

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016027.D
 Acq On : 12 May 2020 20:30
 Operator : SY/MD
 Sample : L2542-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4212

Quant Time: May 13 08:48:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 06:55:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	131765	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	130544	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	59716	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26004	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	1.57	69	27382	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.12	63	45056	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	3.97	46	88947	43.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.24%
24) Chloroform-d	4.38	84	66088	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.06	65	41682	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.08	84	138627	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.10	67	45544	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.34	98	123281	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
45) trans-1,3-Dichloropropene-	7.65	79	13203	3.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.00%
48) 2-Hexanone-d5	8.12	63	75663	46.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.56%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	32580	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	46703	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

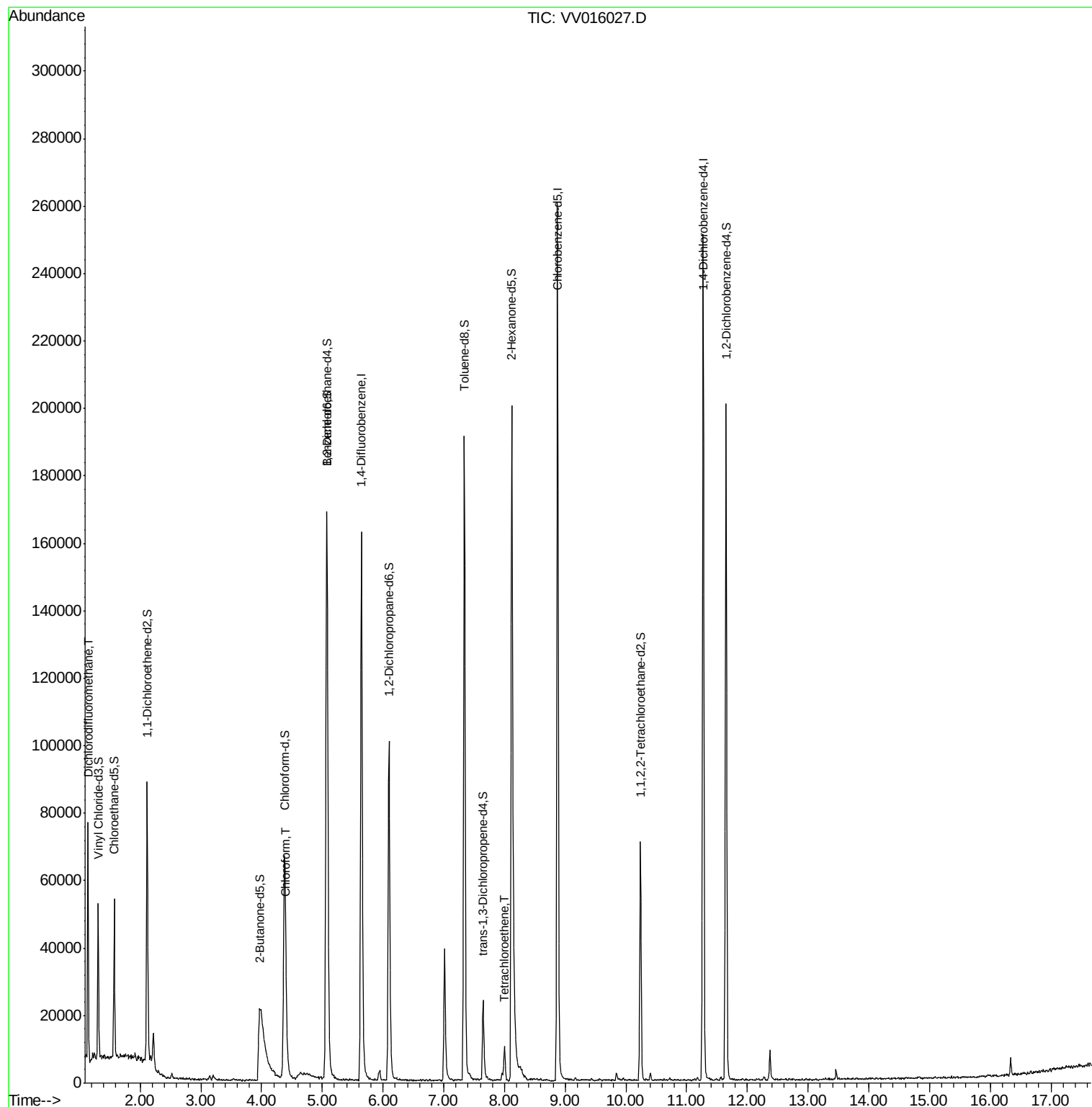
Target Compounds					Ovalue
2) Dichlorodifluoromethane	1.14	85	791	0.078 ug/L	97
25) Chloroform	4.41	83	10093	0.594 ug/L	90
49) Tetrachloroethene	8.00	164	2119	0.324 ug/L	94

