

Data File : VV011606.D
Acq On : 19 Jun 2019 05:55
Operator : SY/MD
Sample : K3389-20
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMB4

Quant Time: Jun 19 07:55:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155888	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	139520	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50545	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34555	2.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.80%
7) Chloroethane-d5	1.58	69	31395	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.12	63	56814	2.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.60%#
20) 2-Butanone-d5	3.96	46	184459	55.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.40%
24) Chloroform-d	4.40	84	96365	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.08	65	65244	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.09	84	186473	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.12	67	64757	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.36	98	143155	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	7.67	79	15024	3.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.40%
46) 2-Hexanone-d5	8.14	63	135061	53.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49783	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	49642	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

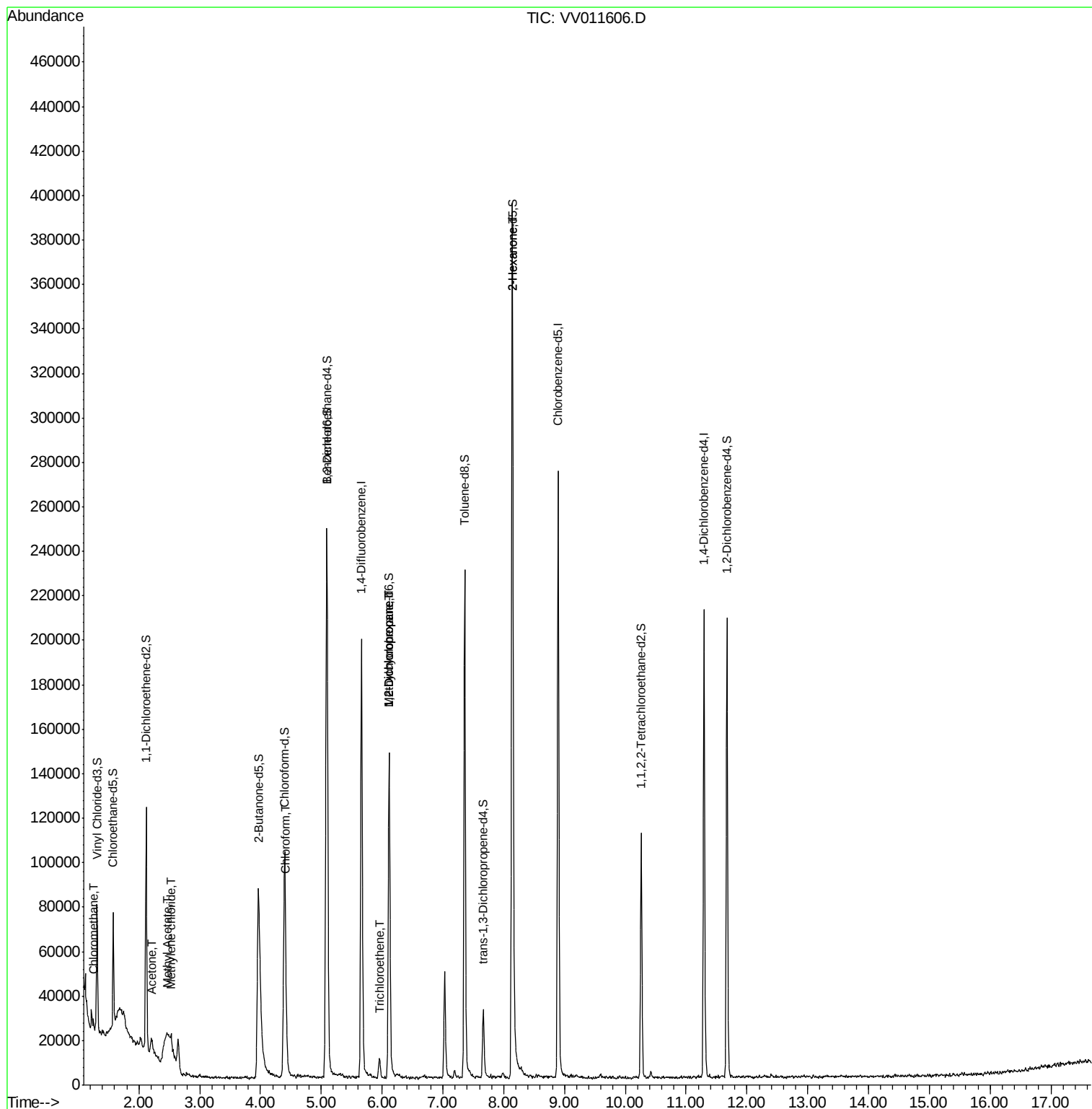
						Qvalue
3) Chloromethane	1.25	50	3137	0.208	ug/L	97
13) Acetone	2.22	43	6443	2.887	ug/L	78
15) Methyl Acetate	2.47	43	11248	1.901	ug/L #	56
16) Methylene chloride	2.52	84	1431	0.130	ug/L	90
25) Chloroform	4.42	83	8641	0.380	ug/L	97
34) Trichloroethene	5.96	95	2387	0.205	ug/L	81
35) Methylcyclohexane	6.12	83	15152	0.914	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8181	0.674	ug/L #	89
48) 2-Hexanone	8.14	43	19920	3.277	ug/L #	73

