

Data File : VV008742.D
Acq On : 28 Nov 2018 17:39
Operator : SY/MD
Sample : J6076-02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YALQ1

Quant Time: Nov 29 03:27:23 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	193928	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	178488	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79974	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49862	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.59	69	42306	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.13	63	75204	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.99	46	135039	44.59	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.18%
24) Chloroform-d	4.41	84	117417	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.09	65	60707	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.10	84	257596	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	77177	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	228317	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.67	79	24428	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.14	63	100922	46.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47568	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	77144	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

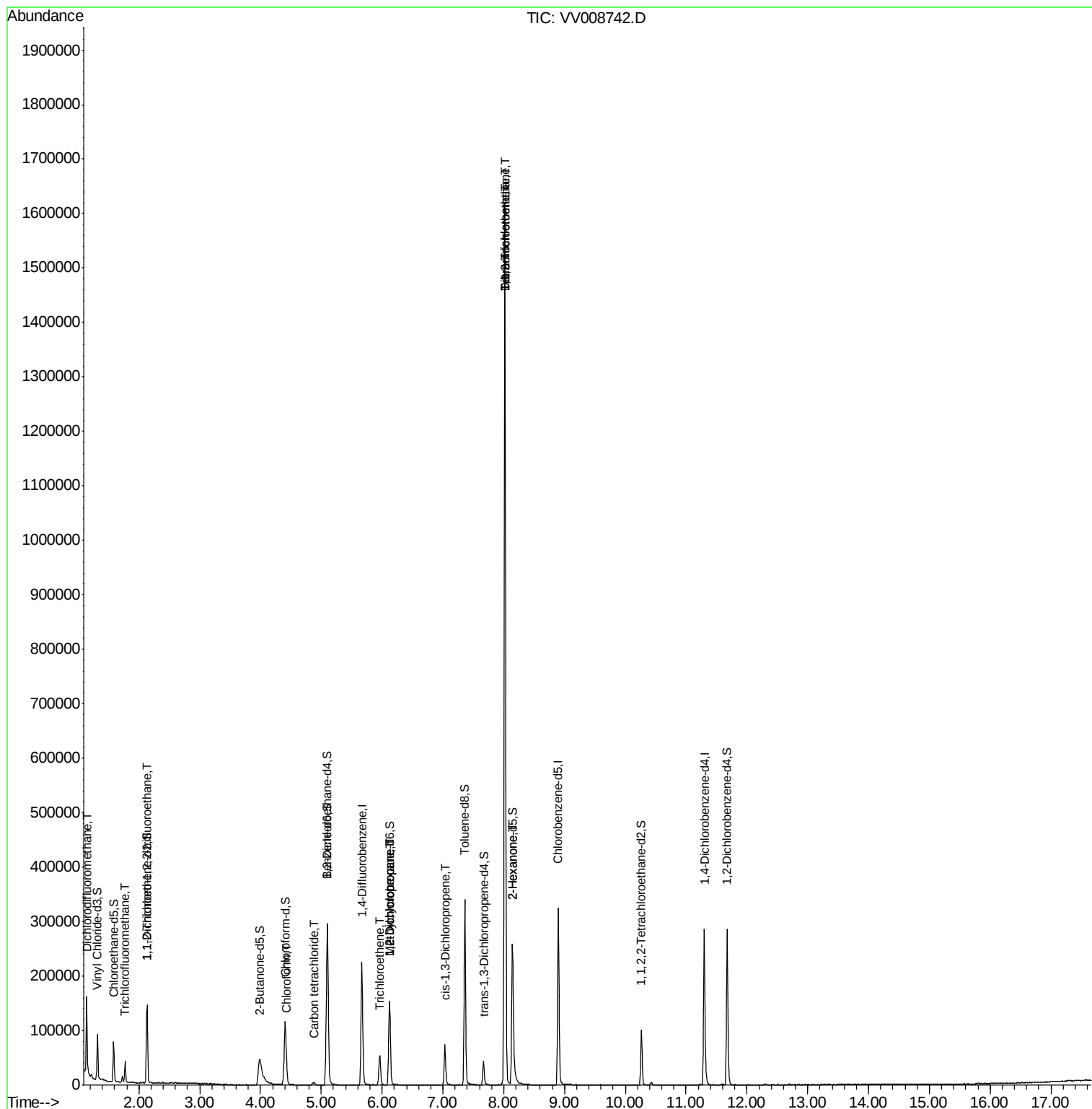
					Qvalue
2) Dichlorodifluoromethane	1.14	85	76181	4.572	ug/L 99
9) Trichlorofluoromethane	1.77	101	21410	1.163	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	985	0.091	ug/L # 27
25) Chloroform	4.44	83	3590	0.144	ug/L 94
31) Carbon tetrachloride	4.87	117	3602	0.206	ug/L 98
34) Trichloroethene	5.96	95	17825	1.203	ug/L 97
35) Methylcyclohexane	6.12	83	18682	0.791	ug/L # 18
37) 1,2-Dichloropropane	6.13	63	8482	0.631	ug/L # 88
39) cis-1,3-Dichloropropene	7.03	75	1865	0.104	ug/L # 53
45) 1,1,2-Trichloroethane	8.02	97	2915	0.325	ug/L # 1
47) Tetrachloroethene	8.02	164	351395	31.457	ug/L 98
48) 2-Hexanone	8.14	43	16102	3.311	ug/L # 68
49) Dibromochloromethane	8.02	129	333191	35.412	ug/L # 10

