

Data File : VV011552.D
Acq On : 17 Jun 2019 15:50
Operator : SY/MD
Sample : K3383-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jun 18 08:45:52 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	192728	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	173717	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68270	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	64643	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.58	69	49269	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.12	63	104107	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	3.96	46	191128	46.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.36%
24) Chloroform-d	4.40	84	131632	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.08	65	76742	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.09	84	260460	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	80178	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	223231	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.66	79	25262	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.14	63	147532	46.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53460	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	70299	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

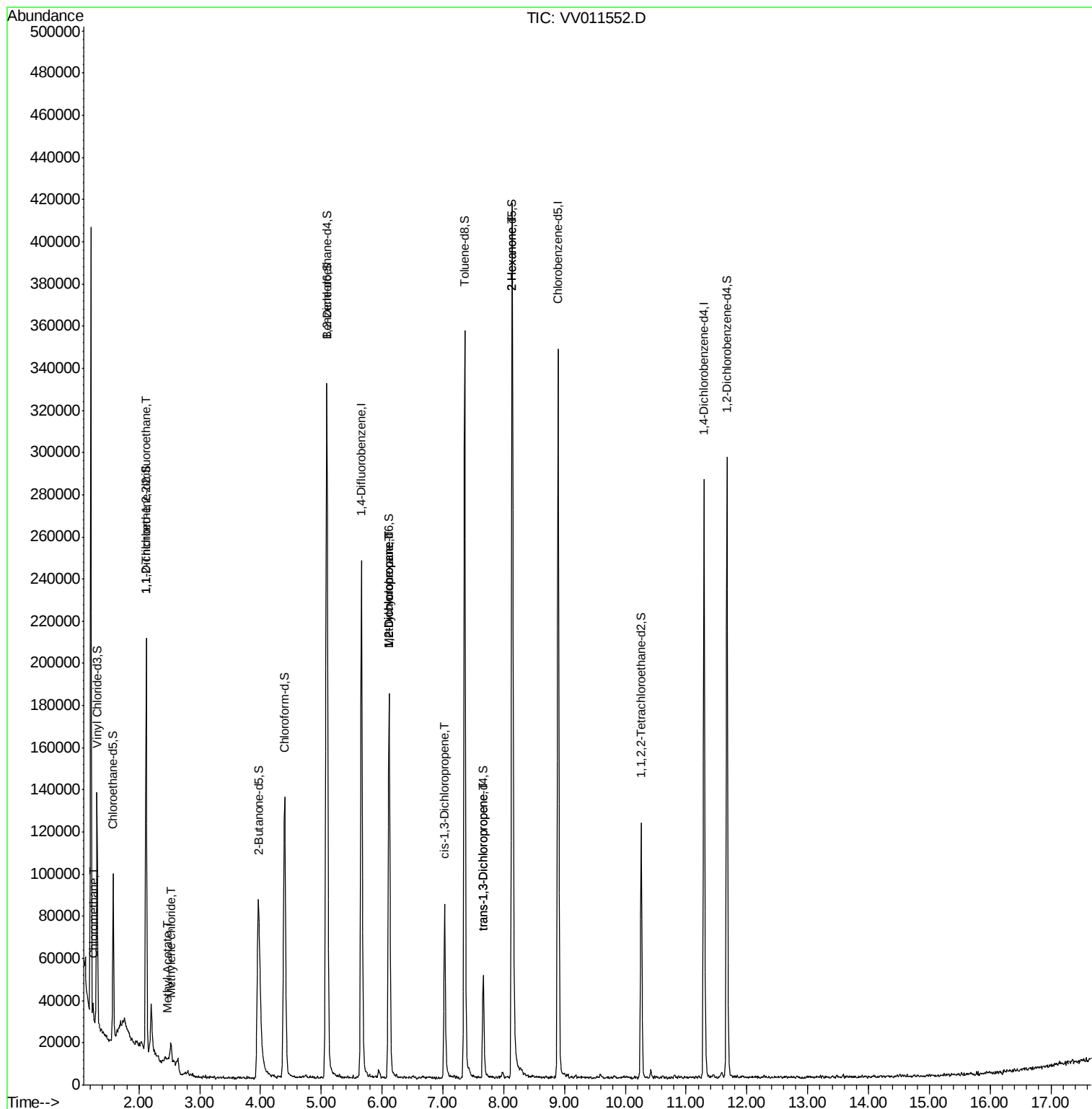
						Qvalue
3) Chloromethane	1.25	50	4170	0.224	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1005	0.087	ug/L #	27
15) Methyl Acetate	2.47	43	1311	0.179	ug/L	97
16) Methylene chloride	2.53	84	2668	0.196	ug/L	96
35) Methylcyclohexane	6.11	83	19516	0.946	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	10132	0.671	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2154	0.113	ug/L #	76
44) trans-1,3-Dichloropropene	7.67	75	1345	0.092	ug/L	88
48) 2-Hexanone	8.14	43	20303	2.682	ug/L #	72