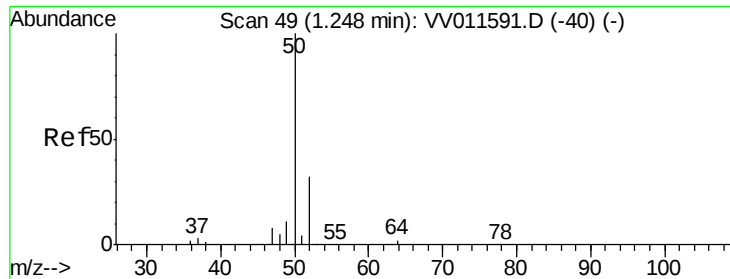
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.208 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011606.D

Acq: 19 Jun 2019 05:55

Instrument :

MSVOA_V

ClientSampleId :

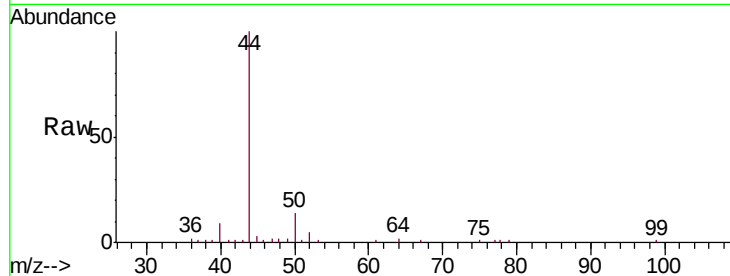
COMB4

Tgt Ion: 50 Resp: 3137

Ion Ratio Lower Upper

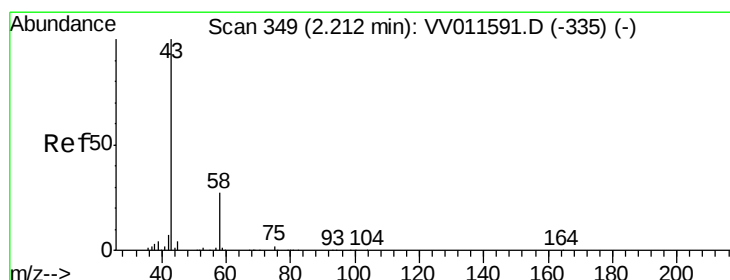
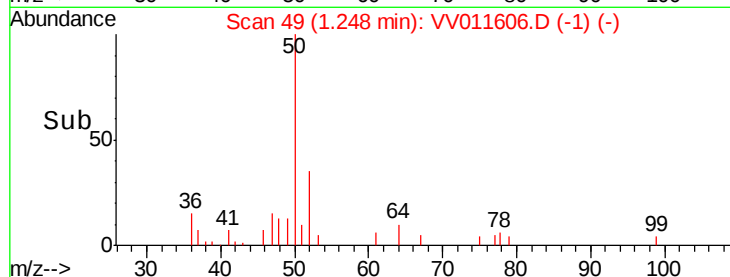
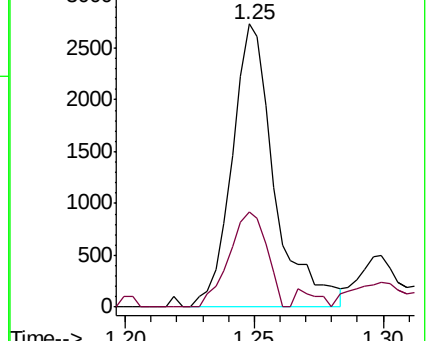
50 100