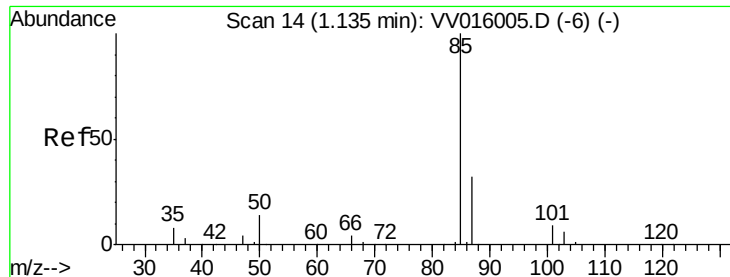
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.078 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

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Acq: 12 May 2020 20:30

Instrument :

MSVOA_V

ClientSampleId :

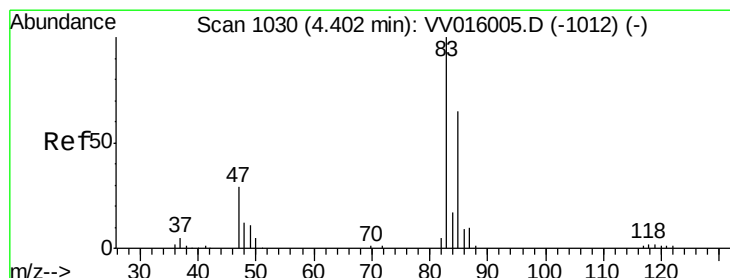
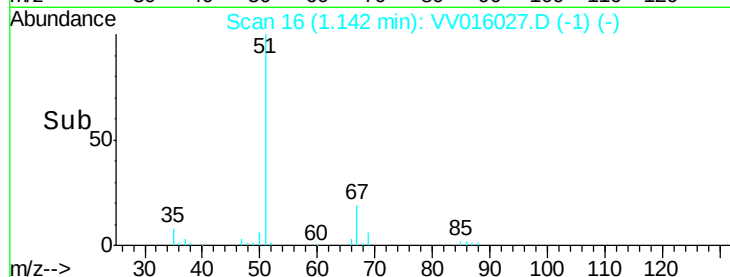
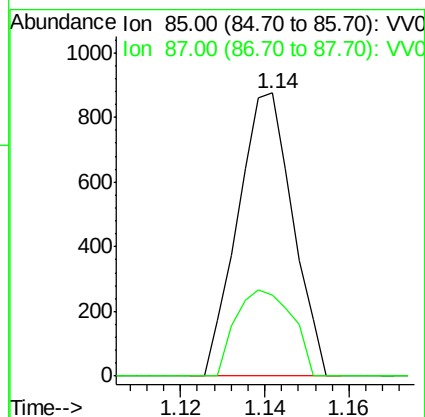
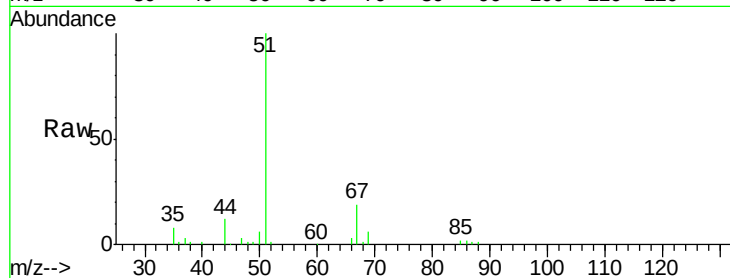
H4212

