

Data File : VV011554.D
Acq On : 17 Jun 2019 16:47
Operator : SY/MD
Sample : K3365-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jun 18 08:46:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 18 08:42:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	175746	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	160990	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62553	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	64325	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.58	69	48405	5.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.20%
11) 1,1-Dichloroethene-d2	2.12	63	100744	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.80%
20) 2-Butanone-d5	3.96	46	189967	50.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.76%
24) Chloroform-d	4.40	84	126545	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.08	65	74054	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.09	84	253430	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.12	67	79982	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.36	98	217642	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.66	79	24694	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.14	63	143254	48.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51809	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	69250	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

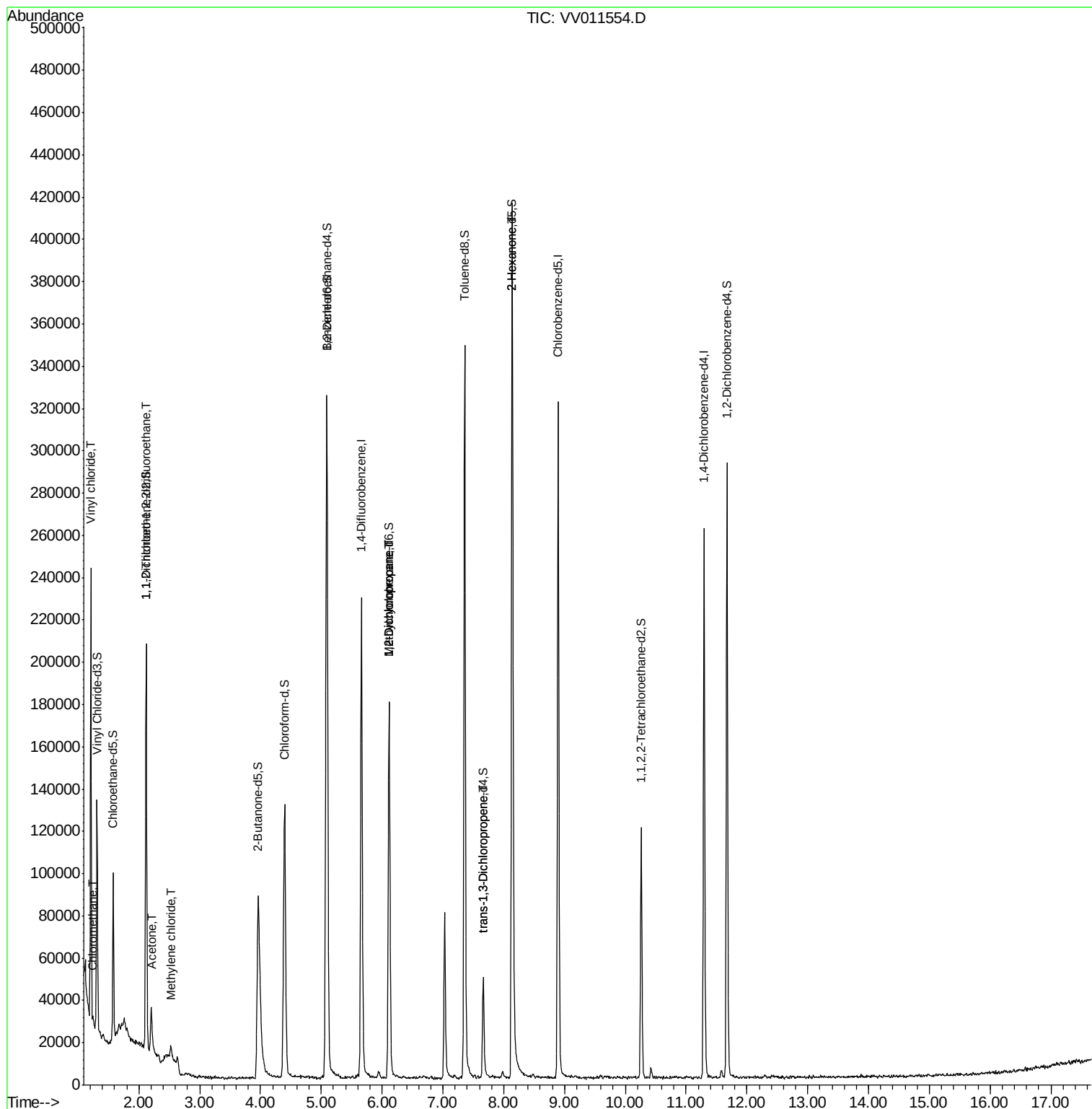
						Qvalue
3) Chloromethane	1.25	50	2636	0.155	ug/L	95
5) Vinyl chloride	1.21	62	1474	0.088	ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	947	0.090	ug/L #	20
13) Acetone	2.22	43	6826	2.713	ug/L	85
16) Methylene chloride	2.53	84	1722	0.139	ug/L	73
35) Methylcyclohexane	6.12	83	19048	0.996	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	9598	0.686	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1438	0.107	ug/L	92
48) 2-Hexanone	8.14	43	19994	2.850	ug/L #	69