52 33.8 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV011606.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV011606.D (-1) (-)



#13

Acetone

Concen: 2.887 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.00 min

Lab File: VV011606.D

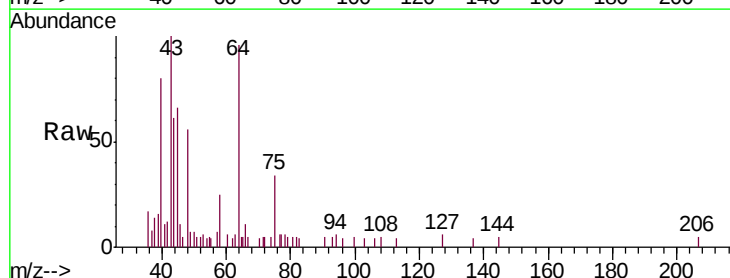
Acq: 19 Jun 2019 05:55

Tgt Ion: 43 Resp: 6443

Ion Ratio Lower Upper

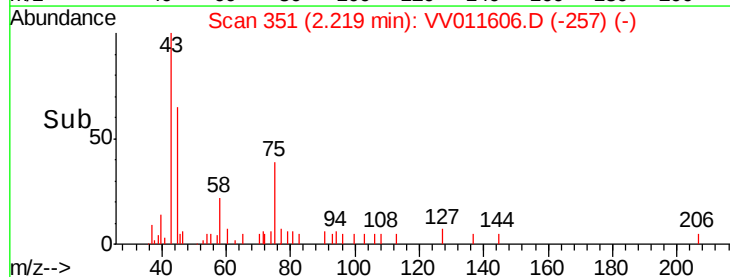
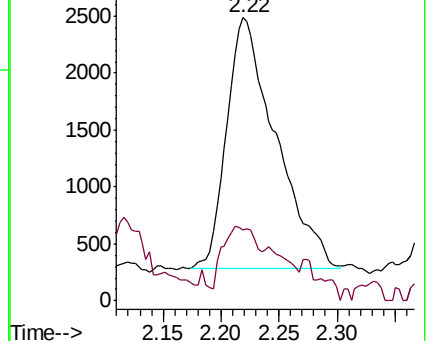
43 100

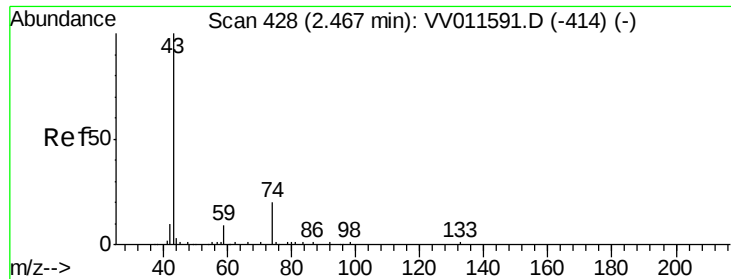
58 17.2 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV011606.D (-257) (-)

Ion 58.05 (57.75 to 58.75): VV011606.D (-257) (-)





#15

Methyl Acetate

Concen: 1.901 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VV011606.D

Acq: 19 Jun 2019 05:55

Instrument :

MSVOA_V

ClientSampled :

