

Data File : VV011367.D
Acq On : 11 Jun 2019 01:17
Operator : SY/MD
Sample : K3276-25
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Quant Time: Jun 11 04:07:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 11 04:02:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	148549	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	134193	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	51482	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	43959	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.57	69	40240	4.30	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.12	63	78882	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.95	46	128505	50.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.42%
24) Chloroform-d	4.40	84	96735	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.08	65	54644	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.09	84	192990	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.11	67	60768	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.36	98	170095	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.66	79	16018	3.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.00%
46) 2-Hexanone-d5	8.14	63	93985	47.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38058	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	52151	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

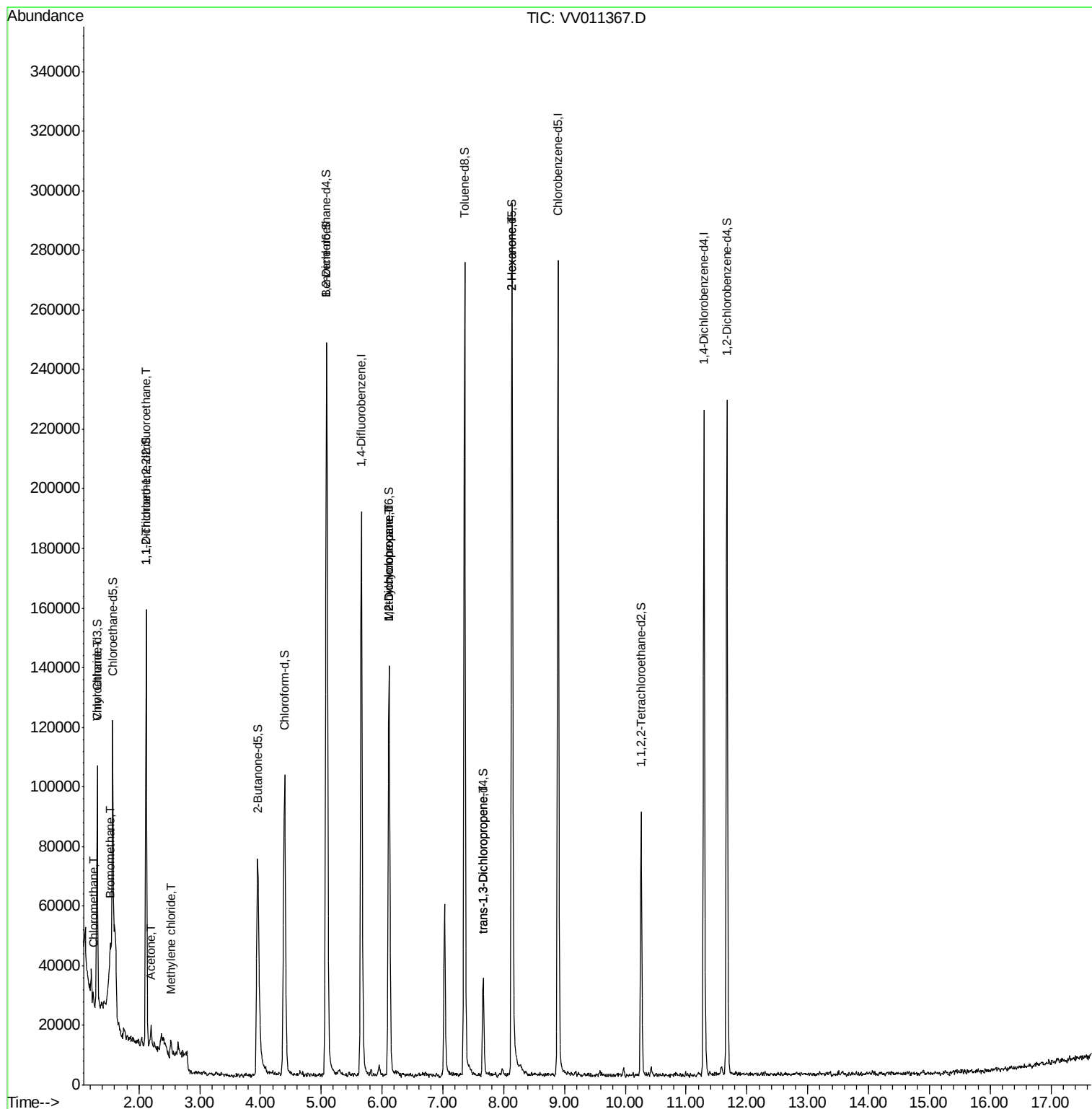
					Qvalue
3) Chloromethane	1.25	50	3906	0.276 ug/L	88
6) Bromomethane	1.53	94	3302	0.464 ug/L	87
8) Chloroethane	1.32	64	8979	1.028 ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	774	0.080 ug/L #	22
13) Acetone	2.21	43	4325	2.545 ug/L	75
16) Methylene chloride	2.53	84	1969	0.204 ug/L	91
35) Methylcyclohexane	6.11	83	14416	0.790 ug/L #	17
37) 1,2-Dichloropropane	6.11	63	7884	0.742 ug/L #	88
44) trans-1,3-Dichloropropene	7.66	75	1104	0.093 ug/L #	60
48) 2-Hexanone	8.14	43	13807	2.925 ug/L #	72