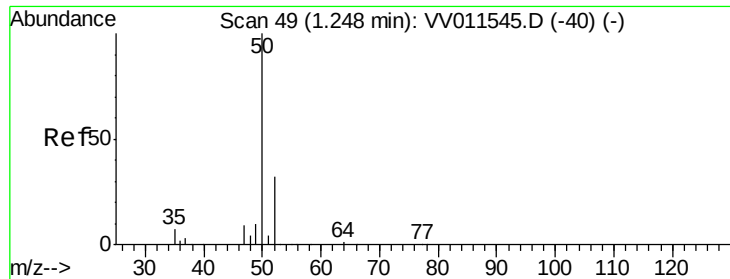
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.155 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

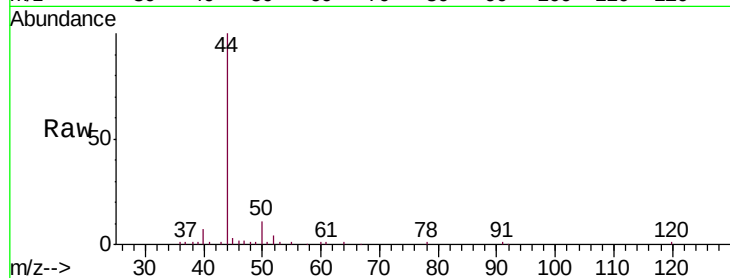
VHBLK01

Tgt Ion: 50 Resp: 2636

Ion Ratio Lower Upper

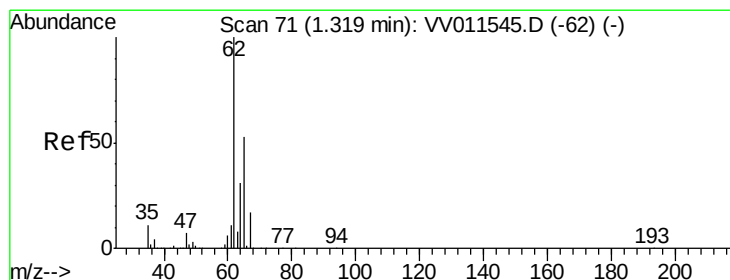
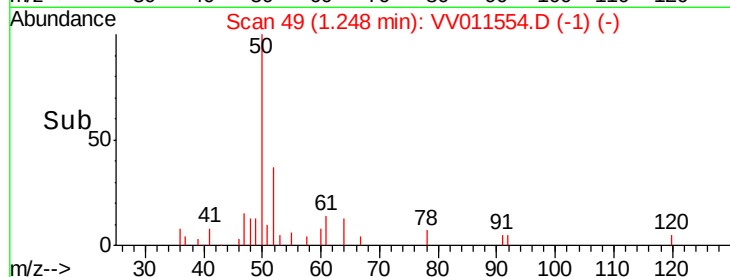
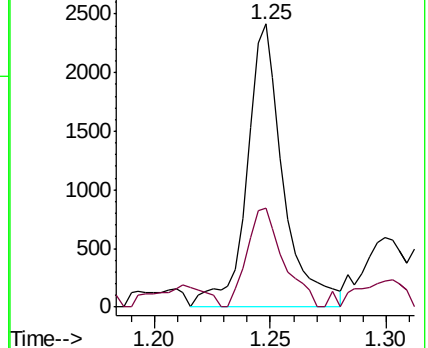
50 100

