

Data File : VV011526.D
Acq On : 15 Jun 2019 08:58
Operator : SY/MD
Sample : K3379-06
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jun 17 04:34:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 17 04:30:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	181849	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	162236	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	64113	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55112	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.58	69	43272	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.12	63	86329	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.96	46	180236	46.65	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.30%
24) Chloroform-d	4.40	84	113507	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.08	65	68409	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.09	84	221710	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.12	67	70563	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.36	98	187636	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.66	79	19259	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.14	63	137399	46.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49426	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	62857	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

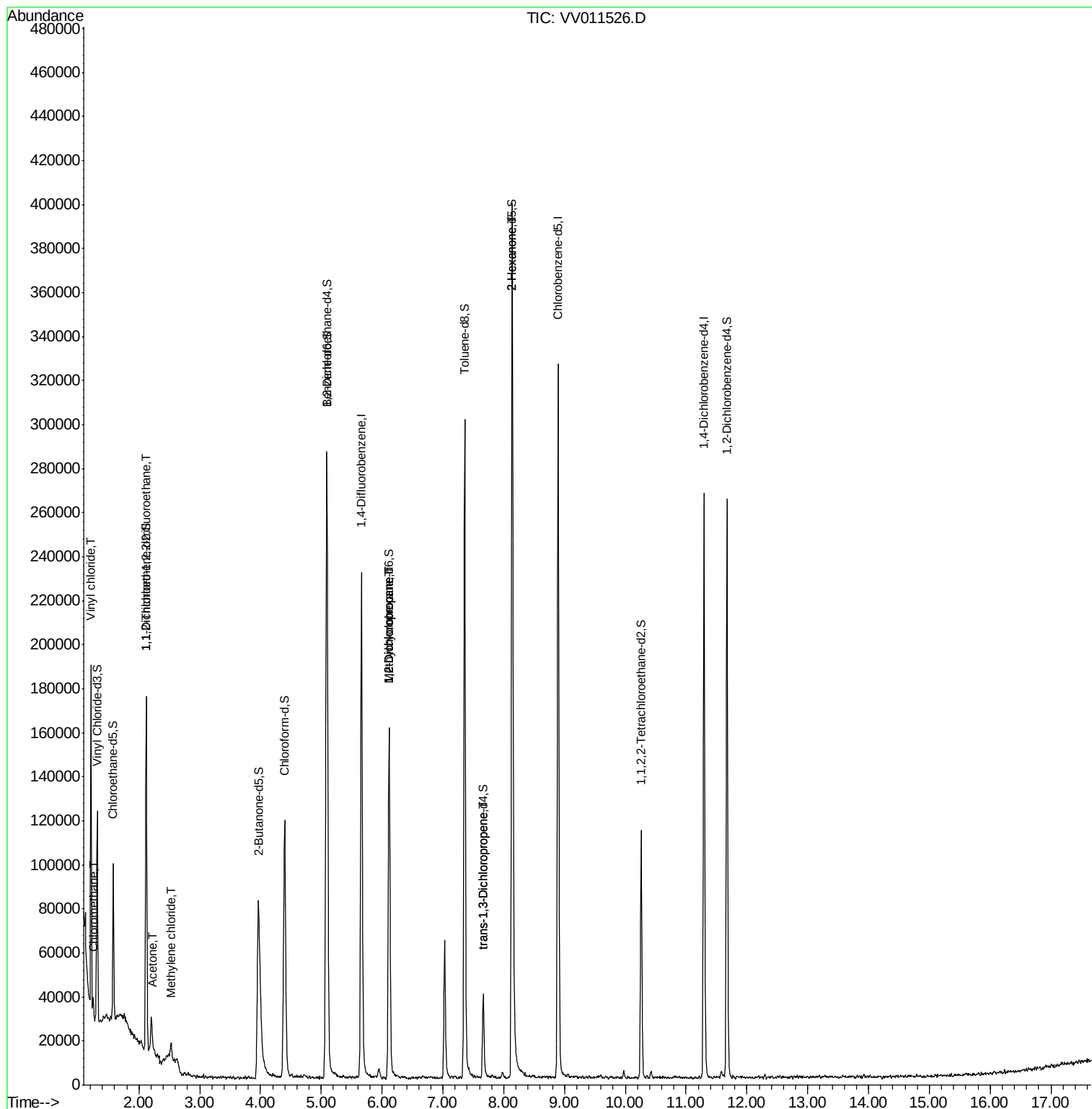
						Qvalue
3) Chloromethane	1.25	50	4839	0.275	ug/L	98
5) Vinyl chloride	1.21	62	1269	0.073	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	921	0.084	ug/L #	22
13) Acetone	2.23	43	5423	2.083	ug/L	88
16) Methylene chloride	2.53	84	2597	0.202	ug/L	96
35) Methylcyclohexane	6.12	83	17355	0.901	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9260	0.657	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1257	0.093	ug/L	84
48) 2-Hexanone	8.14	43	20679	2.925	ug/L #	71

