

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112818\
 Data File : VV008747.D
 Acq On : 28 Nov 2018 19:45
 Operator : SY/MD
 Sample : J6076-07
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALR0

Quant Time: Nov 29 04:01:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 29 03:24:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	158130	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	146209	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62515	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45548	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.58	69	37348	5.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.80%
11) 1,1-Dichloroethene-d2	2.13	63	68965	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	3.98	46	139405	56.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.92%
24) Chloroform-d	4.41	84	109391	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.09	65	56822	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.10	84	232105	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.12	67	70484	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.36	98	204721	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	7.67	79	22345	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.14	63	91403	51.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45191	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	72305	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

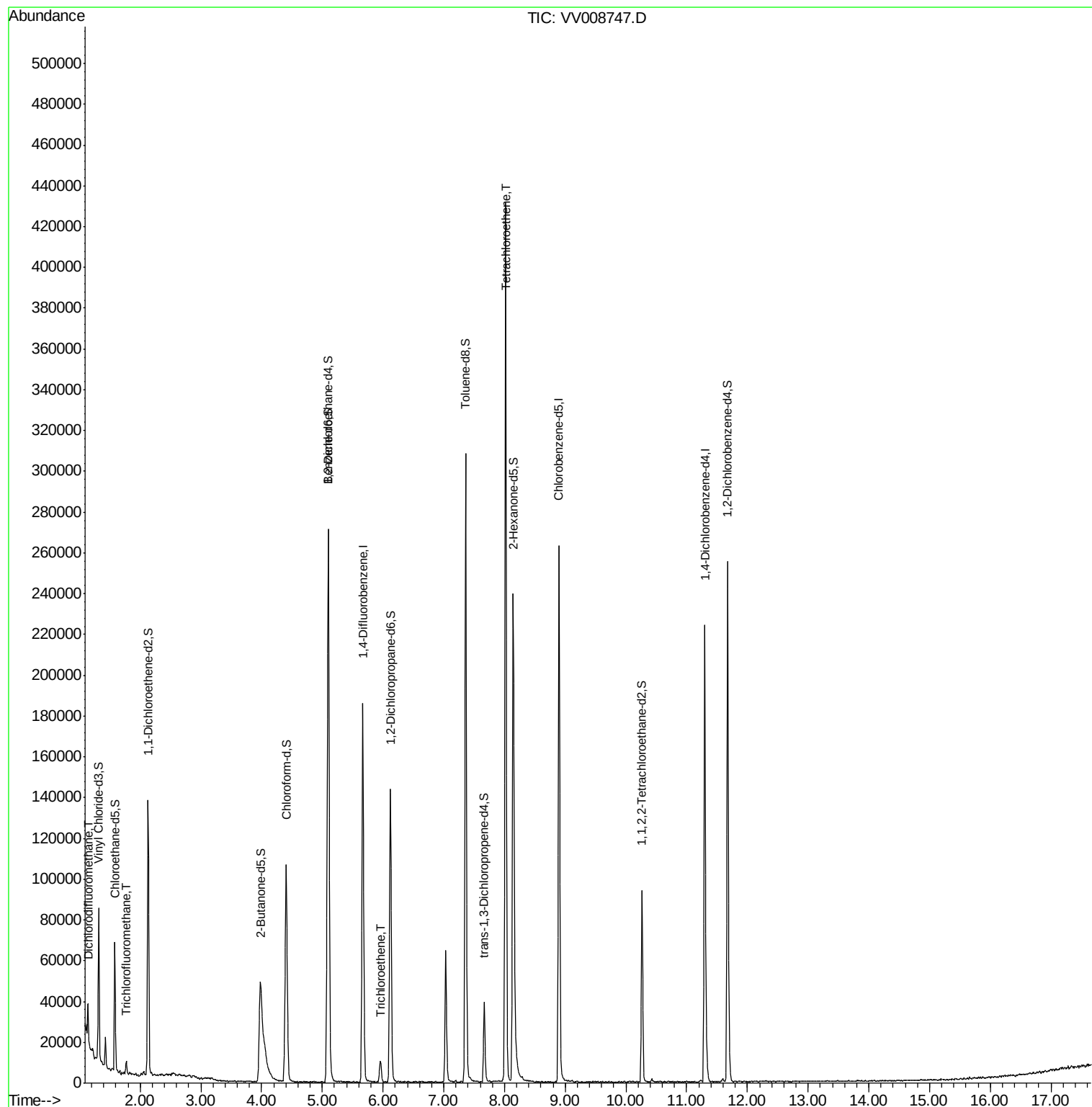
					Ovalue
2) Dichlorodifluoromethane	1.14	85	10495	0.773 ug/L	96
9) Trichlorofluoromethane	1.77	101	2635	0.176 ug/L	98
34) Trichloroethene	5.96	95	2753	0.227 ug/L	94
47) Tetrachloroethene	8.02	164	95281	10.413 ug/L	97

