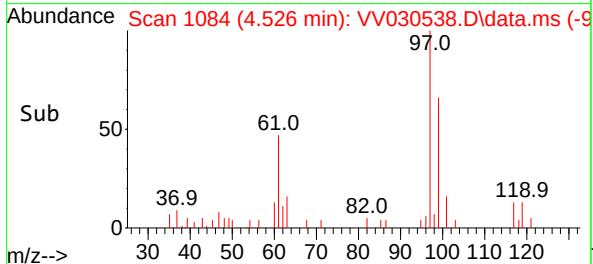
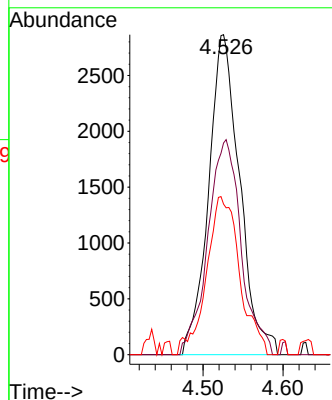
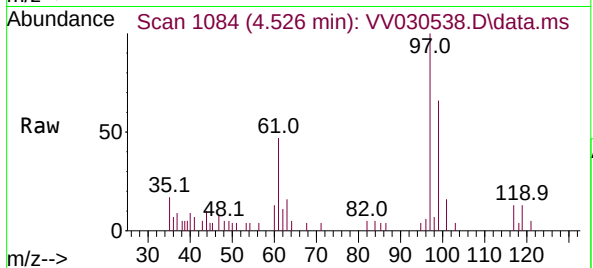
Tgt Ion: 97 Resp: 7749

Ion Ratio Lower Upper

97 100

99 71.9 50.9 76.3

61 52.8 35.9 53.9



#34

Trichloroethene

Concen: 5.806 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.003 min

Lab File: VV030538.D

Acq: 13 Apr 2023 12:24

Tgt Ion: 95 Resp: 70586

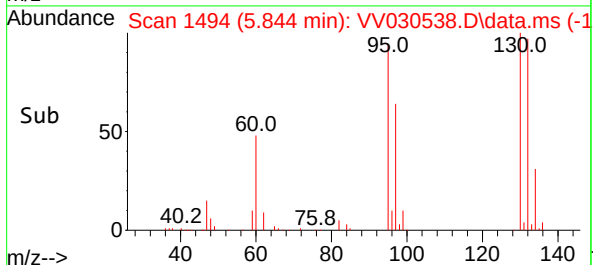
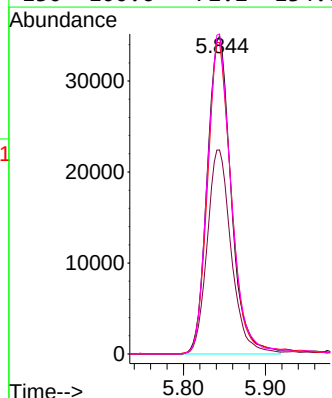
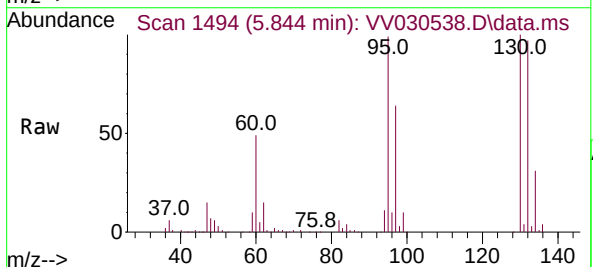
Ion Ratio Lower Upper

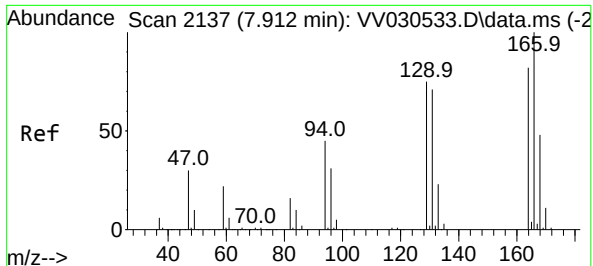
95 100

97 64.2 44.2 82.2

132 97.9 69.5 129.1

130 100.6 72.2 134.0





#47

Tetrachloroethene

Concen: 1.148 ug/L

RT: 7.918 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV030538.D

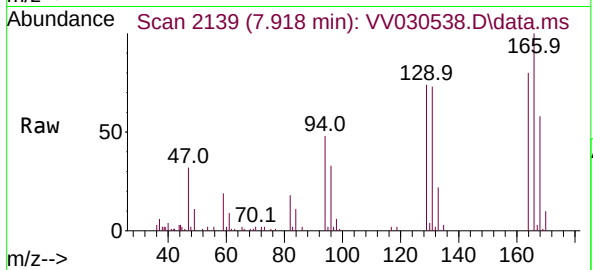
Acq: 13 Apr 2023 12:24

Instrument :

MSVOA_V

ClientSampleId :

BHDX6DL



Tgt Ion:164 Resp: 12318

Ion Ratio Lower Upper

164 100

129 92.0 60.8 112.8

131 91.4 61.7 114.7

166 125.2 85.6 159.0