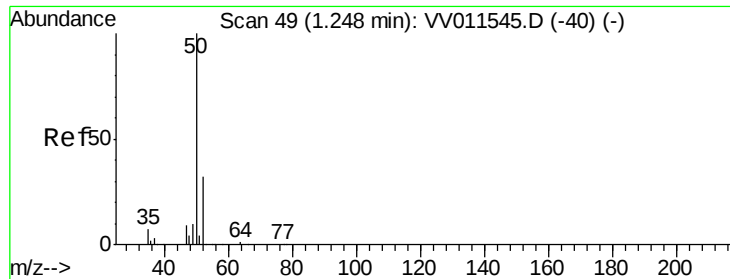
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011552.D
Acq On : 17 Jun 2019 15:50
Operator : SY/MD
Sample : K3383-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jun 18 08:45:52 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





#3

Chloromethane

Concen: 0.224 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011552.D

Acq: 17 Jun 2019 15:50

Instrument :

MSVOA_V

ClientSampleId :

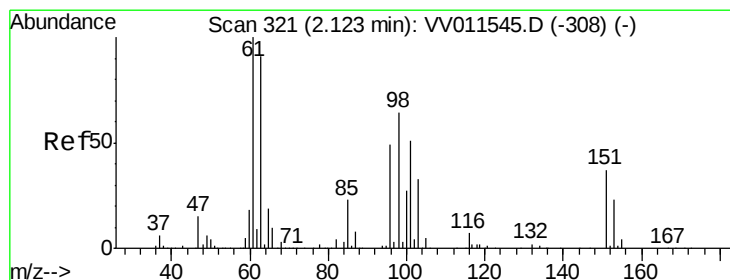
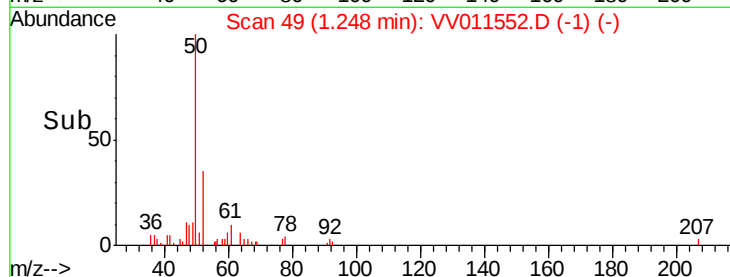
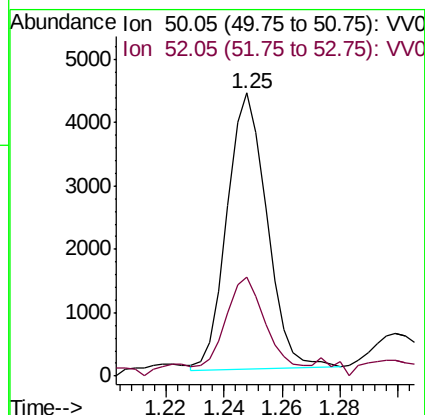
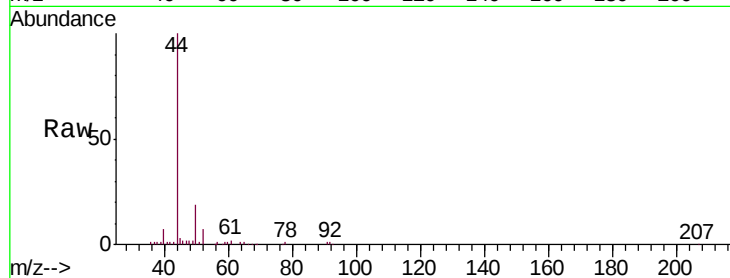
VHBLK01