52 35.2 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 0.088 ug/L

RT: 1.21 min Scan# 37

Delta R.T. -0.11 min

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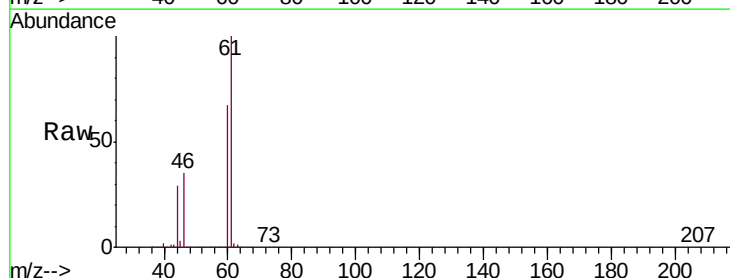
Acq: 17 Jun 2019 16:47

Tgt Ion: 62 Resp: 1474

Ion Ratio Lower Upper

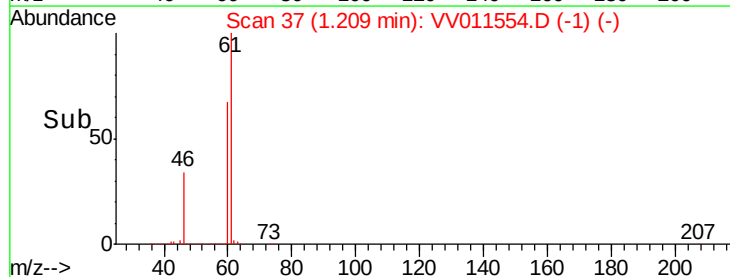
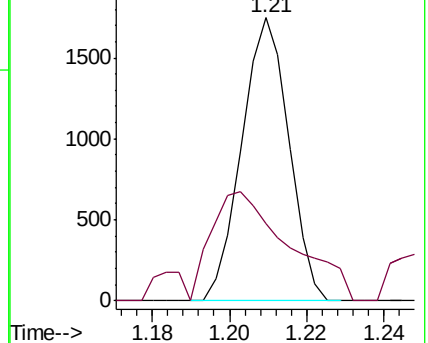
62 100

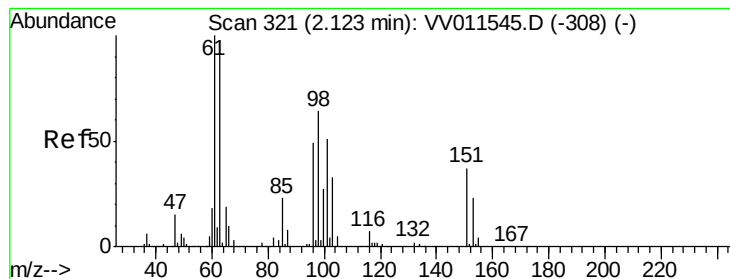
64 27.2 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0