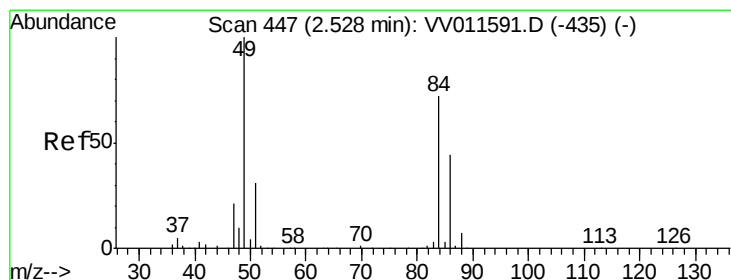
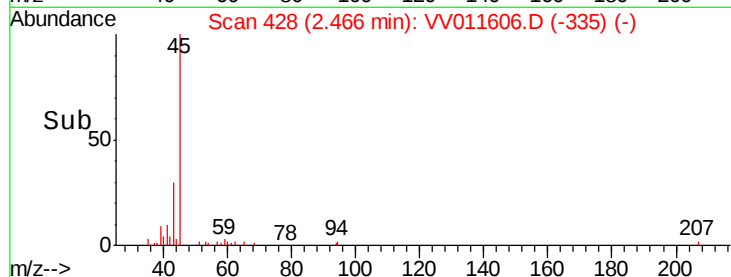
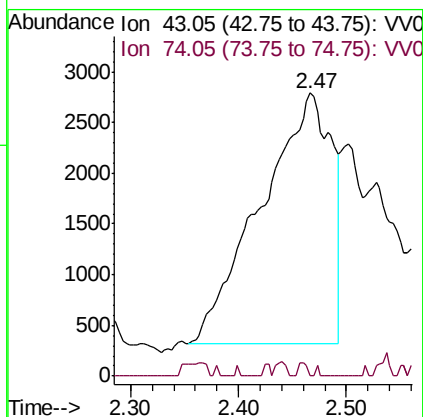
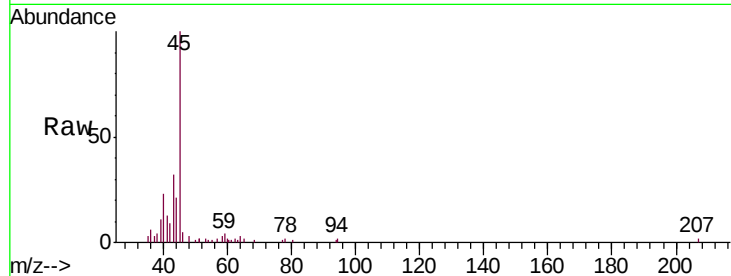
COMB4

Tgt Ion: 43 Resp: 11248

Ion Ratio Lower Upper

43 100

74 0.2 16.5 24.7#



#16

Methylene chloride

Concen: 0.130 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.00 min

Lab File: VV011606.D

Acq: 19 Jun 2019 05:55

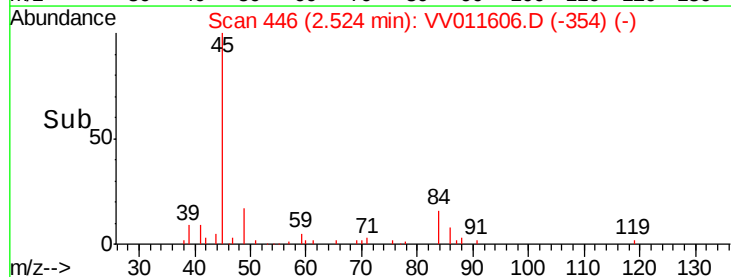
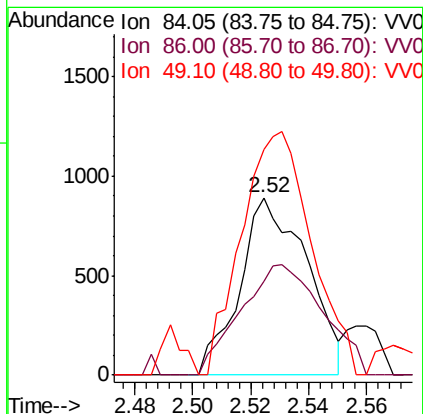
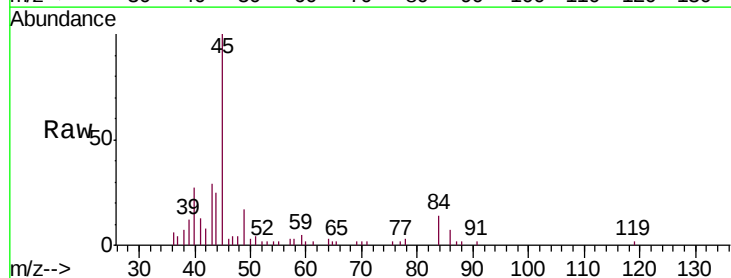
Tgt Ion: 84 Resp: 1431