Tgt Ion: 50 Resp: 4170

Ion Ratio Lower Upper

50 100

52 35.0 22.7 42.1



#10

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

Concen: 0.087 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV011552.D

Acq: 17 Jun 2019 15:50

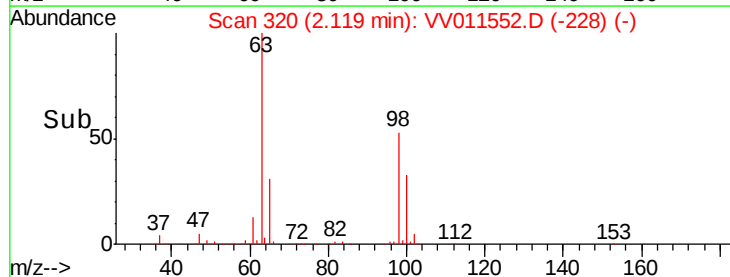
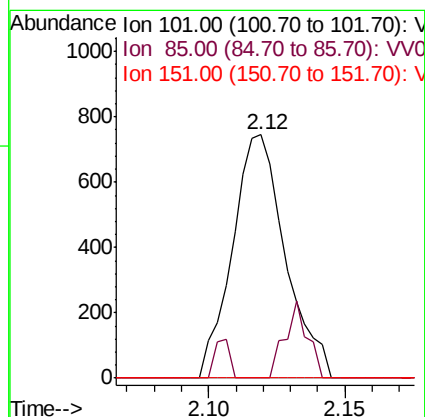
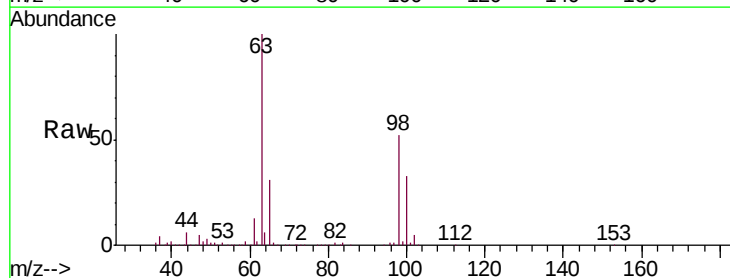
Tgt Ion: 101 Resp: 1005

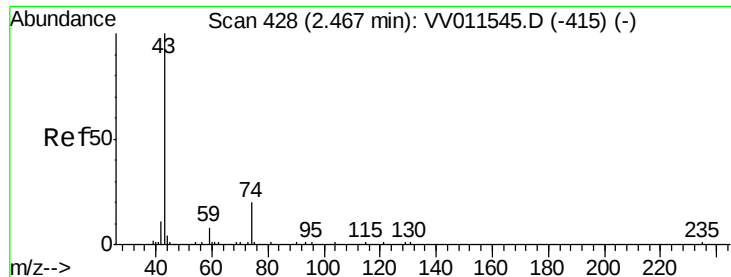
Ion Ratio Lower Upper

101 100

85 13.6 37.3 55.9#

151 0.0 59.4 89.2#





#15

Methyl Acetate

Concen: 0.179 ug/L

RT: 2.47 min Scan# 429

Delta R.T. 0.00 min

Lab File: VV011552.D

Acq: 17 Jun 2019 15:50

Instrument :

MSVOA_V

ClientSampleId :