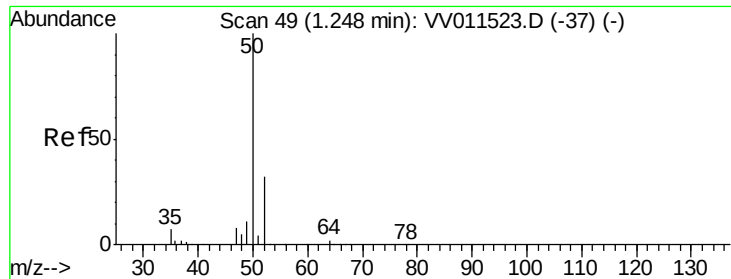
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.275 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011526.D

Acq: 15 Jun 2019 08:58

Instrument :

MSVOA_V

ClientSampleId :

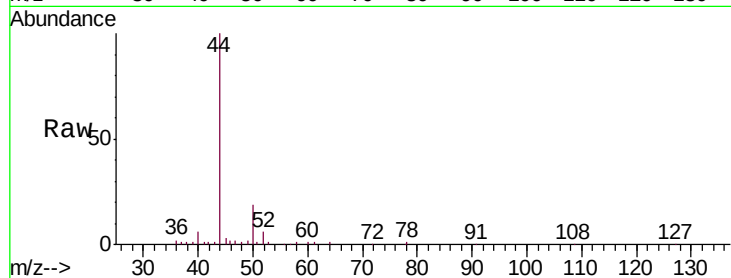
VHBLK01

Tgt Ion: 50 Resp: 4839

Ion Ratio Lower Upper

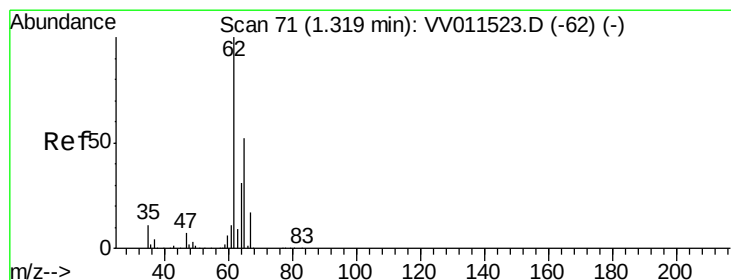
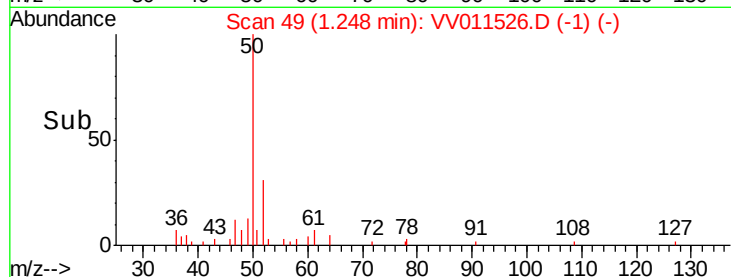
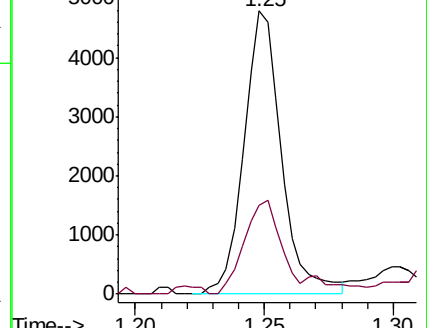
50 100

52 31.4 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV011523.D (-37) (-)

Ion 52.05 (51.75 to 52.75): VV011523.D (-37) (-)