#10

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

Concen: 0.090 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

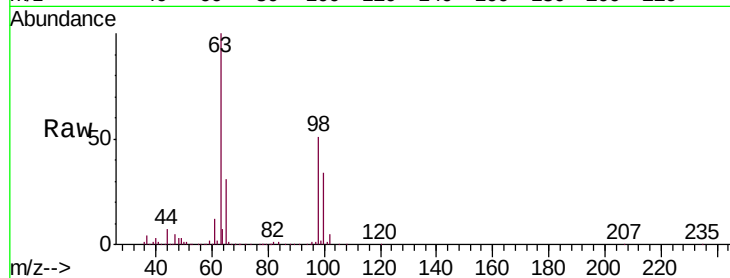
Tgt Ion: 101 Resp: 947

Ion Ratio Lower Upper

101 100

85 2.1 37.3 55.9#

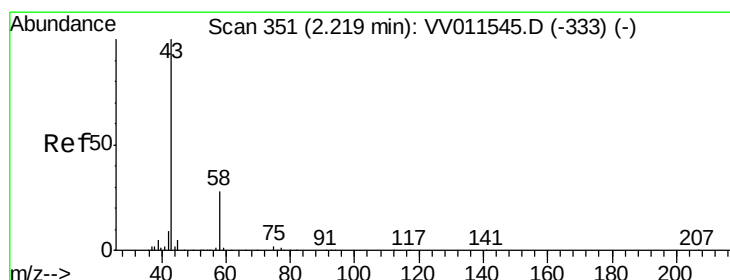
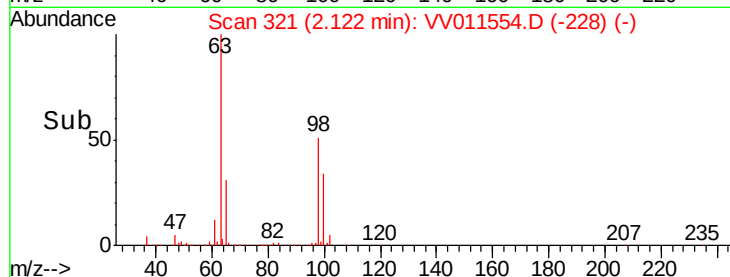
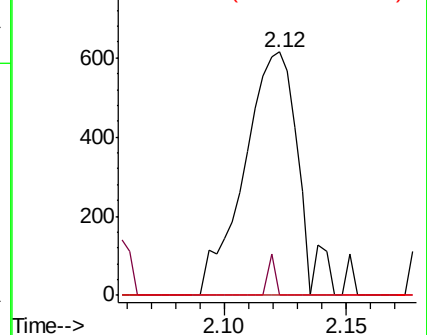
151 0.0 59.4 89.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.713 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.00 min

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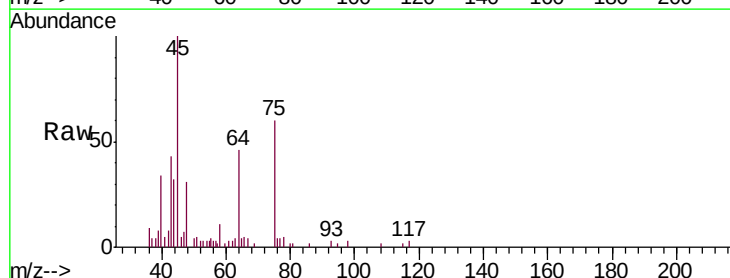
Acq: 17 Jun 2019 16:47

Tgt Ion: 43 Resp: 6826

Ion Ratio Lower Upper

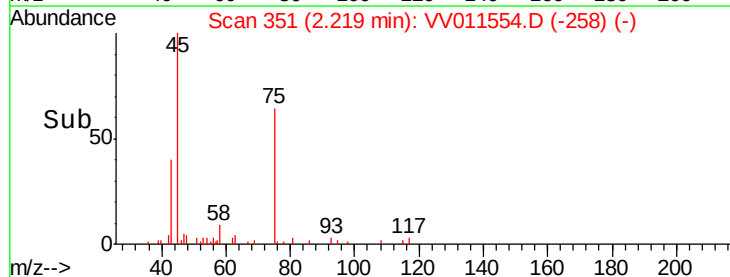
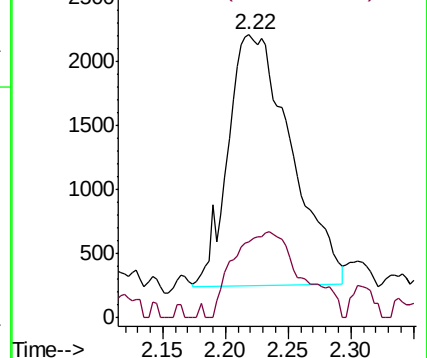
43 100

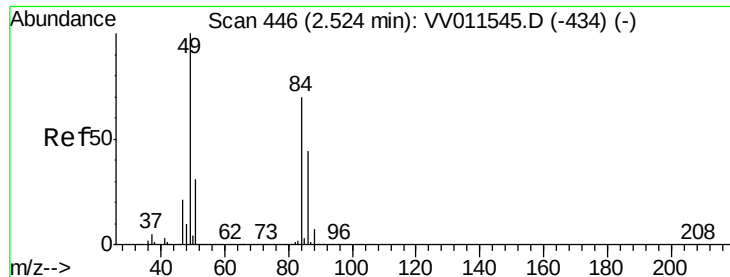
58 37.2 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