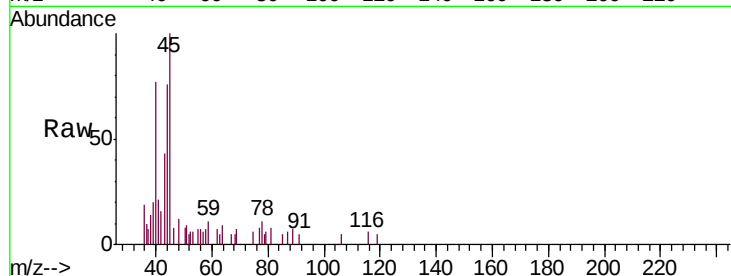
VHBLK01

Tgt Ion: 43 Resp: 1311

Ion Ratio Lower Upper

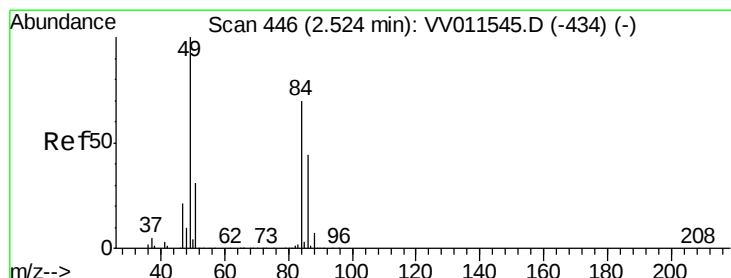
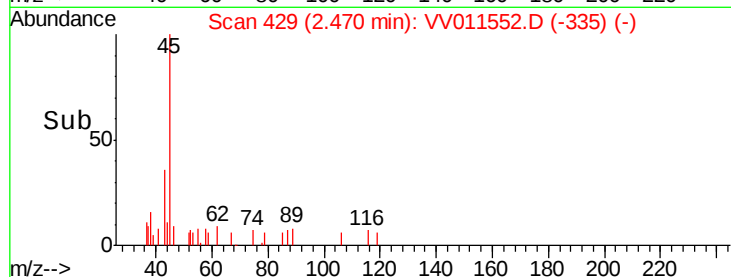
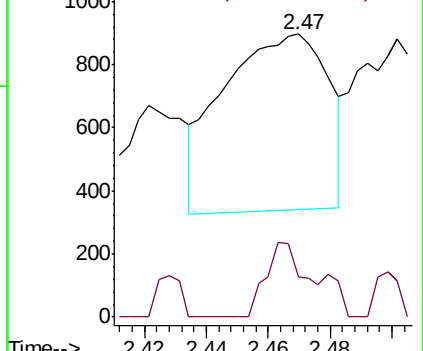
43 100

74 19.2 16.5 24.7



Abundance Ion 43.05 (42.75 to 43.75): VV011545.D (-415) (-)

Ion 74.05 (73.75 to 74.75): VV011545.D (-415) (-)



#16

Methylene chloride

Concen: 0.196 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV011552.D

Acq: 17 Jun 2019 15:50

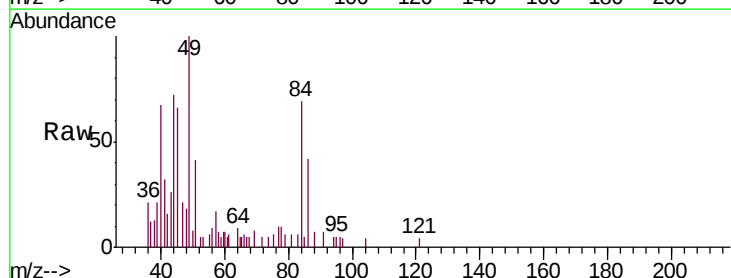
Tgt Ion: 84 Resp: 2668

Ion Ratio Lower Upper

84 100

86 61.2 42.5 78.9

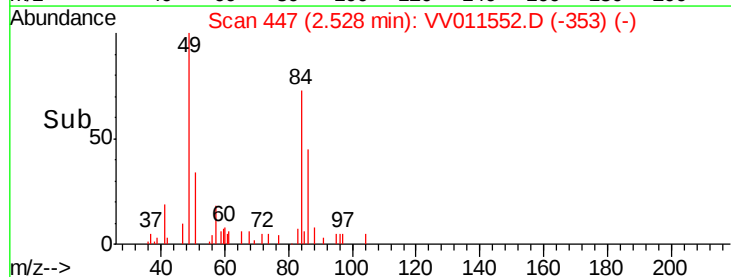
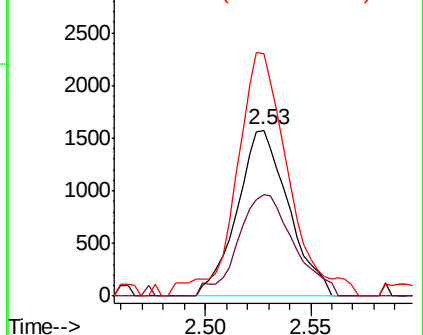
49 145.7 97.7 181.5