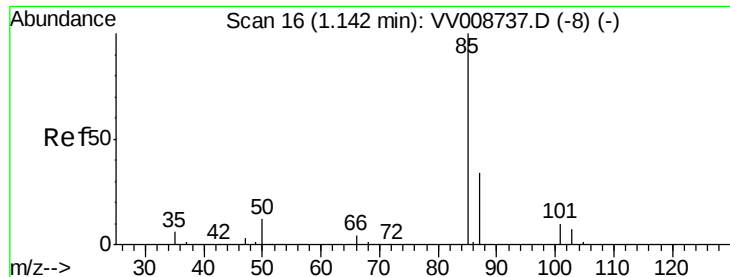
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV008742.D
Acq On : 28 Nov 2018 17:39
Operator : SY/MD
Sample : J6076-02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YALQ1

Quant Time: Nov 29 03:27:23 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





#2

Dichlorodifluoromethane

Concen: 4.572 ug/L

RT: 1.14 min Scan# 16

Delta R.T. -0.00 min

Lab File: VV008742.D

Acq: 28 Nov 2018 17:39

Instrument :

MSVOA_V

ClientSampleId :

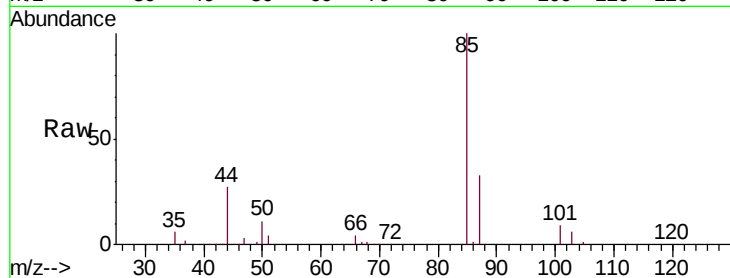
YALQ1

Tgt Ion: 85 Resp: 76181

Ion Ratio Lower Upper

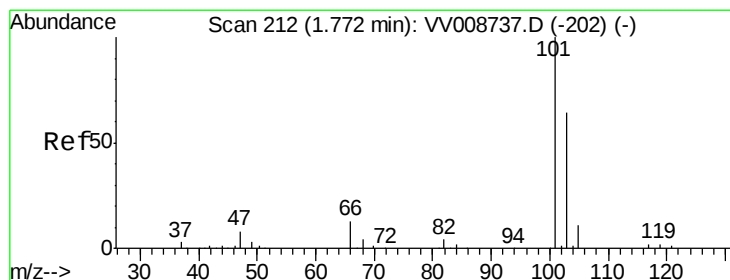
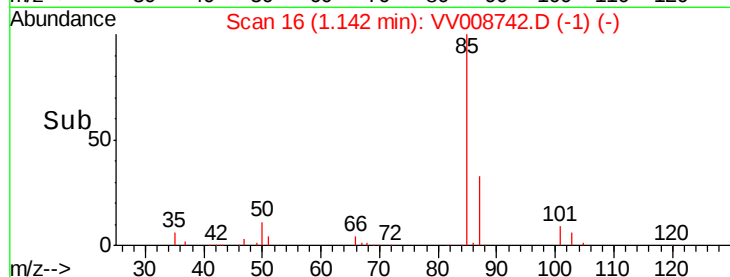
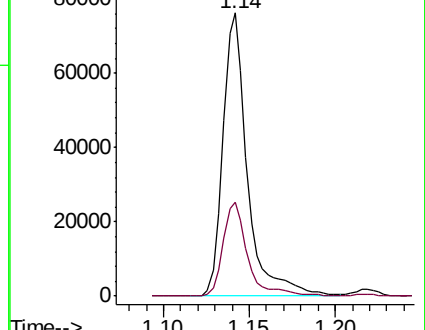
85 100

87 33.3 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VV008737.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV008737.D (-8) (-)