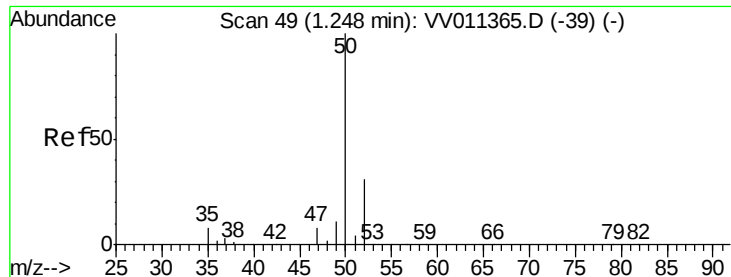
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.276 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011367.D

Acq: 11 Jun 2019 01:17

Instrument :

MSVOA_V

ClientSampleId :

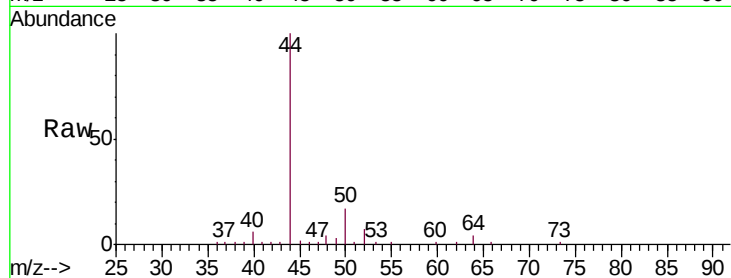
VHBLK02

Tgt Ion: 50 Resp: 3906

Ion Ratio Lower Upper

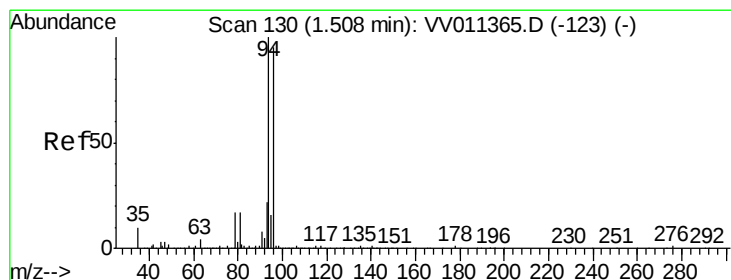
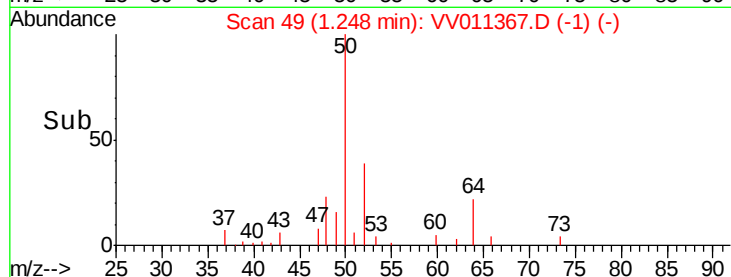
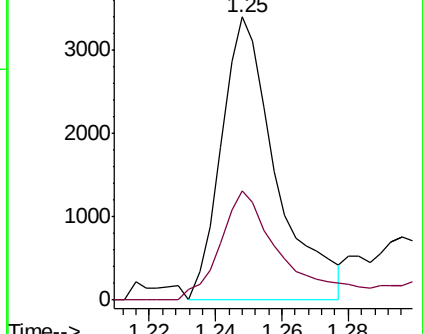
50 100