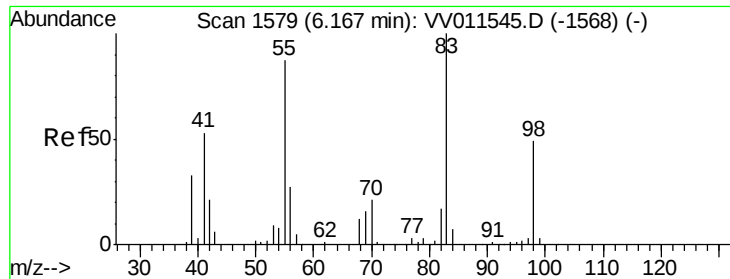


Abundance Ion 84.05 (83.75 to 84.75): VV011545.D (-434) (-)

Ion 86.00 (85.70 to 86.70): VV011545.D (-434) (-)

Ion 49.10 (48.80 to 49.80): VV011545.D (-434) (-)

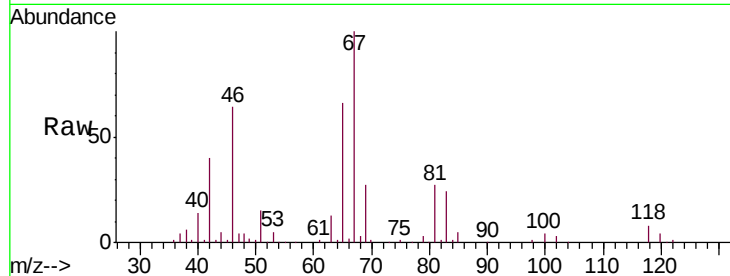




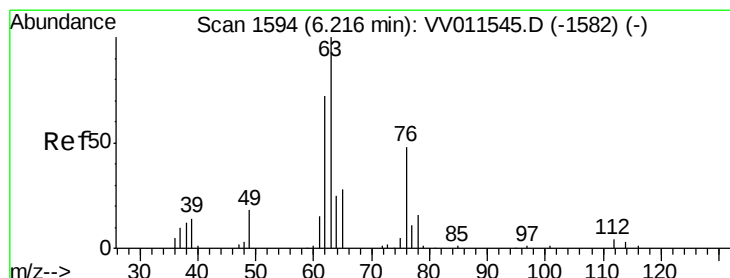
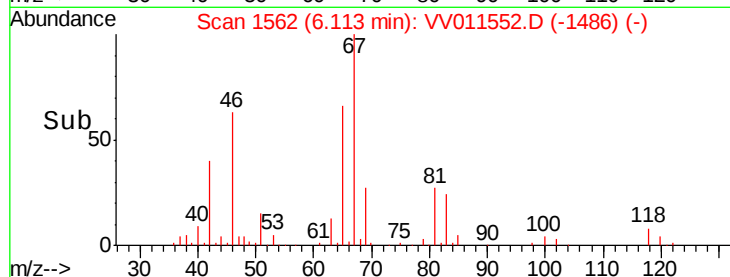
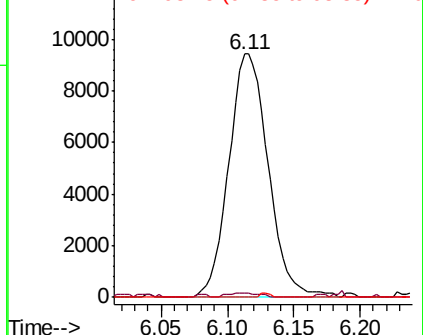
#35
Methylcyclohexane
Concen: 0.946 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.05 min
Lab File: VV011552.D
Acq: 17 Jun 2019 15:50

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 19516
Ion Ratio Lower Upper
83 100
55 1.4 67.9 101.9#
98 0.5 39.6 59.4#