#9

Trichlorofluoromethane

Concen: 1.163 ug/L

RT: 1.77 min Scan# 212

Delta R.T. -0.00 min

Lab File: VV008742.D

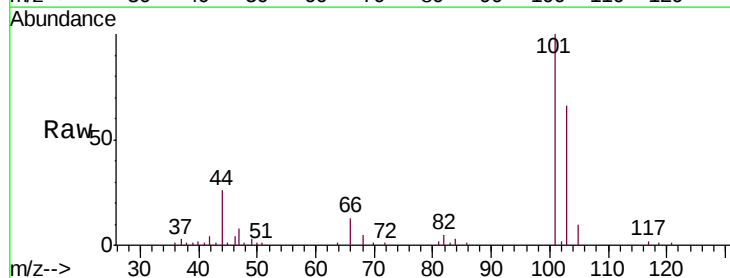
Acq: 28 Nov 2018 17:39

Tgt Ion: 101 Resp: 21410

Ion Ratio Lower Upper

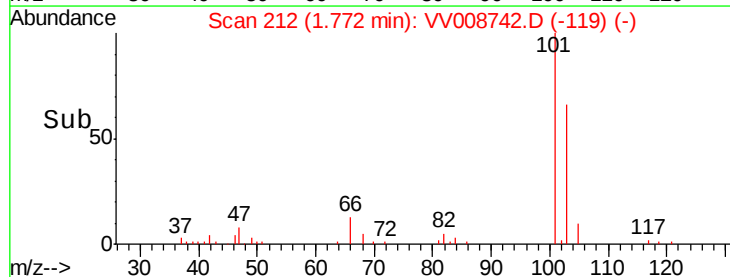
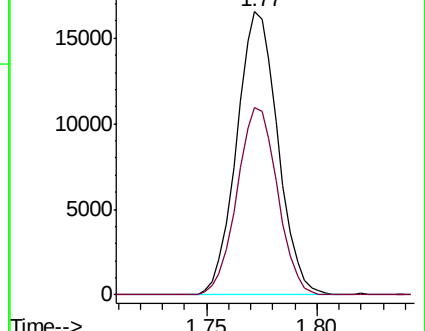
101 100

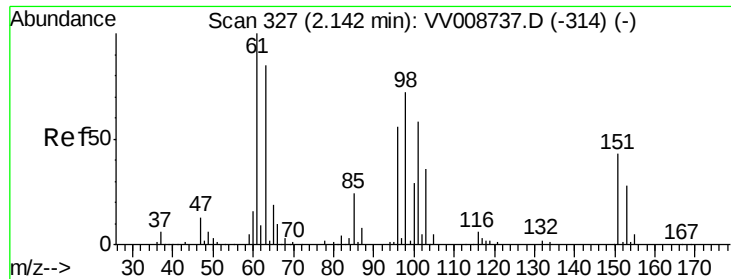
103 65.0 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): VV008737.D (-202) (-)

Ion 103.00 (102.70 to 103.70): VV008737.D (-202) (-)





#10

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

Concen: 0.091 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008742.D

Acq: 28 Nov 2018 17:39

Instrument :

MSVOA_V

ClientSampleId :

YALQ1

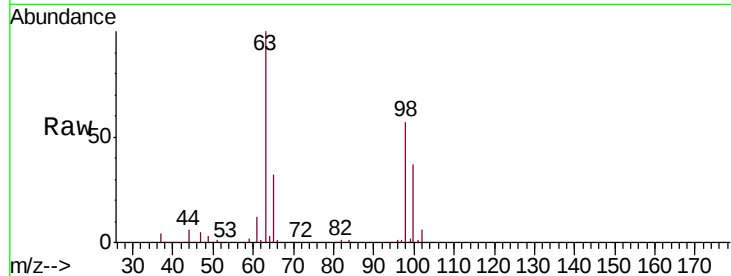
Tgt Ion: 101 Resp: 985

Ion Ratio Lower Upper

101 100

85 4.5 34.8 52.2#

151 8.5 62.6 94.0#

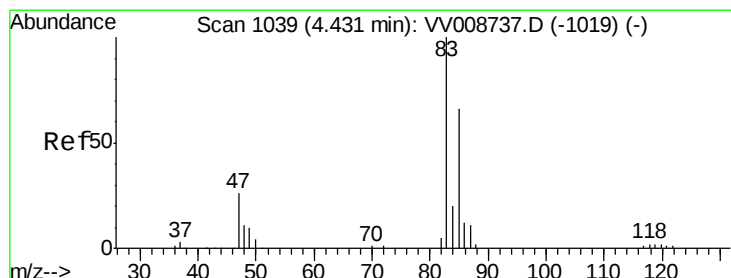
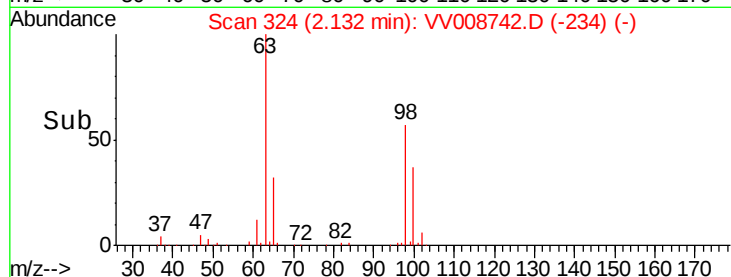


Abundance Ion 101.00 (100.70 to 101.70): VV008737.D (-314) (-)

Ion 85.00 (84.70 to 85.70): VV008737.D (-314) (-)

Ion 151.00 (150.70 to 151.70): VV008737.D (-314) (-)