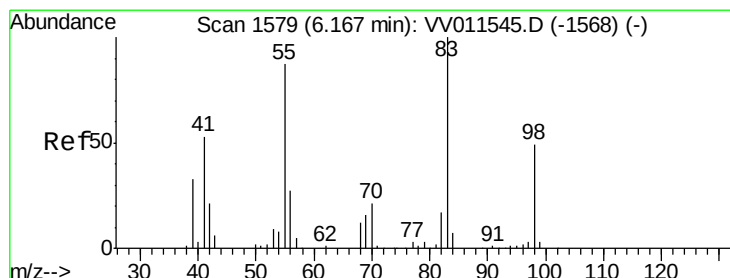
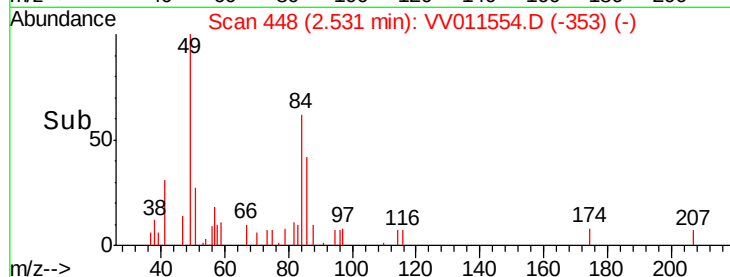
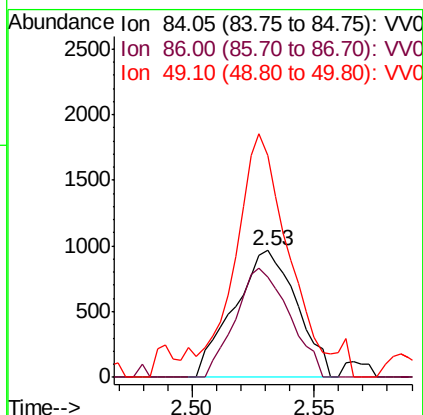
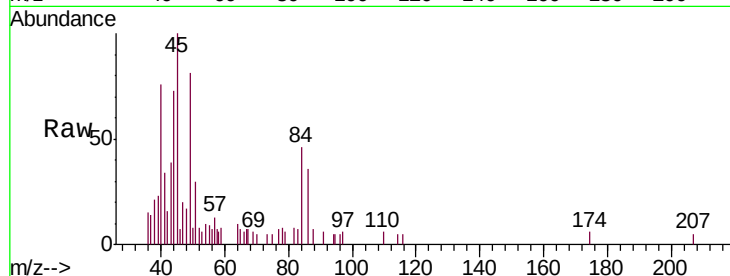




#16
Methylene chloride
Concen: 0.139 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.01 min
Lab File: VV011554.D
Acq: 17 Jun 2019 16:47

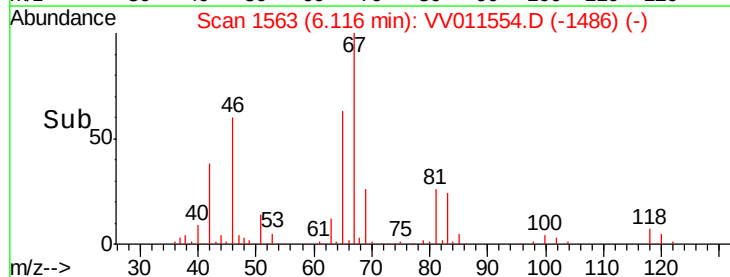
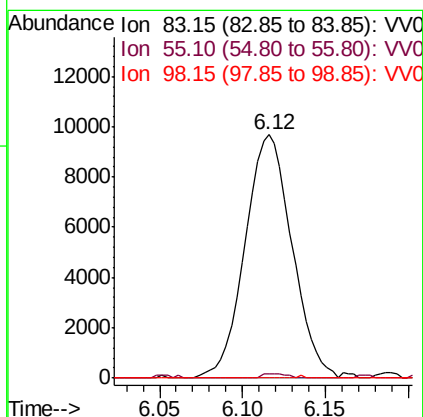
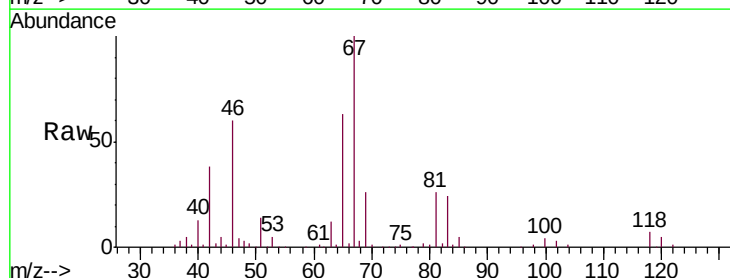
Instrument :
MSVOA_V
ClientSampled :
VHBLK01