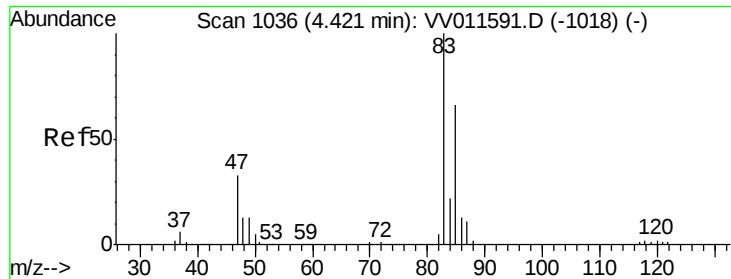
Ion Ratio Lower Upper

84 100

86 52.6 42.5 78.9

49 127.6 97.7 181.5





#25

Chloroform

Concen: 0.380 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VV011606.D

Acq: 19 Jun 2019 05:55

Instrument :

MSVOA_V

ClientSampleId :

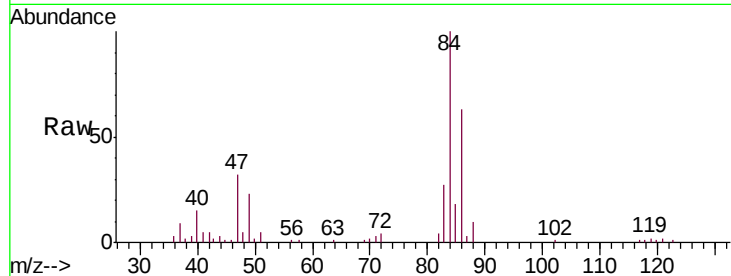
COMB4

Tgt Ion: 83 Resp: 8641

Ion Ratio Lower Upper

83 100

85 66.3 44.6 82.8

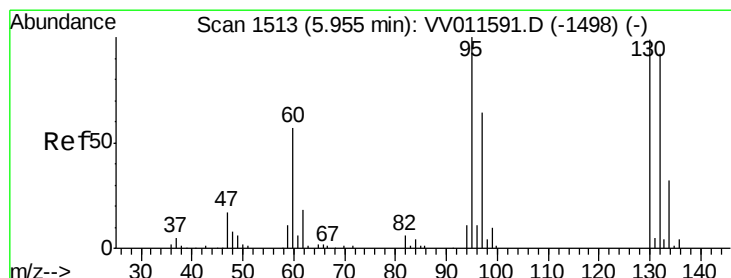
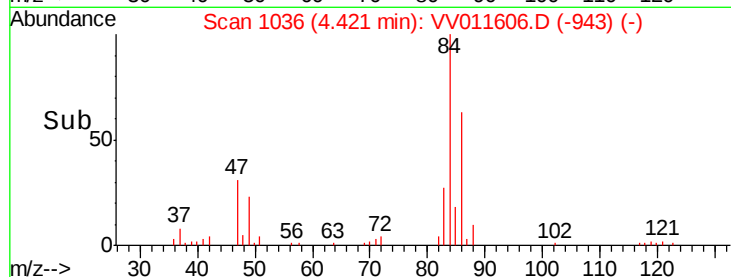


Abundance Ion 83.05 (82.75 to 83.75): VV011591.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV011591.D (-1018) (-)

4.42

Time-->



#34

Trichloroethene

Concen: 0.205 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011606.D

Acq: 19 Jun 2019 05:55

Tgt Ion: 95 Resp: 2387

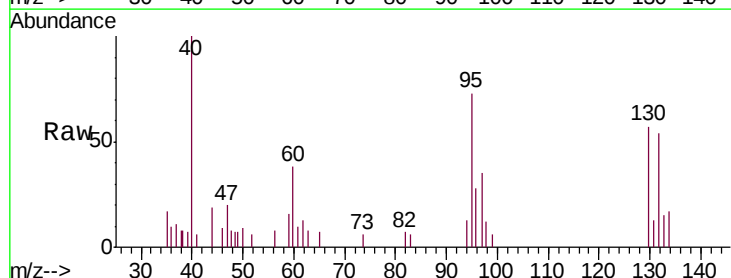
Ion Ratio Lower Upper

95 100

97 47.4 44.4 82.4

132 74.3 63.5 117.9

130 78.4 68.5 127.3



Abundance Ion 95.00 (94.70 to 95.70): VV011591.D (-1498) (-)