Time-->



#25

Chloroform

Concen: 0.144 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VV008742.D

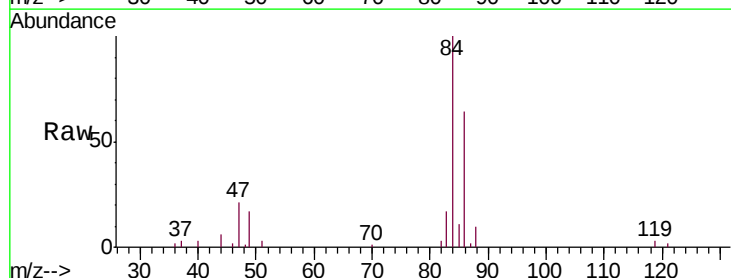
Acq: 28 Nov 2018 17:39

Tgt Ion: 83 Resp: 3590

Ion Ratio Lower Upper

83 100

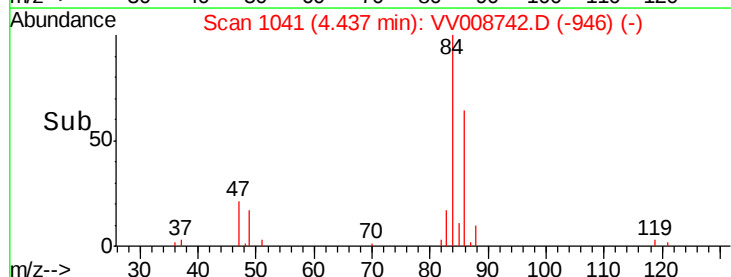
85 61.4 46.4 86.2

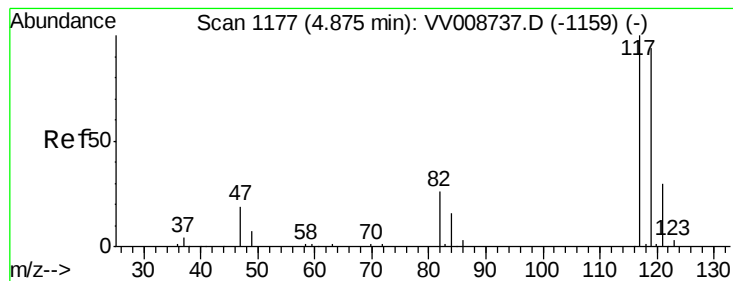


Abundance Ion 83.05 (82.75 to 83.75): VV008737.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV008737.D (-1019) (-)

Time-->





#31

Carbon tetrachloride

Concen: 0.206 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VV008742.D

Acq: 28 Nov 2018 17:39

Instrument :

MSVOA_V

ClientSampleId :

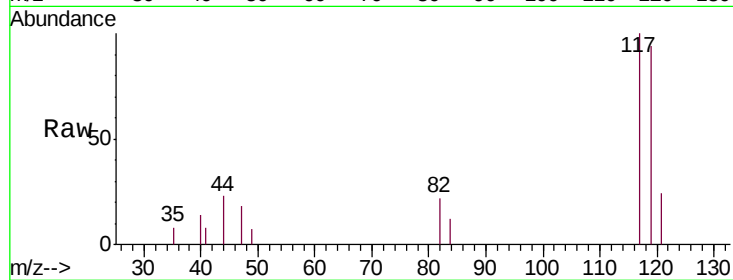
YALQ1

Tgt Ion:117 Resp: 3602

Ion Ratio Lower Upper

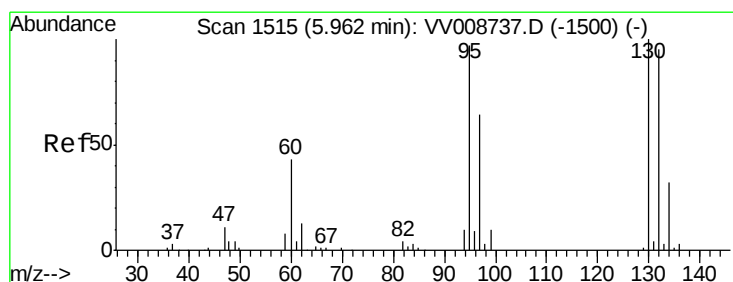
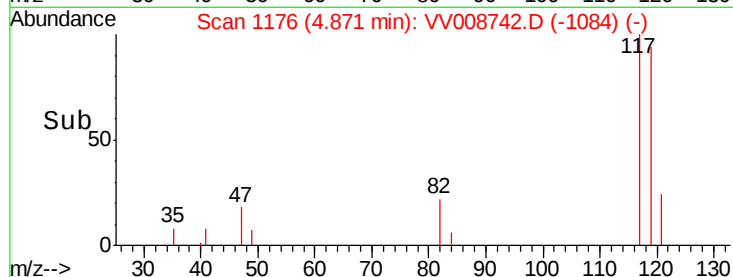
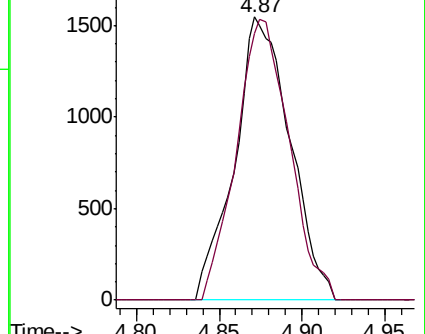
117 100

119 94.5 77.0 115.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 1.203 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008742.D