#5

Vinyl chloride

Concen: 0.073 ug/L

RT: 1.21 min Scan# 38

Delta R.T. -0.11 min

Lab File: VV011526.D

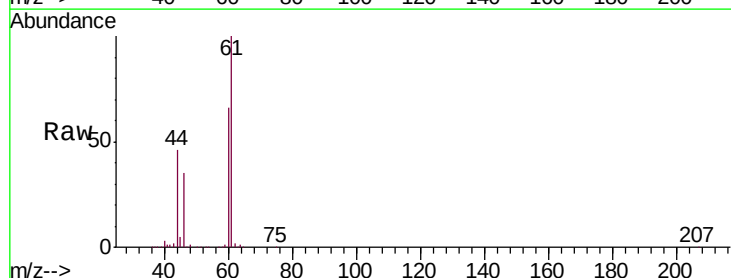
Acq: 15 Jun 2019 08:58

Tgt Ion: 62 Resp: 1269

Ion Ratio Lower Upper

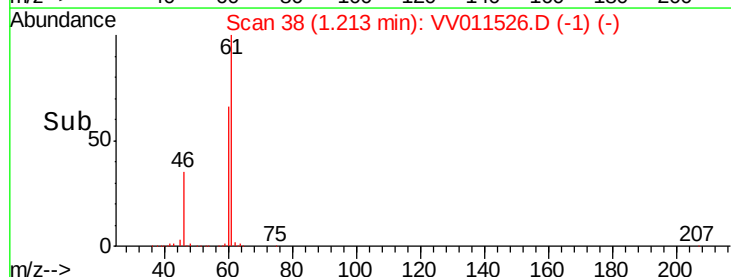
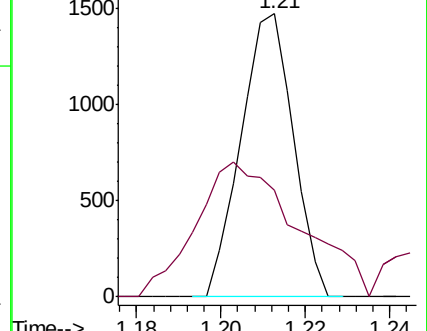
62 100

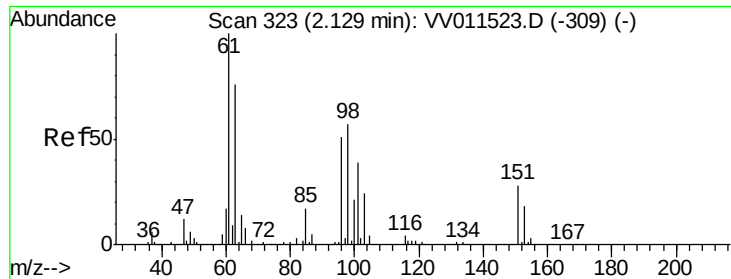
64 37.7 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VV011523.D (-62) (-)

Ion 64.10 (63.80 to 64.80): VV011523.D (-62) (-)





#10

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

Concen: 0.084 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV011526.D

Acq: 15 Jun 2019 08:58

Instrument :

MSVOA_V

ClientSampled :