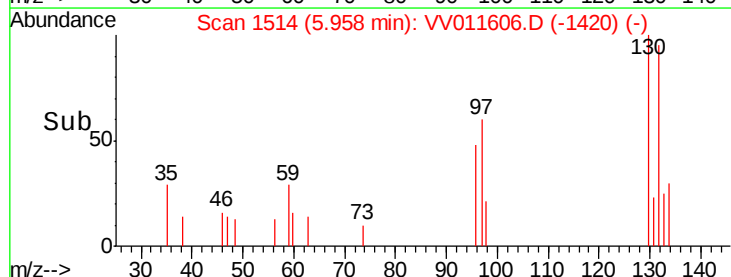
Ion 96.95 (96.65 to 97.65): VV011591.D (-1498) (-)

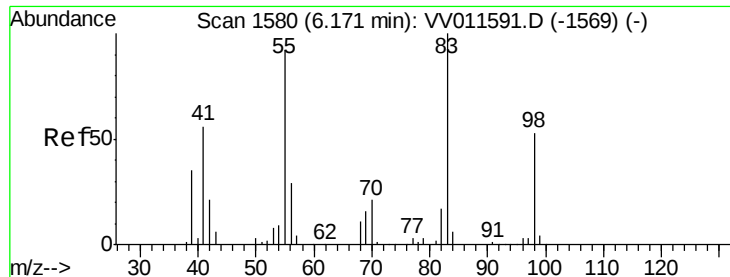
Ion 131.95 (131.65 to 132.65): VV011591.D (-1498) (-)

Ion 129.95 (129.65 to 130.65): VV011591.D (-1498) (-)

5.96

Time-->

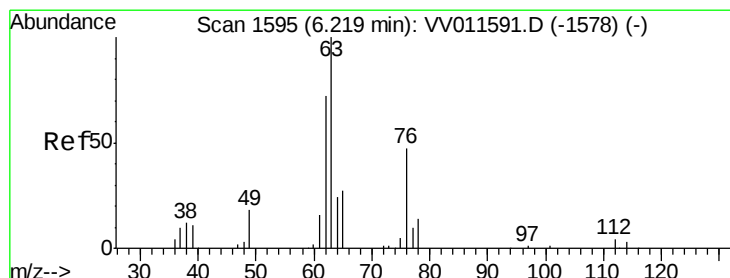
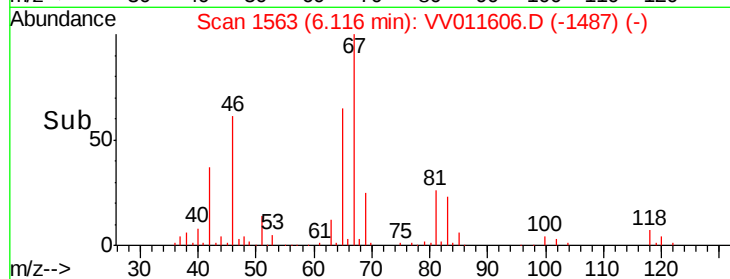
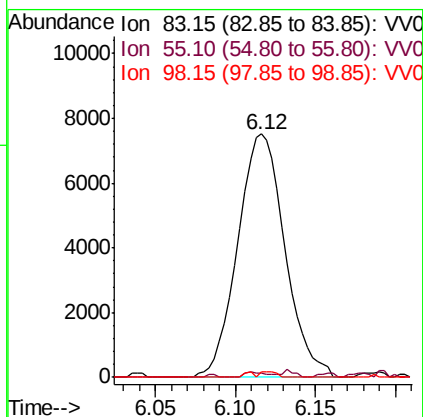
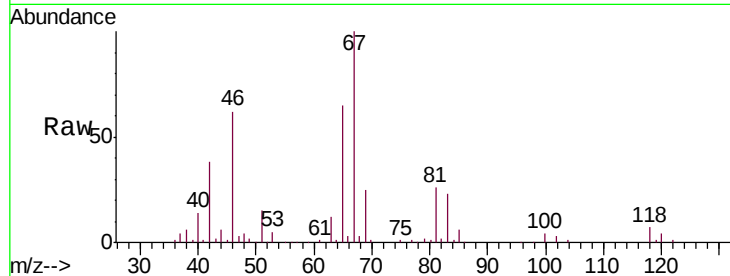