Acq: 28 Nov 2018 17:39

Tgt Ion: 95 Resp: 17825

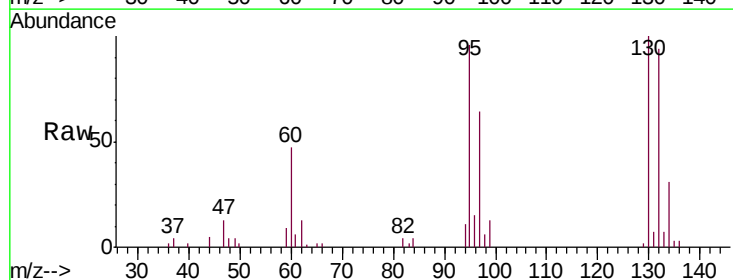
Ion Ratio Lower Upper

95 100

97 66.7 45.1 83.9

132 98.4 68.0 126.4

130 104.5 70.4 130.8

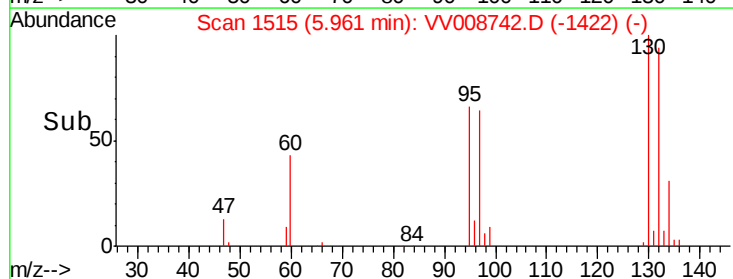
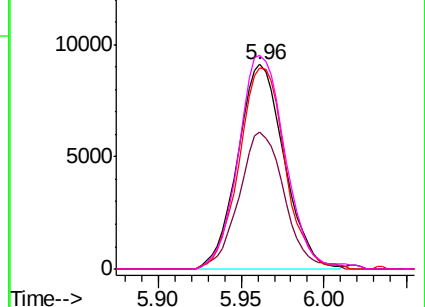


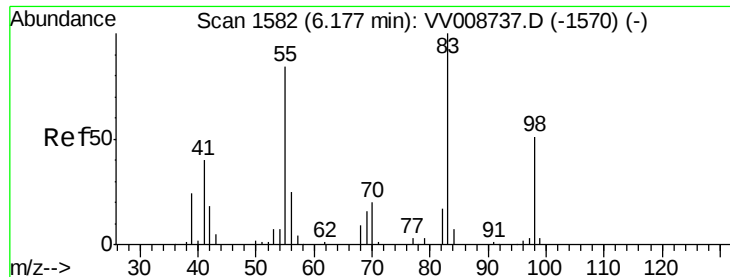
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

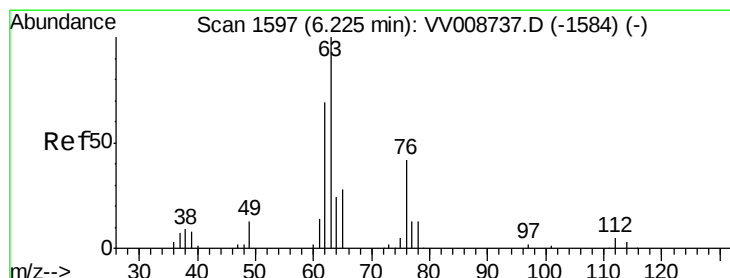
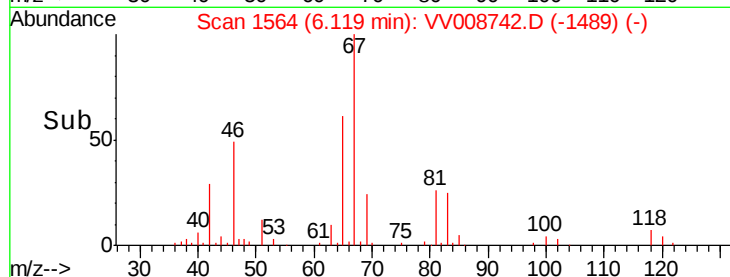
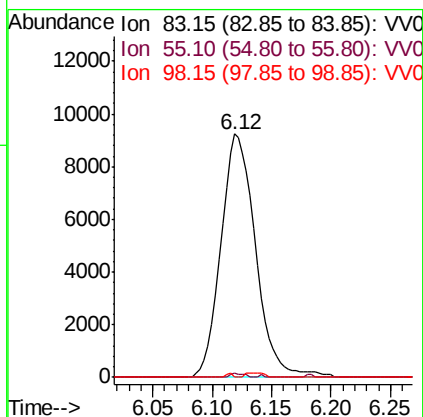
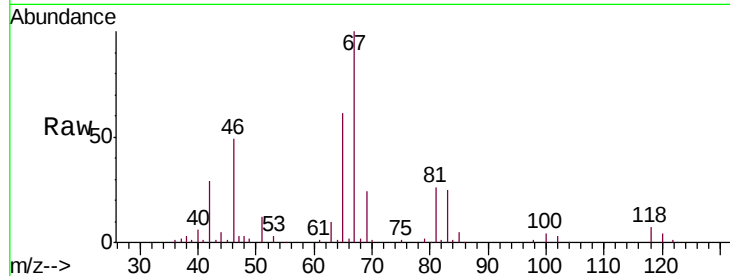