52 38.5 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.464 ug/L

RT: 1.53 min Scan# 136

Delta R.T. 0.02 min

Lab File: VV011367.D

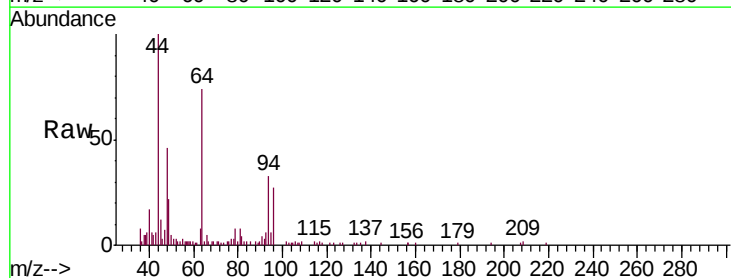
Acq: 11 Jun 2019 01:17

Tgt Ion: 94 Resp: 3302

Ion Ratio Lower Upper

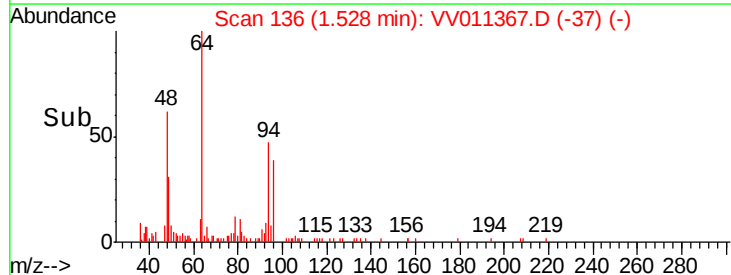
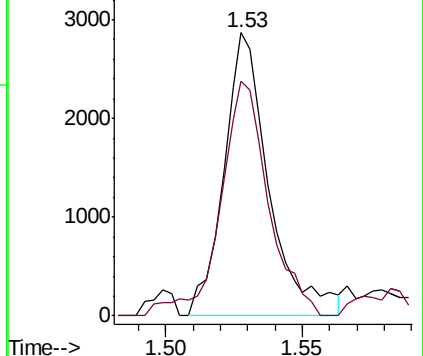
94 100

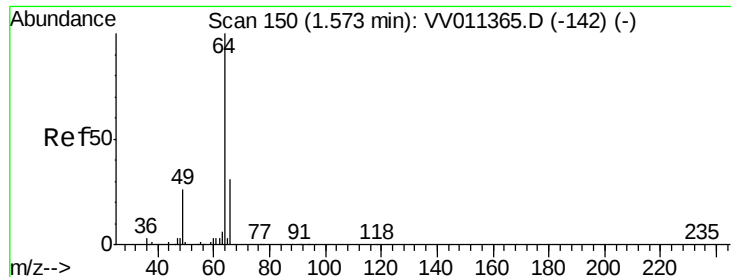
96 82.8 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 1.028 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.26 min

Lab File: VV011367.D

Acq: 11 Jun 2019 01:17

Instrument :

MSVOA_V

ClientSampleId :

