

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052620\
 Data File : VV016212.D
 Acq On : 27 May 2020 00:00
 Operator : SY/MD
 Sample : L2753-21
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXF8

Quant Time: May 27 06:18:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 03:06:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	89963	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	86992	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	38785	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28441	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.58	69	26463	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.13	63	40288	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.94	46	82888	57.83	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.66%
24) Chloroform-d	4.38	84	58286	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.06	65	32570	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.08	84	113973	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.10	67	34893	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.34	98	102091	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
45) trans-1,3-Dichloropropene-	7.65	79	12284	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
48) 2-Hexanone-d5	8.12	63	60750	53.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.60%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26069	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	35455	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

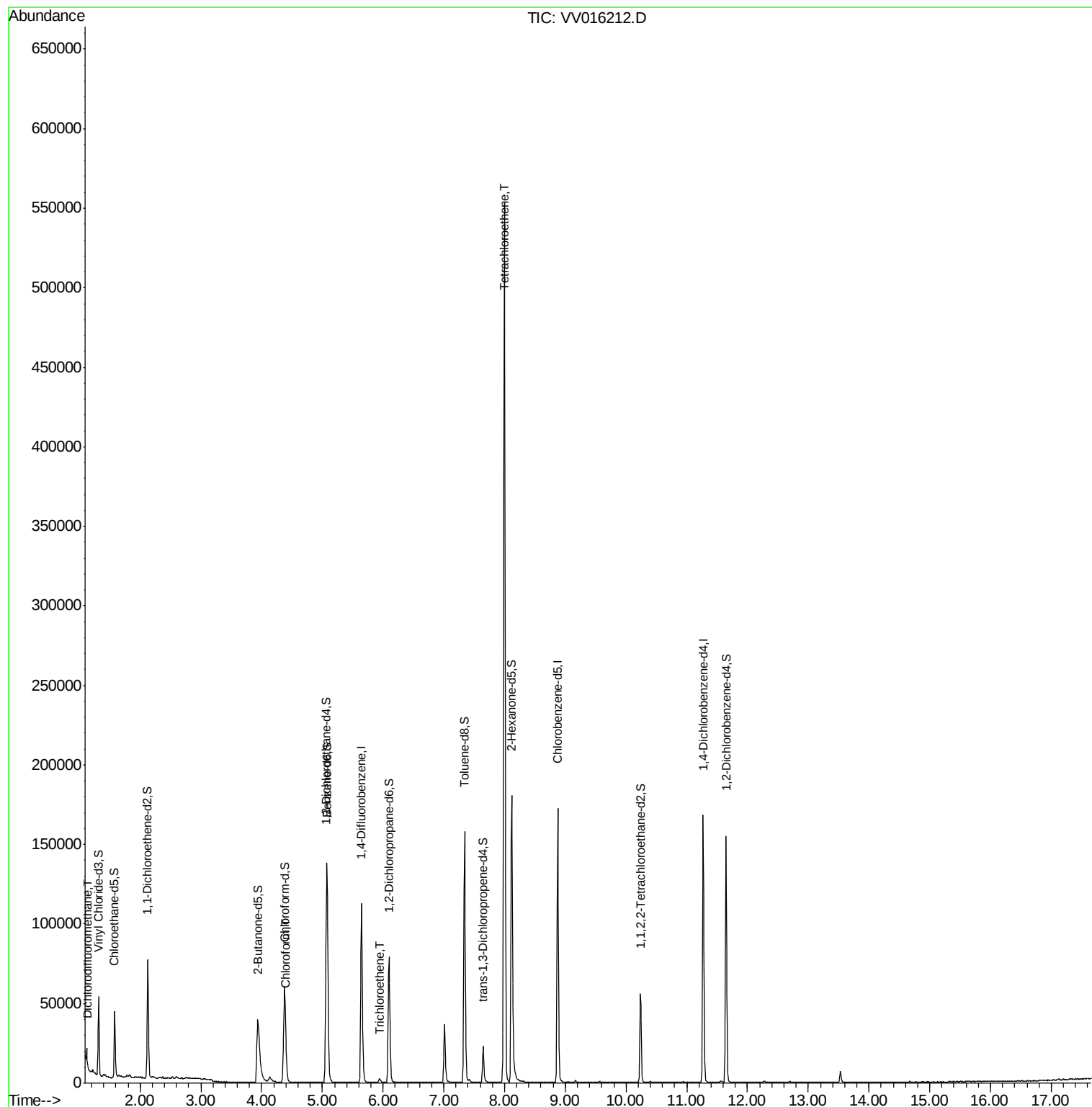
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	838	0.106	ug/L	99
25) Chloroform	4.41	83	3632	0.311	ug/L	96
34) Trichloroethene	5.95	95	753	0.115	ug/L	86
49) Tetrachloroethene	8.00	164	109063	23.294	ug/L	98