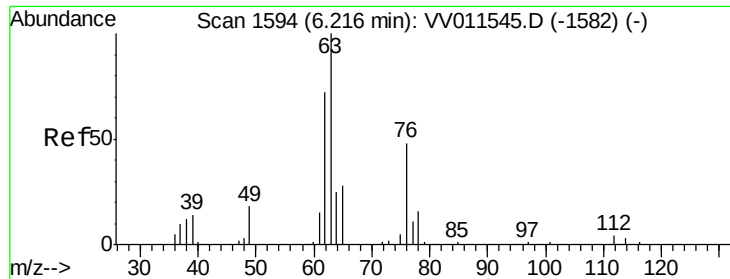
Tgt Ion: 84 Resp: 1722
Ion Ratio Lower Upper
84 100
86 78.7 42.5 78.9
49 174.8 97.7 181.5



#35
Methylcyclohexane
Concen: 0.996 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011554.D
Acq: 17 Jun 2019 16:47

Tgt Ion: 83 Resp: 19048
Ion Ratio Lower Upper
83 100
55 1.0 67.9 101.9#
98 0.1 39.6 59.4#

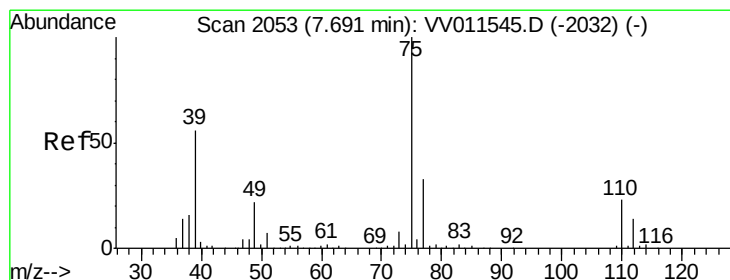
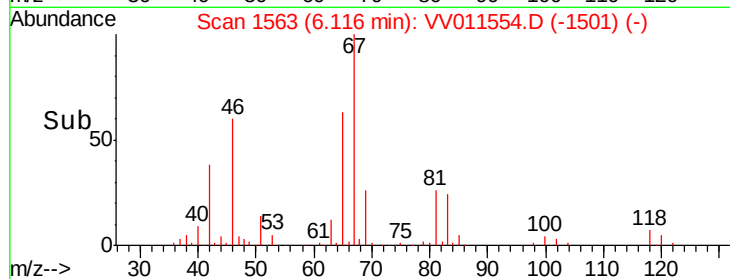
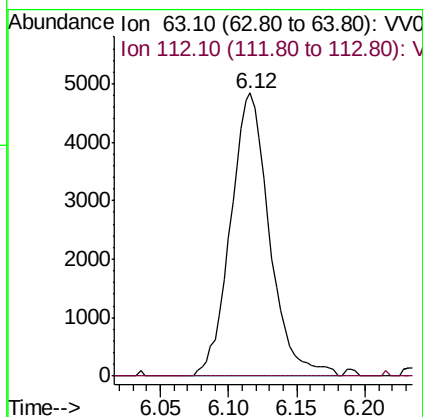
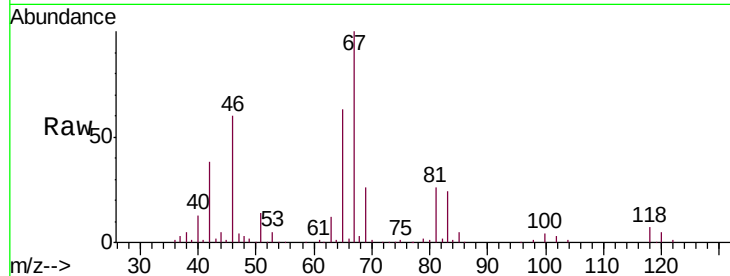