#35
Methylcyclohexane
Concen: 0.791 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008742.D
Acq: 28 Nov 2018 17:39

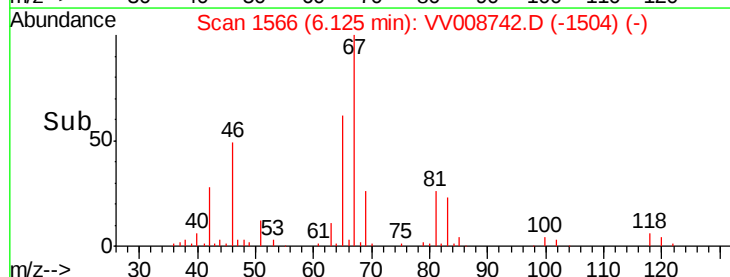
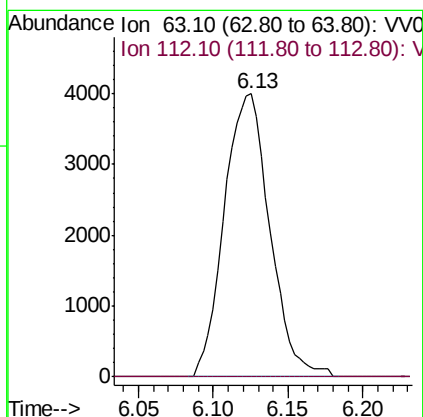
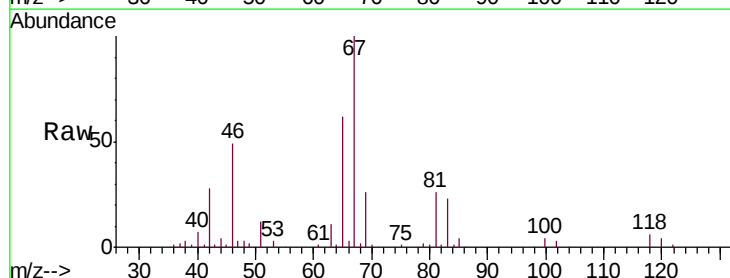
Instrument :
MSVOA_V
ClientSampleId :
YALQ1

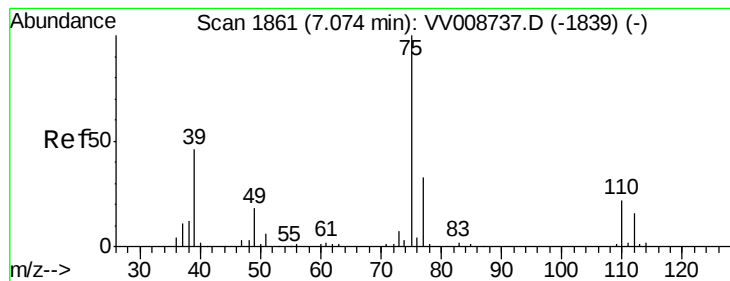
Tgt Ion: 83 Resp: 18682
Ion Ratio Lower Upper
83 100
55 0.6 62.2 93.2#
98 0.3 37.1 55.7#



#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008742.D
Acq: 28 Nov 2018 17:39

Tgt Ion: 63 Resp: 8482
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008742.D

Acq: 28 Nov 2018 17:39

Instrument :

MSVOA_V

ClientSampleId :