VHBLK01

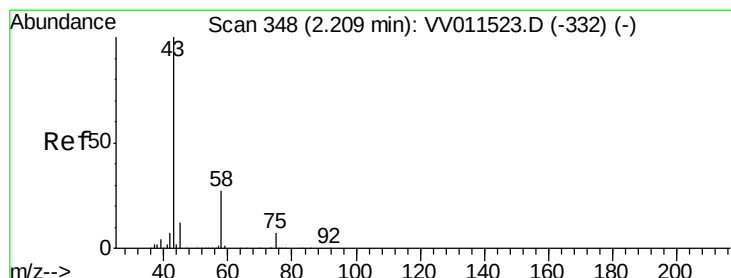
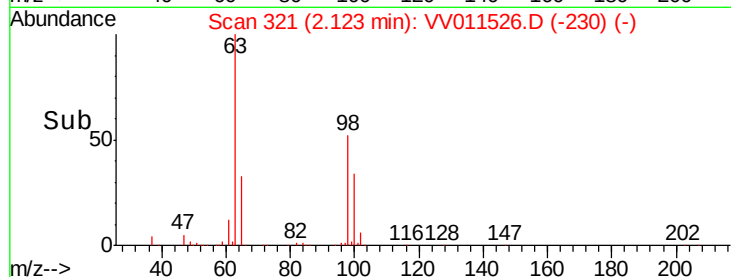
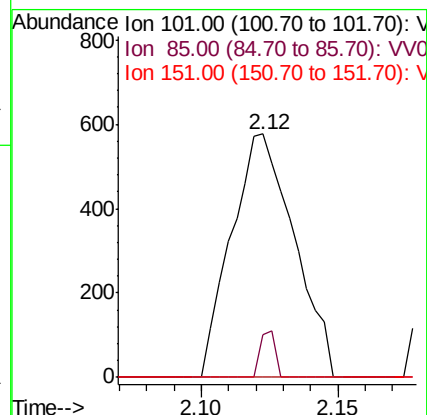
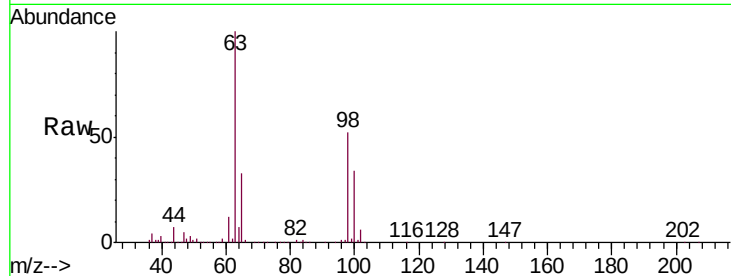
Tgt Ion:101 Resp: 921

Ion Ratio Lower Upper

101 100

85 4.5 37.3 55.9#

151 0.0 59.4 89.2#



#13

Acetone

Concen: 2.083 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.02 min

Lab File: VV011526.D

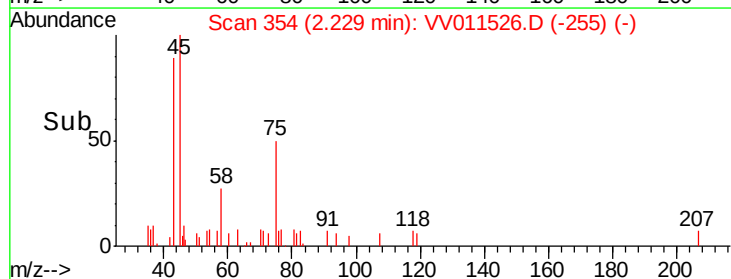
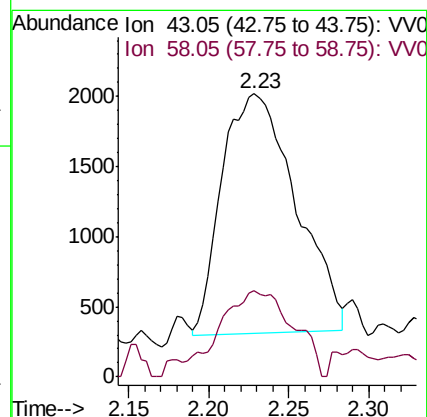
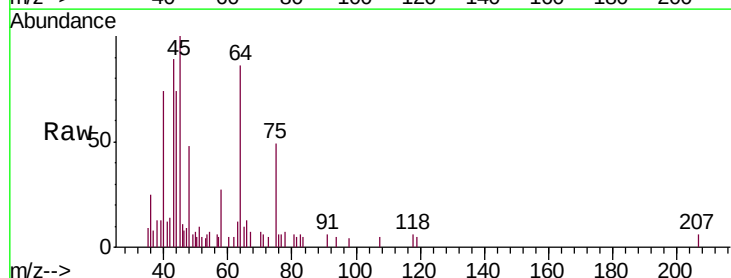
Acq: 15 Jun 2019 08:58