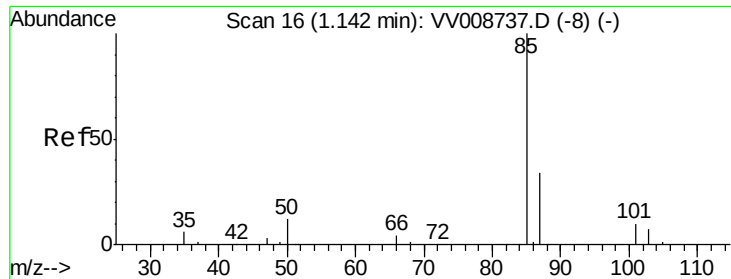
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.773 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV008747.D

Acq: 28 Nov 2018 19:45

Instrument :

MSVOA_V

ClientSampled :

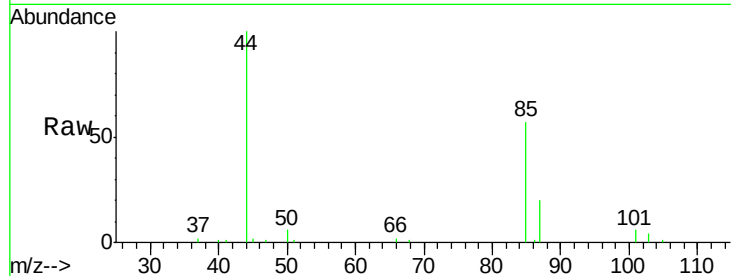
YALR0

Tot Ion: 85 Resp: 10495

Ion Ratio Lower Upper

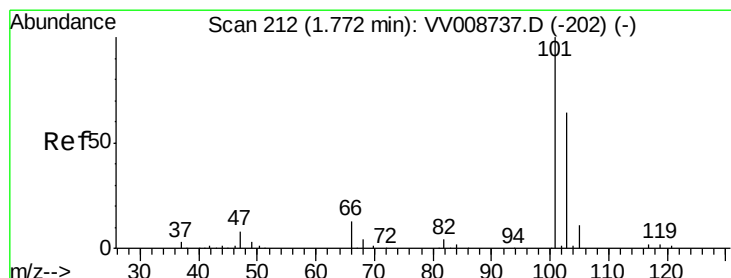
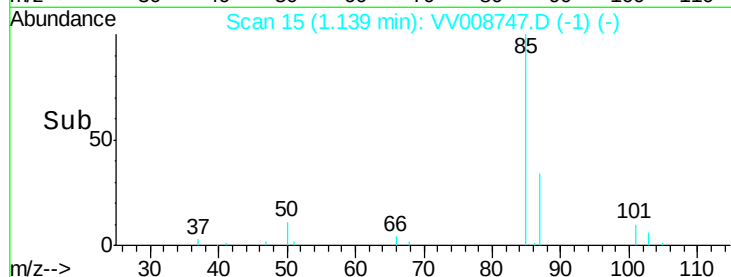
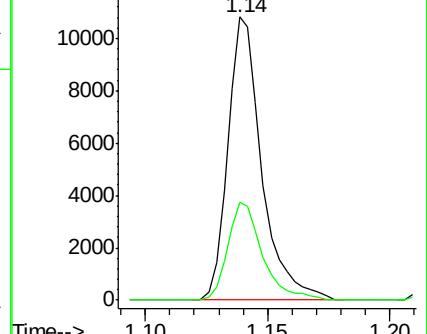
85 100