Tot Ion: 85 Resp: 791

Ion Ratio Lower Upper

85 100

87 31.2 26.4 39.6



#25

Chloroform

Concen: 0.594 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

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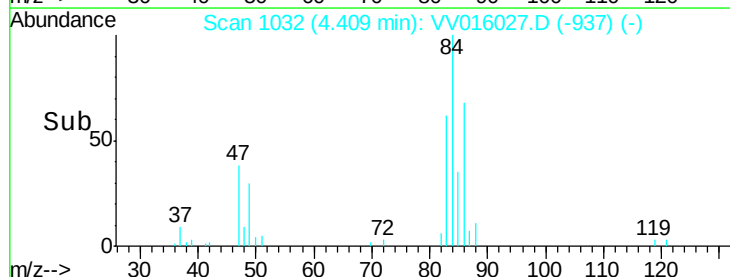
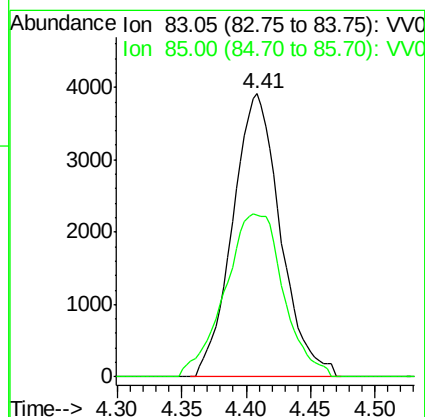
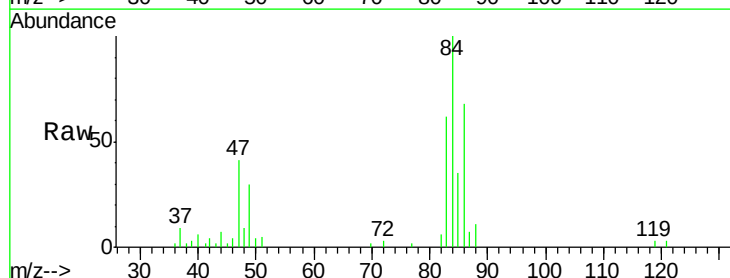
Acq: 12 May 2020 20:30

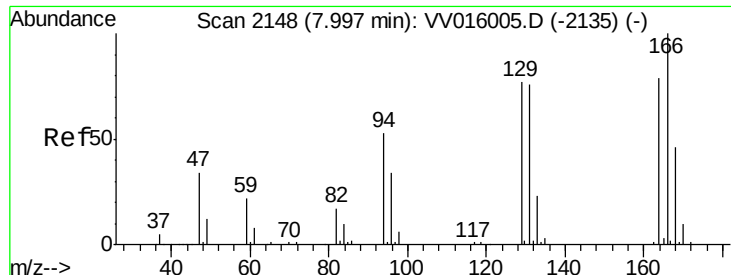
Tgt Ion: 83 Resp: 10093

Ion Ratio Lower Upper

83 100

85 57.3 45.7 84.9





#49

Tetrachloroethene

Concen: 0.324 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016027.D

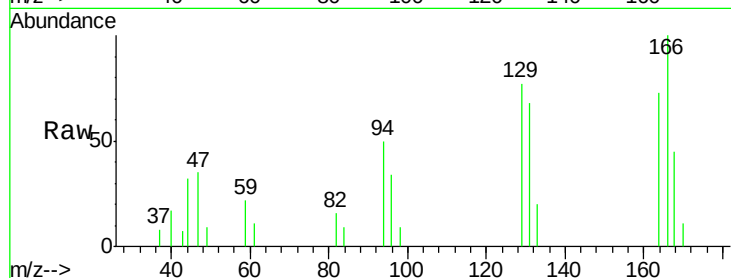
Acq: 12 May 2020 20:30

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Tot Ion:164 Resp: 2119

Ion Ratio Lower Upper

164 100

129 105.5 69.7 129.4

131 93.7 66.8 124.2

166 137.0 89.1 165.5

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