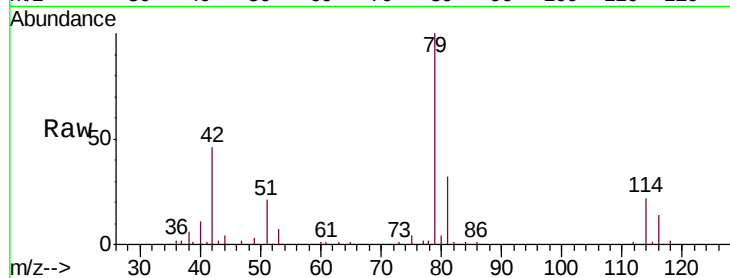
YALQ1

Tgt Ion: 75 Resp: 1865

Ion Ratio Lower Upper

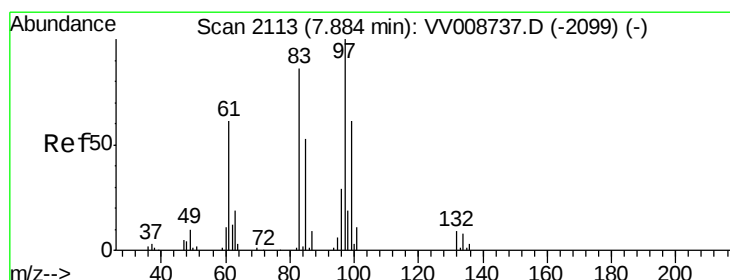
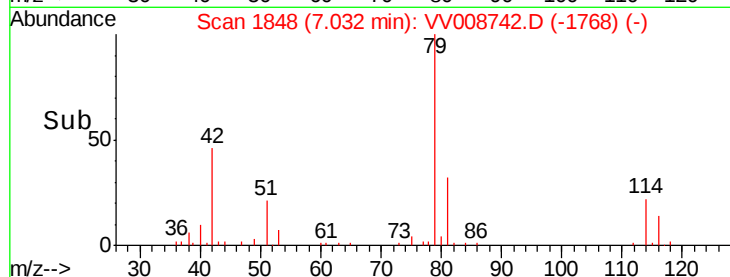
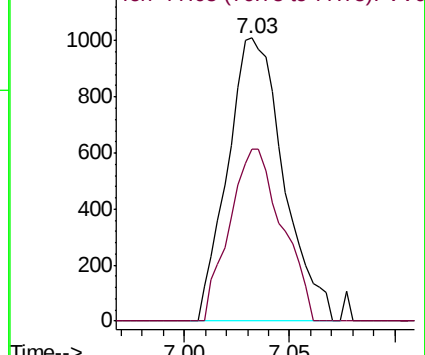
75 100

77 60.7 23.8 44.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#45

1,1,2-Trichloroethane

Concen: 0.325 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.13 min

Lab File: VV008742.D

Acq: 28 Nov 2018 17:39

Tgt Ion: 97 Resp: 2915

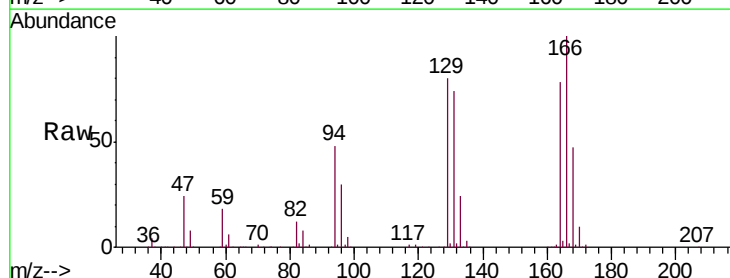
Ion Ratio Lower Upper

97 100

99 15.7 43.8 81.4#

83 237.9 55.8 103.6#

85 36.9 34.6 64.3

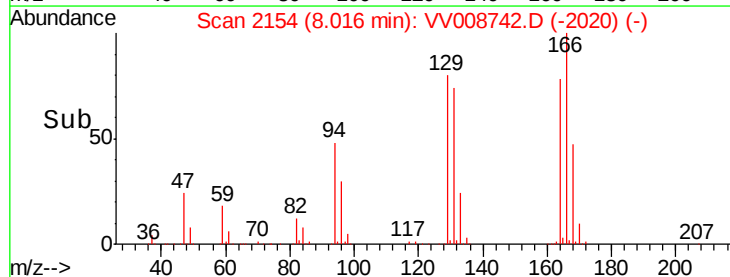
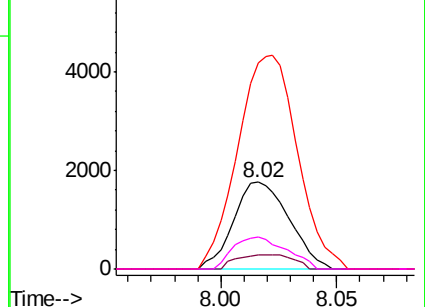


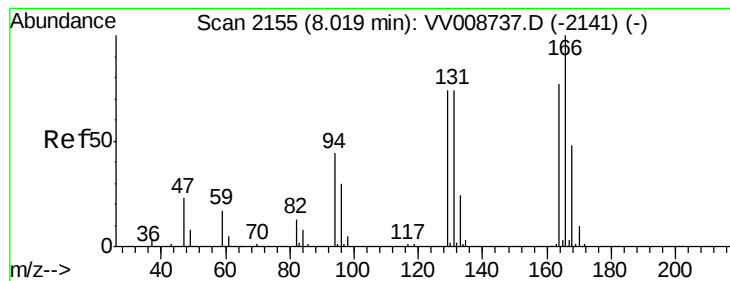
Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0