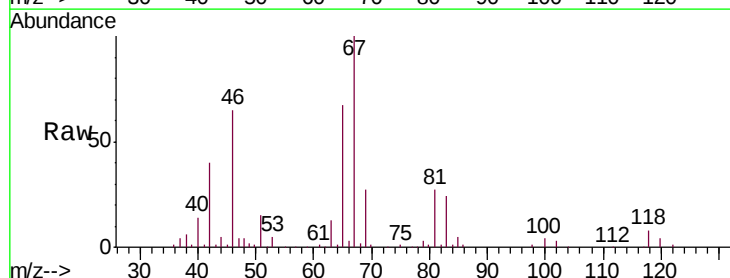


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

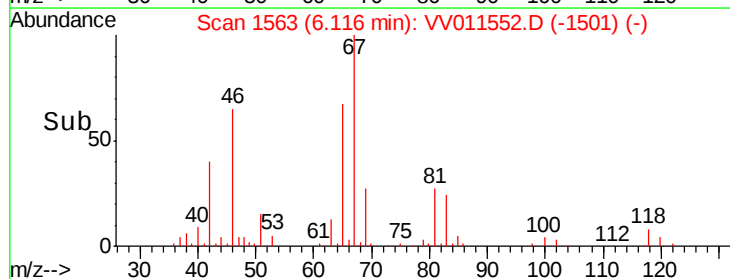
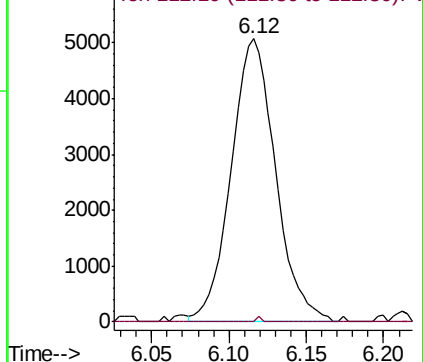


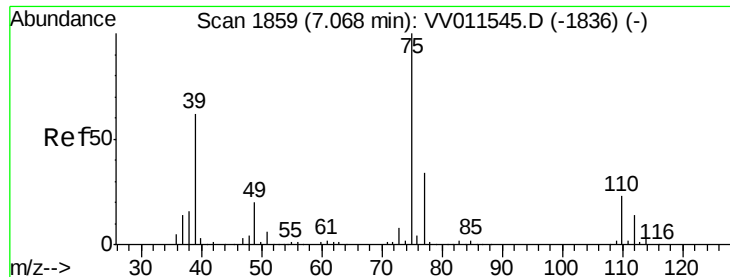
#37
1,2-Dichloropropane
Concen: 0.671 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011552.D
Acq: 17 Jun 2019 15:50

Tgt Ion: 63 Resp: 10132
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV011552.D

Acq: 17 Jun 2019 15:50

Instrument :

MSVOA_V

ClientSampleId :