#35
Methylcyclohexane
Concen: 0.914 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011606.D
Acq: 19 Jun 2019 05:55

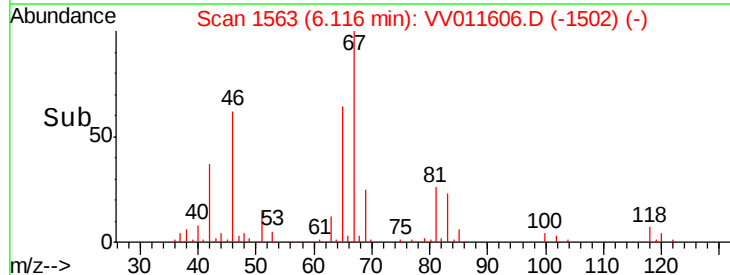
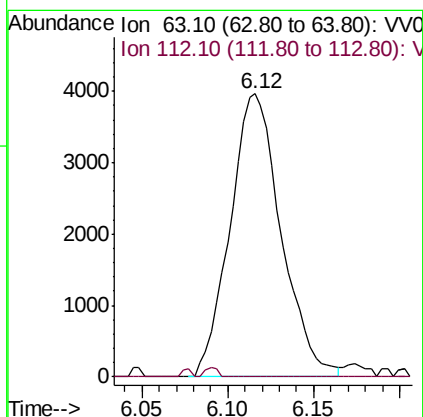
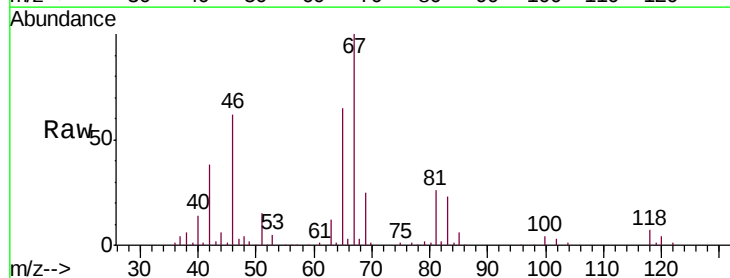
Instrument :
MSVOA_V
ClientSampleId :
COMB4

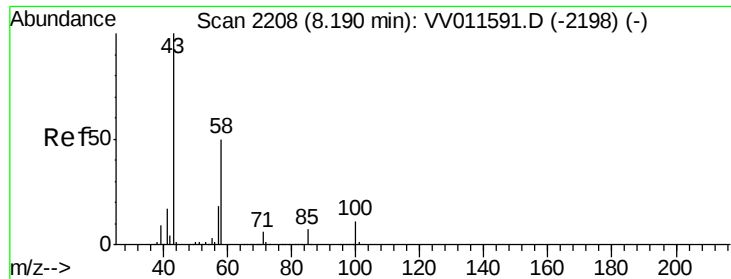
Tgt Ion: 83 Resp: 15152
Ion Ratio Lower Upper
83 100
55 0.7 67.9 101.9#
98 0.8 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.674 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011606.D
Acq: 19 Jun 2019 05:55

Tgt Ion: 63 Resp: 8181
Ion Ratio Lower Upper
63 100
112 0.8 3.7 5.5#





#48
 2-Hexanone
 Concen: 3.277 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV011606.D
 Acq: 19 Jun 2019 05:55

Instrument :
 MSVOA_V
 ClientSampleId :
 COMB4

Tgt Ion:	43	Resp:	19920
Ion	Ratio	Lower	Upper
43	100		
58	31.6	40.6	60.8#
57	30.3	14.2	21.4#
100	1.0	8.6	12.8#