#47

Tetrachloroethene

Concen: 31.457 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV008742.D

Acq: 28 Nov 2018 17:39

Instrument :
MSVOA_V
ClientSampleId :
YALQ1

Tgt Ion: 164 Resp: 351395

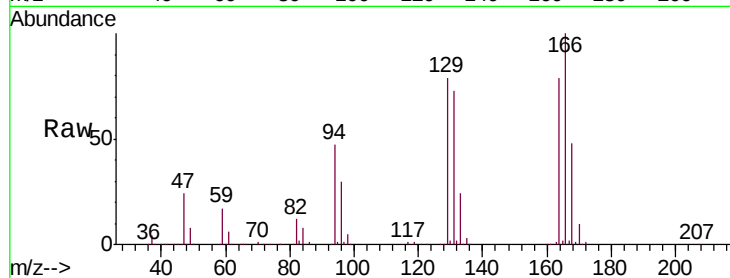
Ion Ratio Lower Upper

164 100

129 100.3 68.9 127.9

131 93.5 66.2 123.0

166 127.3 91.1 169.1

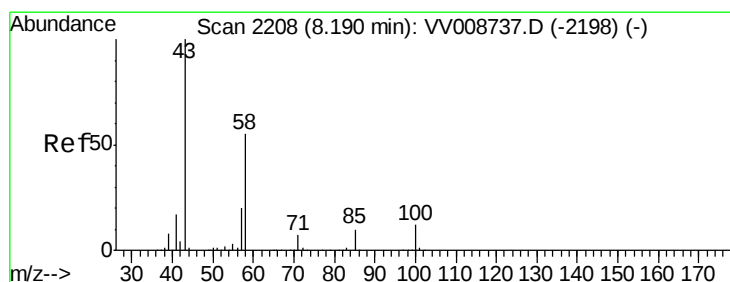
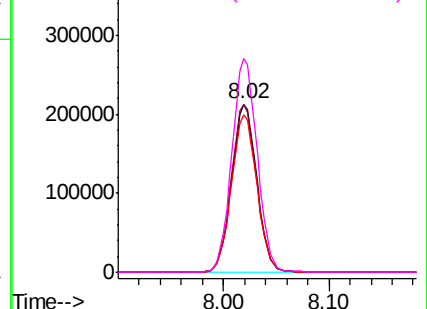
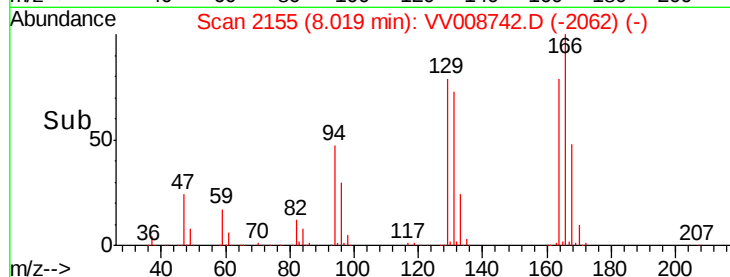


Abundance Ion 163.90 (163.60 to 164.60): V

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



#48

2-Hexanone

Concen: 3.311 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV008742.D

Acq: 28 Nov 2018 17:39

Tgt Ion: 43 Resp: 16102

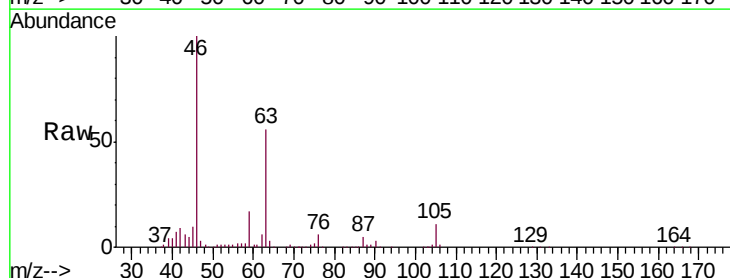
Ion Ratio Lower Upper

43 100

58 24.4 44.1 66.1#

57 20.7 15.2 22.8

100 0.3 9.7 14.5#

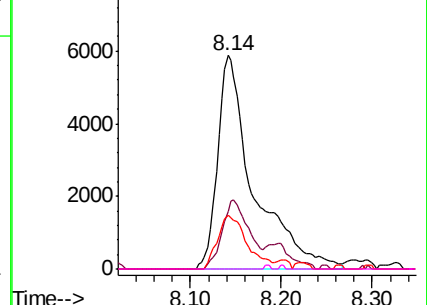
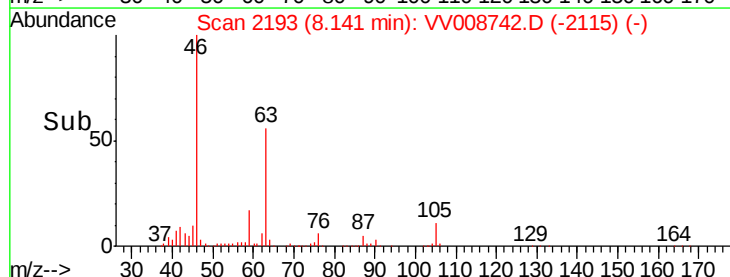


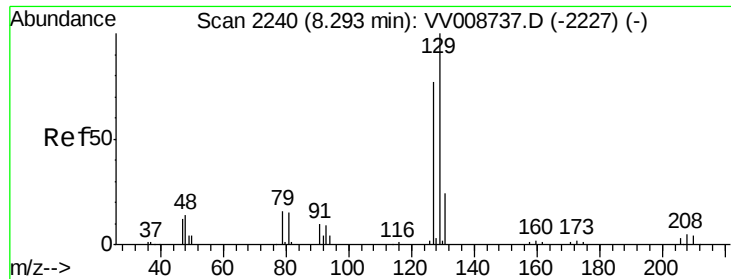
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#49
 Dibromochloromethane
 Concen: 35.412 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.27 min
 Lab File: VV008742.D
 Acq: 28 Nov 2018 17:39

Instrument :
 MSVOA_V
 ClientSampleId :
 YALQ1

Tgt Ion:129 Resp: 333191
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.8 101.8#