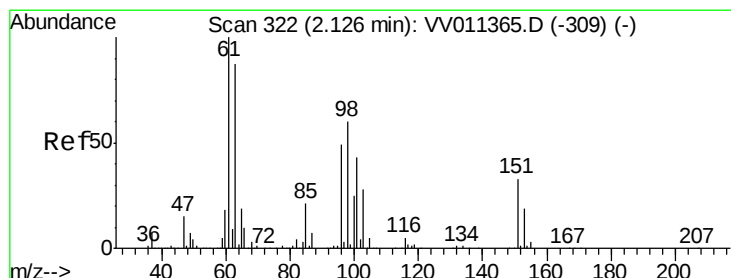
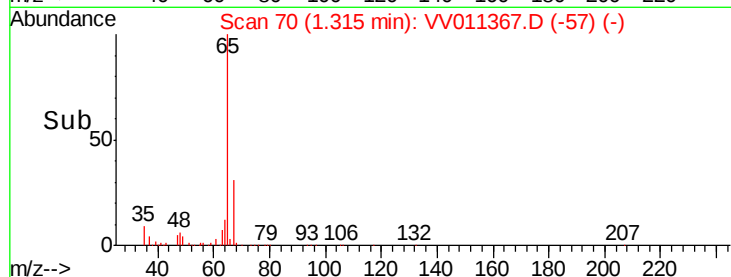
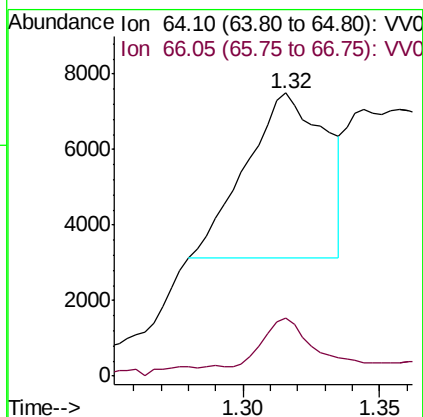
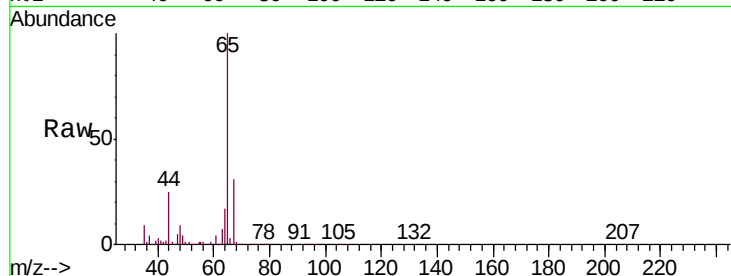
VHBLK02

Tgt Ion: 64 Resp: 8979

Ion Ratio Lower Upper

64 100

66 20.5 19.4 36.0



#10

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

Concen: 0.080 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV011367.D

Acq: 11 Jun 2019 01:17

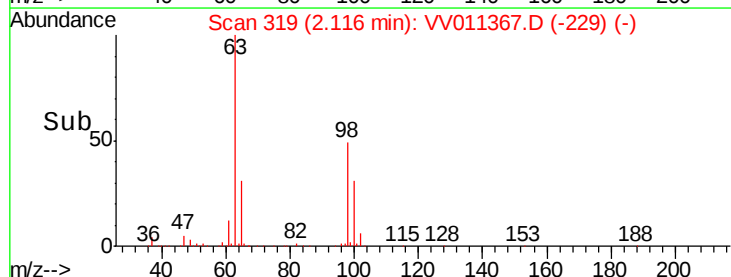
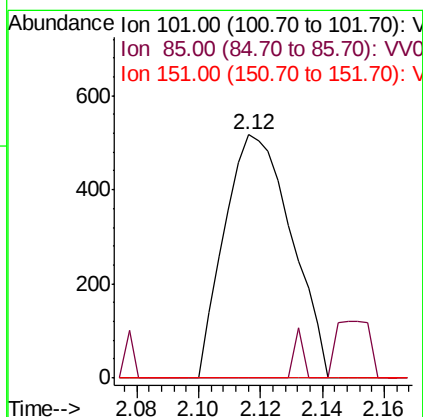
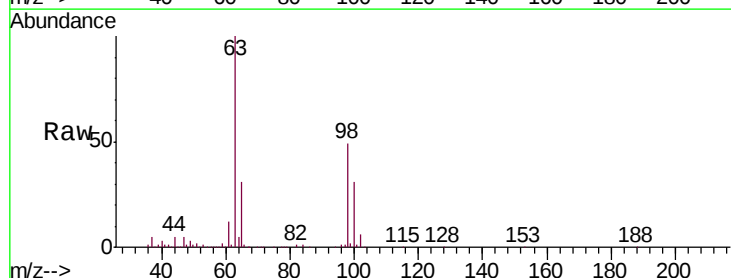
Tgt Ion: 101 Resp: 774