87 35.3 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#9

Trichlorofluoromethane

Concen: 0.176 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.00 min

Lab File: VV008747.D

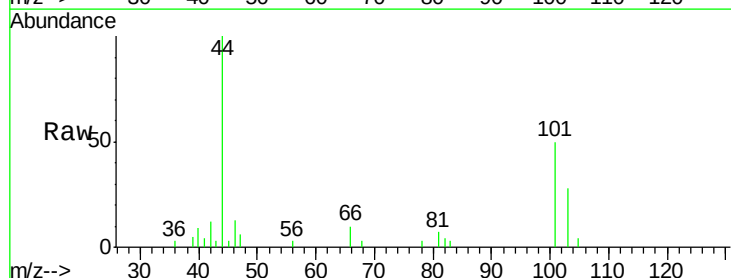
Acq: 28 Nov 2018 19:45

Tgt Ion: 101 Resp: 2635

Ion Ratio Lower Upper

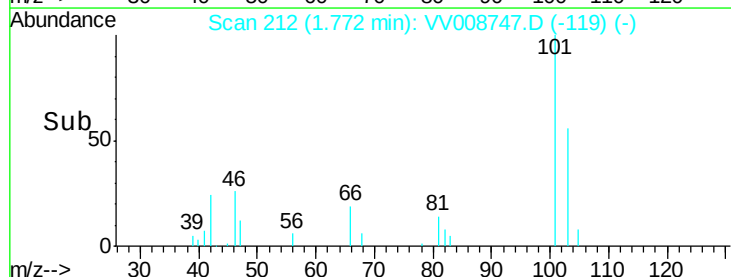
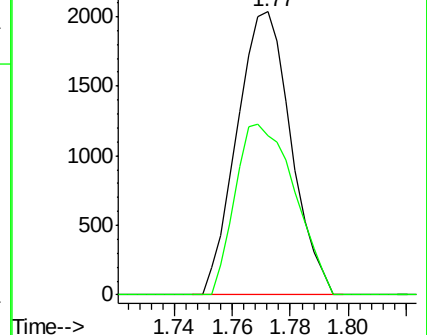
101 100

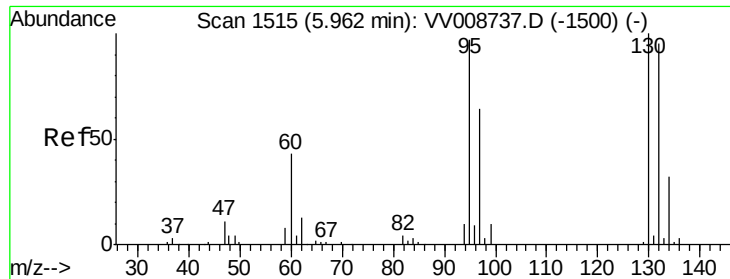
103 66.4 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#34

Trichloroethene

Concen: 0.227 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VV008747.D

Acq: 28 Nov 2018 19:45

Instrument :

MSVOA_V

ClientSampleId :