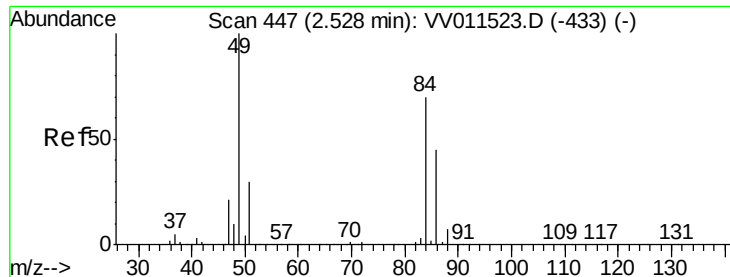
Tgt Ion: 43 Resp: 5423

Ion Ratio Lower Upper

43 100

58 35.5 0.0 57.8

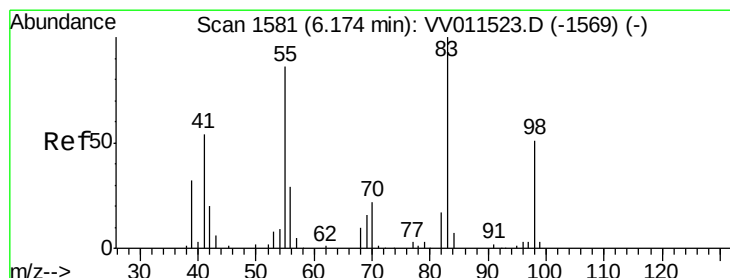
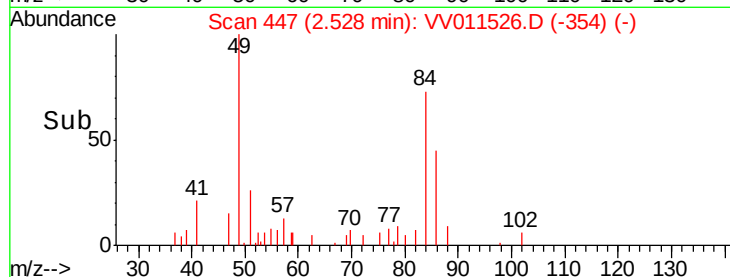
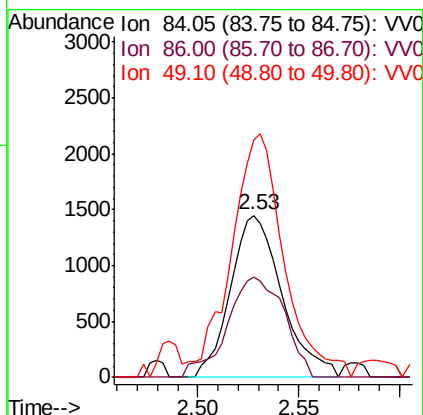
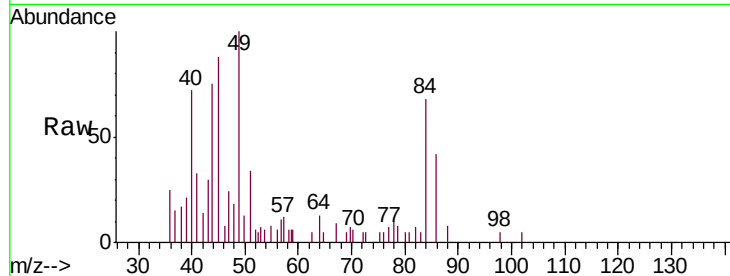




#16
Methylene chloride
Concen: 0.202 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV011526.D
Acq: 15 Jun 2019 08:58

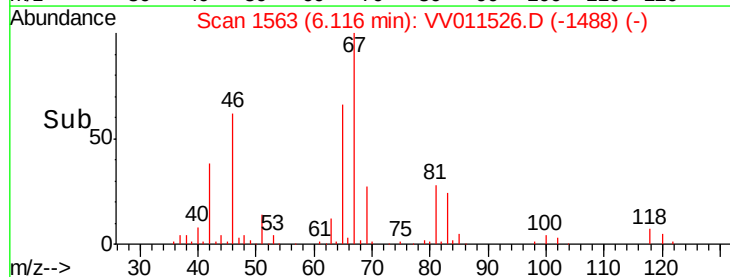
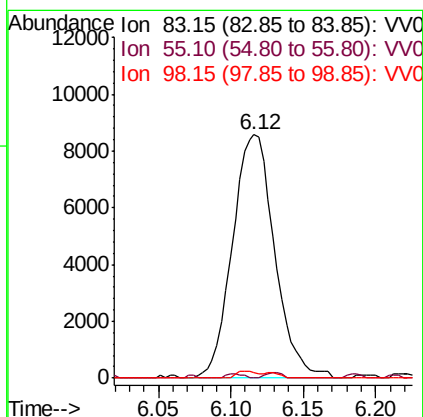
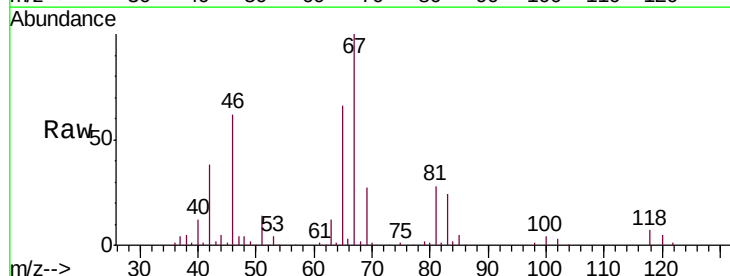
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