#37
 1,2-Dichloropropane
 Concen: 0.686 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011554.D
 Acq: 17 Jun 2019 16:47

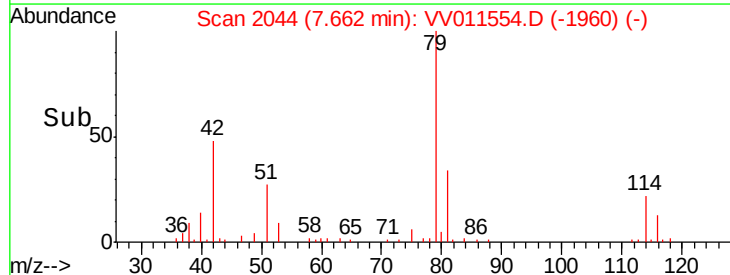
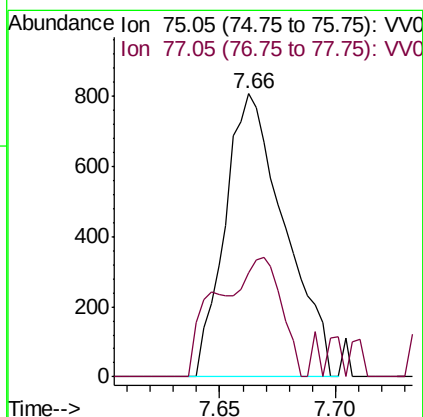
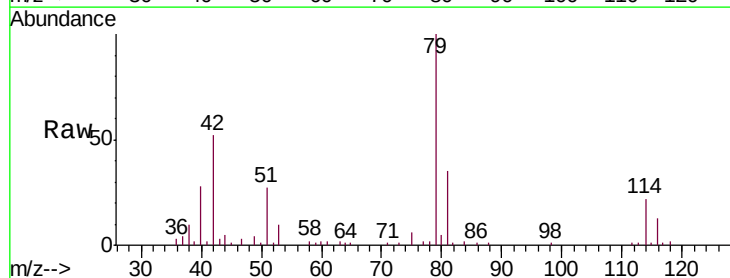
Instrument :
 MSVOA_V
 ClientSampled :
 VHBLK01

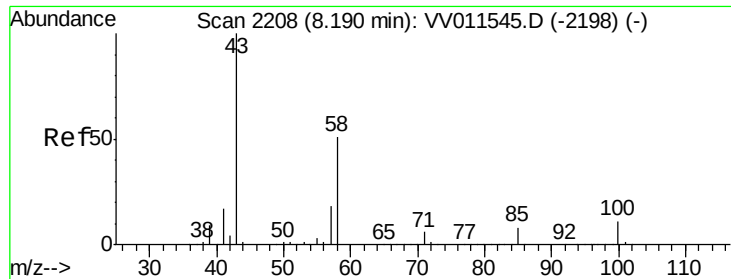
Tgt Ion: 63 Resp: 9598
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.7 5.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV011554.D
 Acq: 17 Jun 2019 16:47

Tgt Ion: 75 Resp: 1438
 Ion Ratio Lower Upper
 75 100
 77 36.8 22.8 42.4





#48

2-Hexanone

Concen: 2.850 ug/L

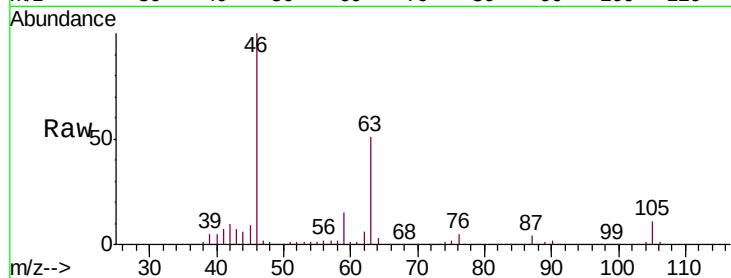
RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV011554.D

Acq: 17 Jun 2019 16:47

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01



Tgt Ion:	43	Resp:	19994
Ion	Ratio	Lower	Upper
43	100		
58	26.8	40.6	60.8#
57	28.4	14.2	21.4#
100	0.8	8.6	12.8#