YALR0

Tot Ion: 95 Resp: 2753

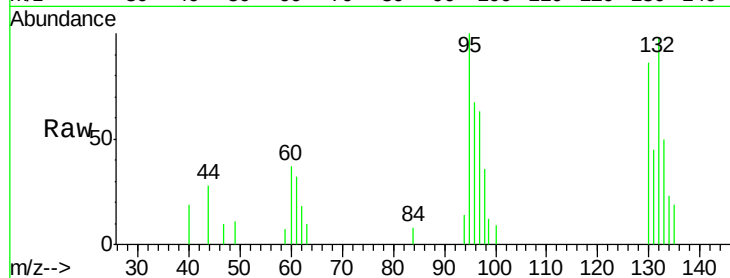
Ion Ratio Lower Upper

95 100

97 63.0 45.1 83.9

132 98.2 68.0 126.4

130 86.4 70.4 130.8



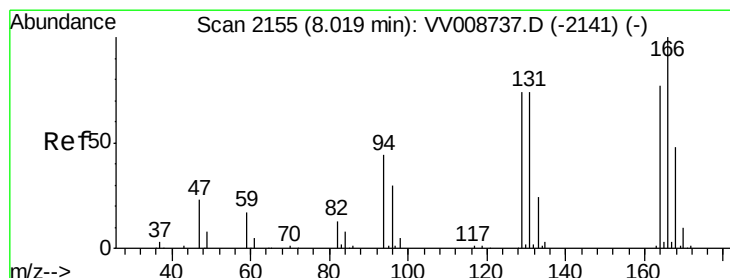
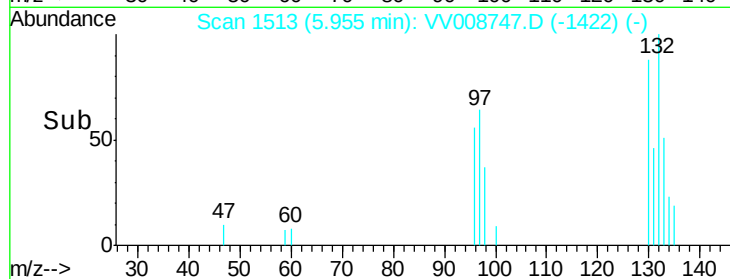
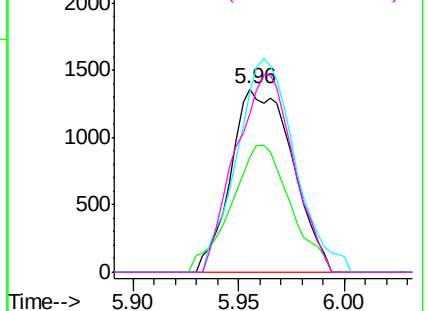
Abundance

Ion 95.00 (94.70 to 95.70): VV008747.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV008747.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV008747.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008747.D (-1422) (-)



#47

Tetrachloroethene

Concen: 10.413 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV008747.D

Acq: 28 Nov 2018 19:45

Tgt Ion:164 Resp: 95281

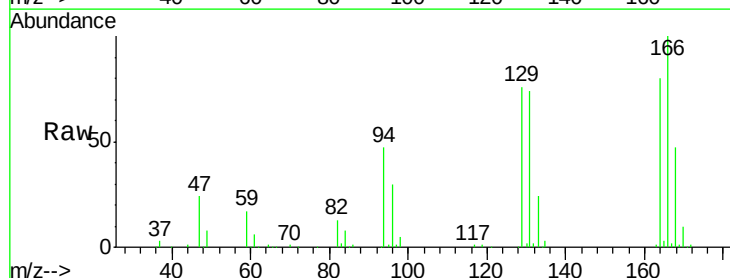
Ion Ratio Lower Upper

164 100

129 95.7 68.9 127.9

131 92.5 66.2 123.0

166 125.2 91.1 169.1



Abundance

Ion 163.90 (163.60 to 164.60): VV008747.D (-2062) (-)

Ion 128.95 (128.65 to 129.65): VV008747.D (-2062) (-)

Ion 130.95 (130.65 to 131.65): VV008747.D (-2062) (-)

Ion 165.90 (165.60 to 166.60): VV008747.D (-2062) (-)