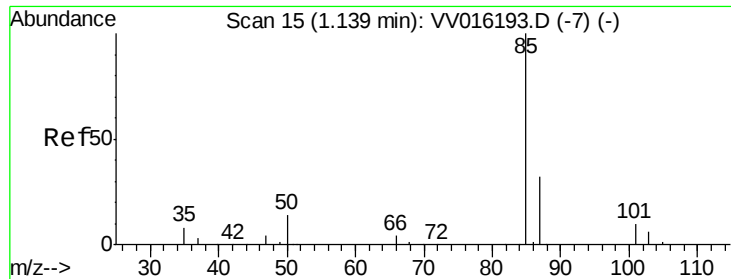
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.106 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV016212.D

Acq: 27 May 2020 00:00

Instrument :

MSVOA_V

ClientSampleId :

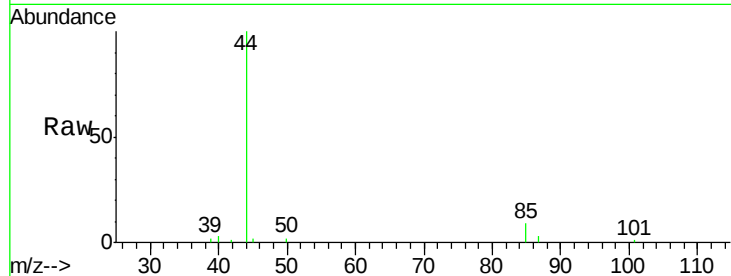
GAXF8

Tot Ion: 85 Resp: 838

Ion Ratio Lower Upper

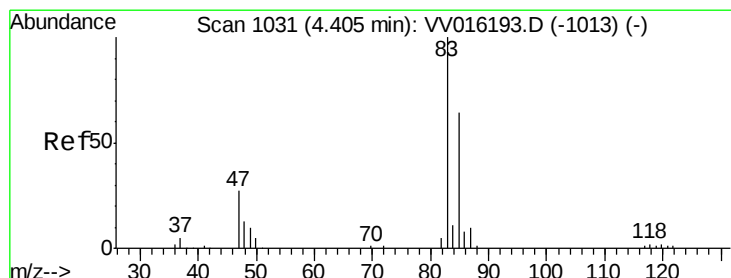
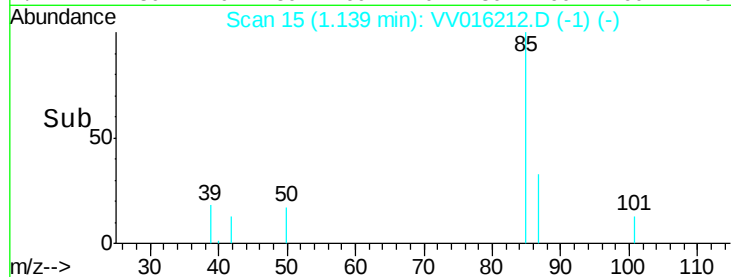
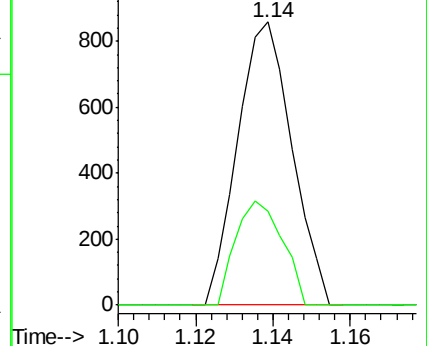
85 100

87 31.4 25.5 38.3



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#25

Chloroform

Concen: 0.311 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VV016212.D

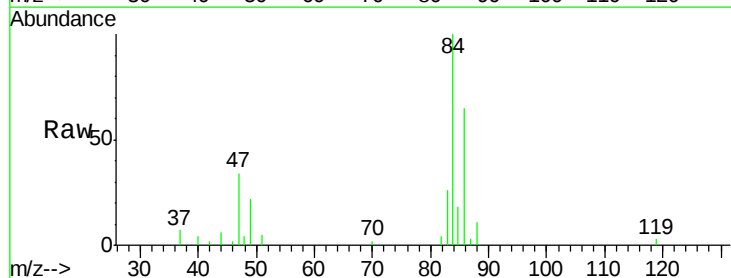
Acq: 27 May 2020 00:00

Tgt Ion: 83 Resp: 3632

Ion Ratio Lower Upper

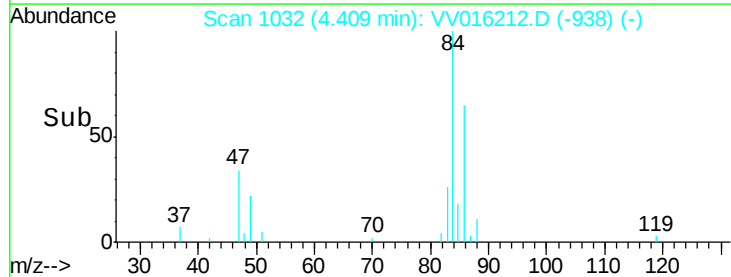
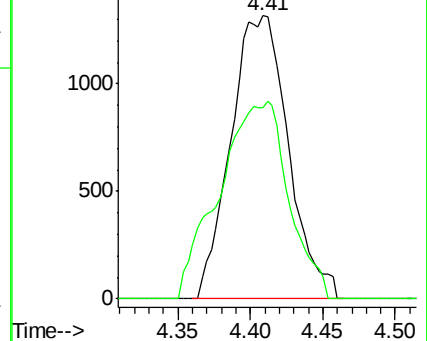
83 100