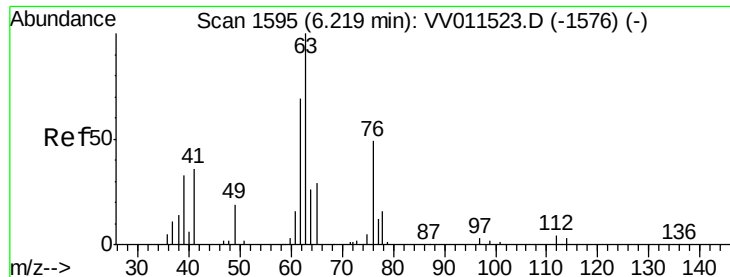
Tgt Ion: 84 Resp: 2597
Ion Ratio Lower Upper
84 100
86 61.9 42.5 78.9
49 146.2 97.7 181.5



#35
Methylcyclohexane
Concen: 0.901 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011526.D
Acq: 15 Jun 2019 08:58

Tgt Ion: 83 Resp: 17355
Ion Ratio Lower Upper
83 100
55 0.7 67.9 101.9#
98 1.4 39.6 59.4#

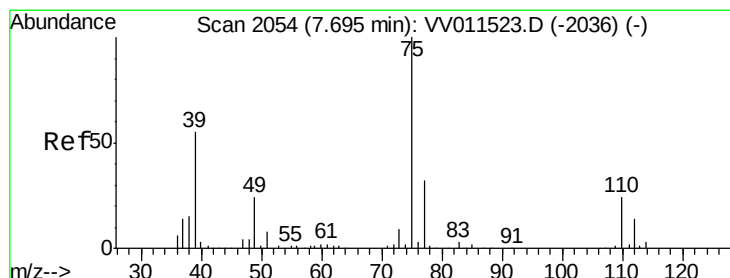
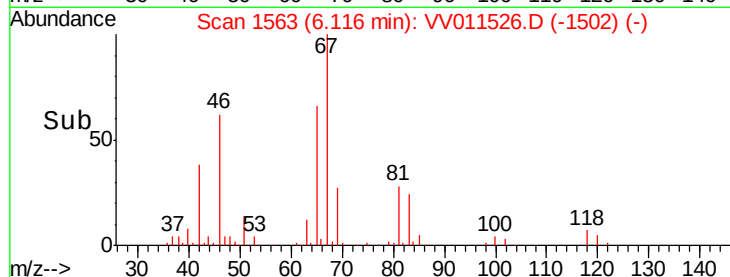
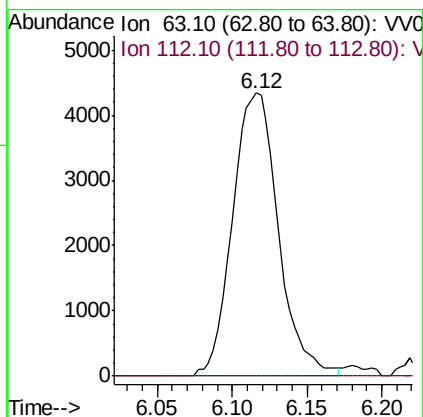
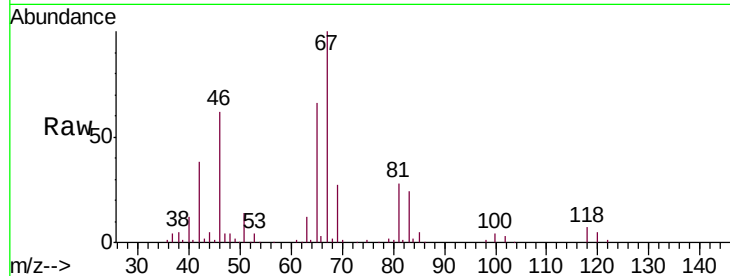