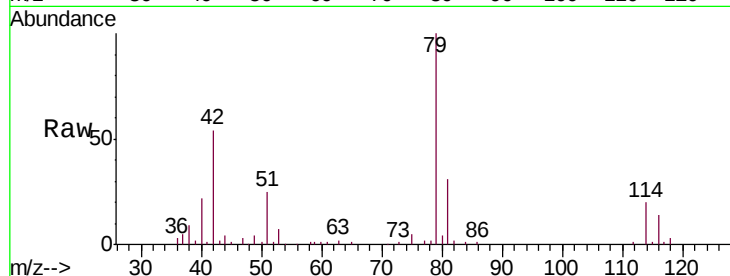
VHBLK01

Tgt Ion: 75 Resp: 2154

Ion Ratio Lower Upper

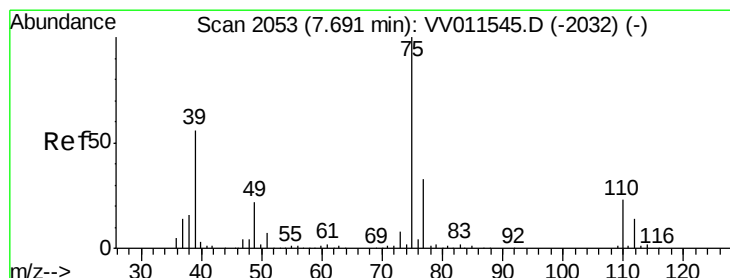
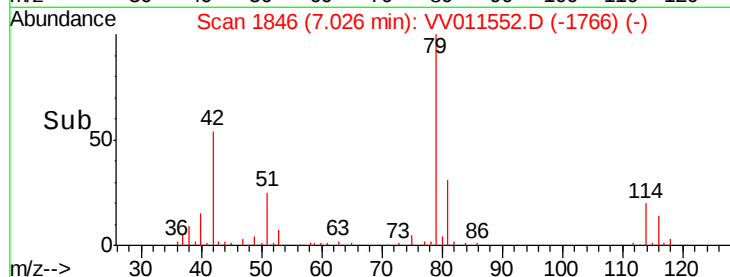
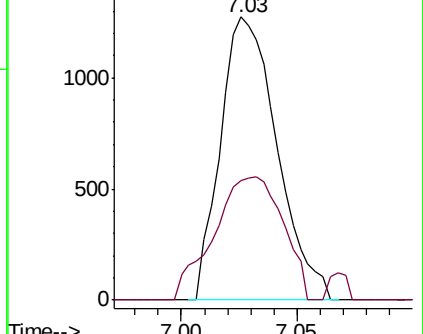
75 100

77 42.4 20.6 38.4#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV011552.D

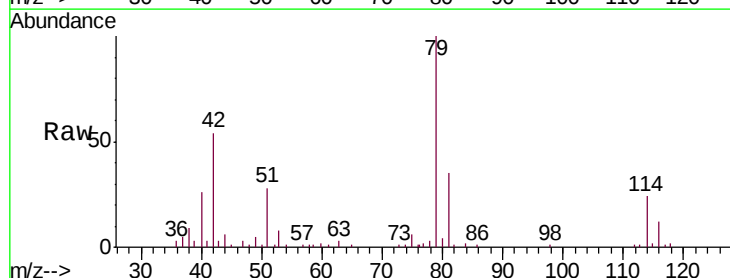
Acq: 17 Jun 2019 15:50

Tgt Ion: 75 Resp: 1345

Ion Ratio Lower Upper

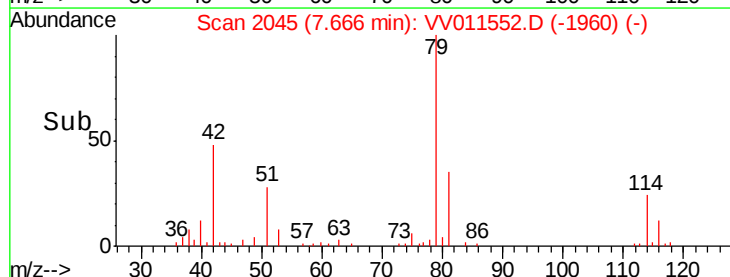
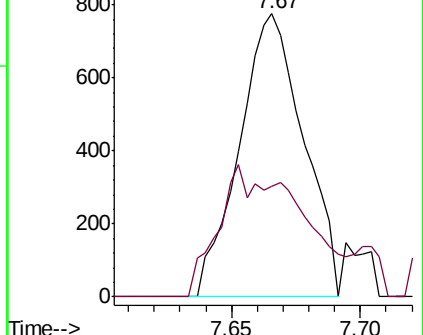
75 100

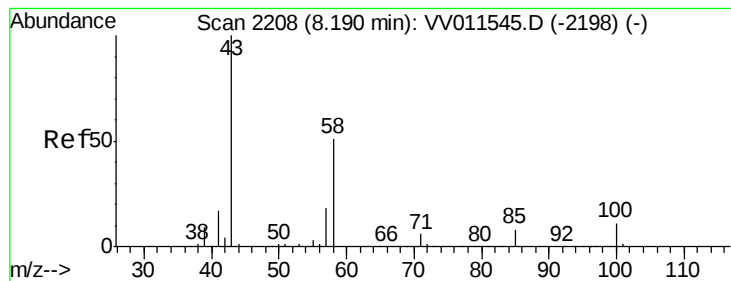
77 39.2 22.8 42.4



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48
 2-Hexanone
 Concen: 2.682 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV011552.D
 Acq: 17 Jun 2019 15:50

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion:	43	Resp:	20303
Ion	Ratio	Lower	Upper
43	100		
58	27.7	40.6	60.8#
57	25.0	14.2	21.4#
100	2.1	8.6	12.8#