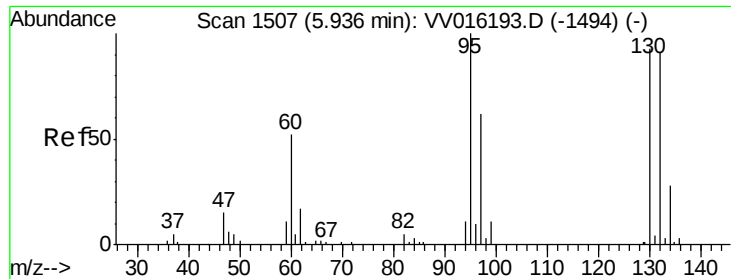
85 67.5 45.1 83.7



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 0.115 ug/L

RT: 5.95 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VV016212.D

Acq: 27 May 2020 00:00

Instrument :

MSVOA_V

ClientSampleId :

GAXF8

Tot Ion: 95 Resp: 753

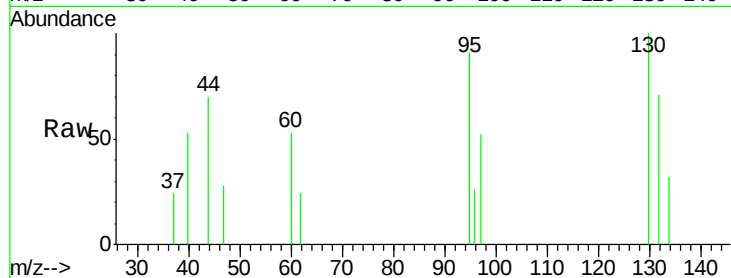
Ion Ratio Lower Upper

95 100

97 57.1 43.6 81.0

132 78.1 63.9 118.7

130 110.3 65.2 121.0

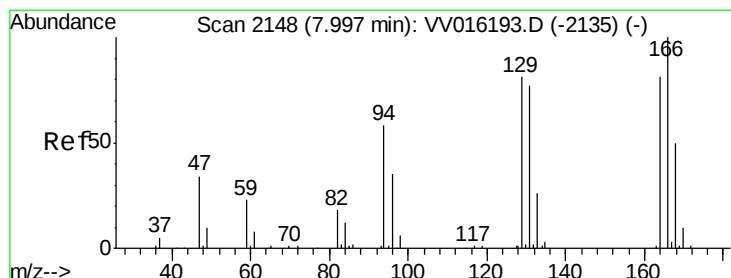
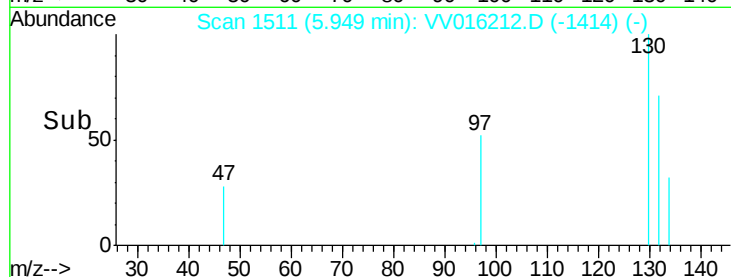
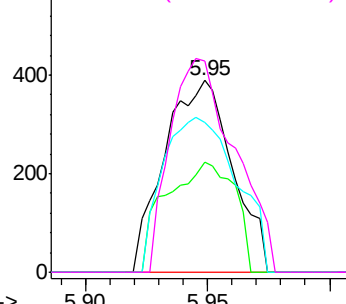


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#49

Tetrachloroethene

Concen: 23.294 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016212.D

Acq: 27 May 2020 00:00

Tgt Ion:164 Resp: 109063

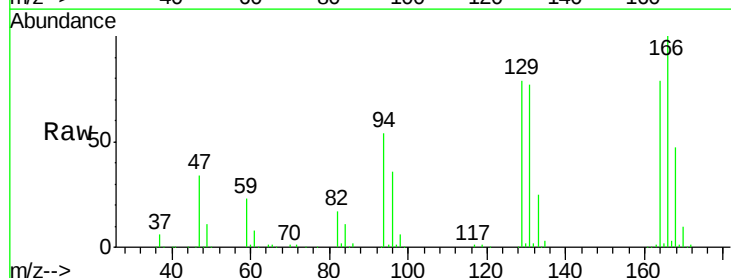
Ion Ratio Lower Upper

164 100

129 100.0 70.7 131.3

131 97.0 66.6 123.8

166 126.4 86.9 161.5



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