#37
 1,2-Dichloropropane
 Concen: 0.657 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011526.D
 Acq: 15 Jun 2019 08:58

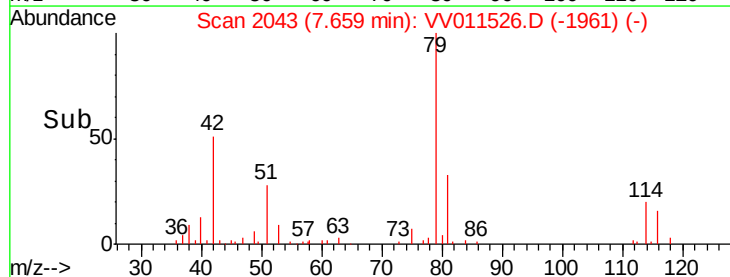
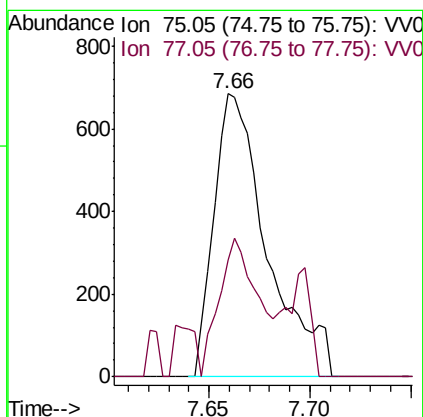
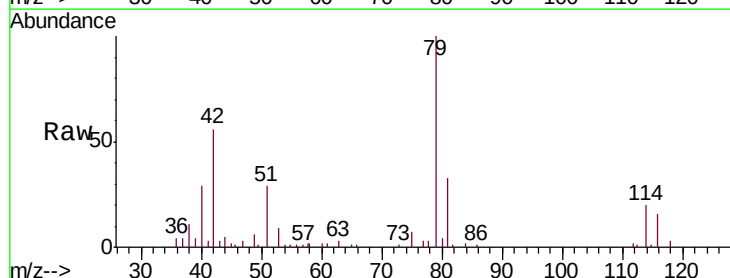
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

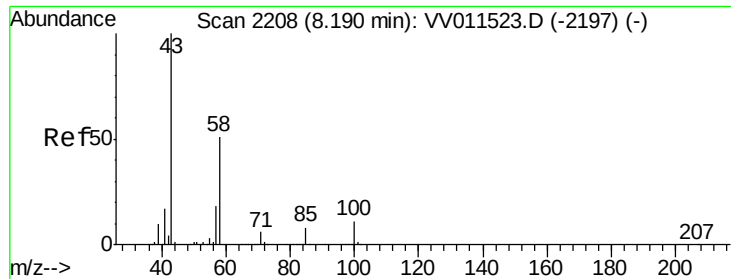
Tgt Ion: 63 Resp: 9260
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.7 5.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.04 min
 Lab File: VV011526.D
 Acq: 15 Jun 2019 08:58

Tgt Ion: 75 Resp: 1257
 Ion Ratio Lower Upper
 75 100
 77 41.3 22.8 42.4





#48

2-Hexanone

Concen: 2.925 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011526.D

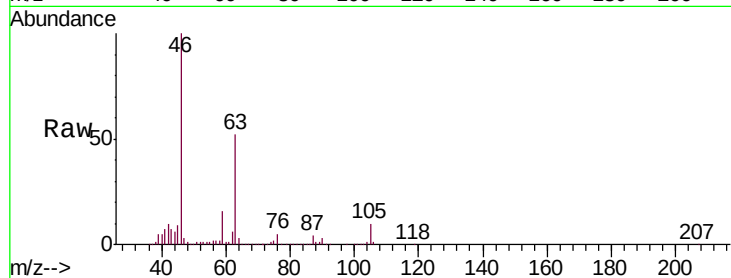
Acq: 15 Jun 2019 08:58

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01



Tgt Ion:	43	Resp:	20679
Ion	Ratio	Lower	Upper
43	100		
58	26.8	40.6	60.8#
57	24.7	14.2	21.4#
100	0.3	8.6	12.8#