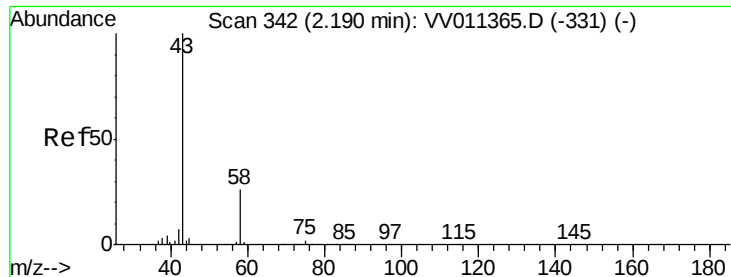
Ion Ratio Lower Upper

101 100

85 2.6 35.5 53.3#

151 0.0 56.9 85.3#





#13

Acetone

Concen: 2.545 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.02 min

Lab File: VV011367.D

Acq: 11 Jun 2019 01:17

Instrument :

MSVOA_V

ClientSampleId :

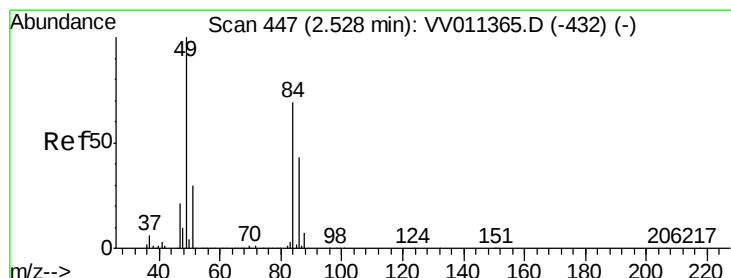
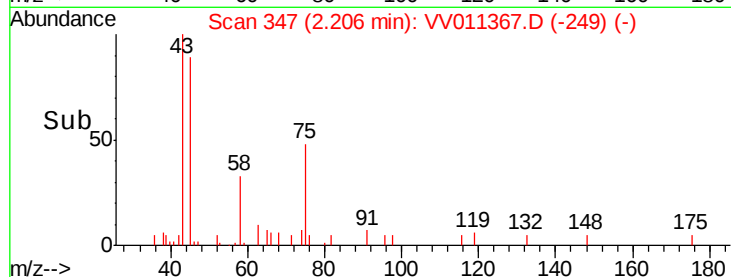
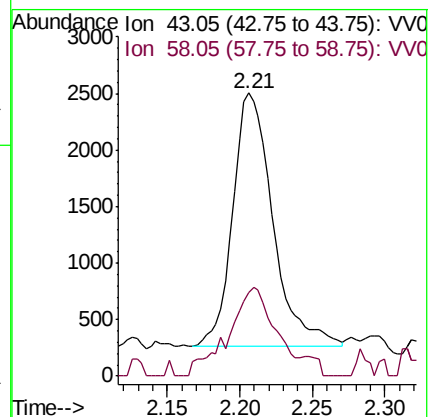
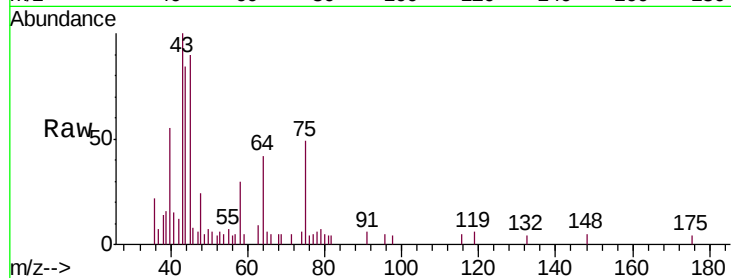
VHBLK02

Tgt Ion: 43 Resp: 4325

Ion Ratio Lower Upper

43 100

58 40.6 0.0 55.2



#16

Methylene chloride

Concen: 0.204 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV011367.D

Acq: 11 Jun 2019 01:17

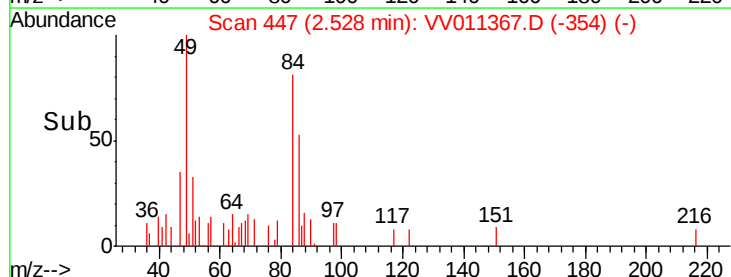
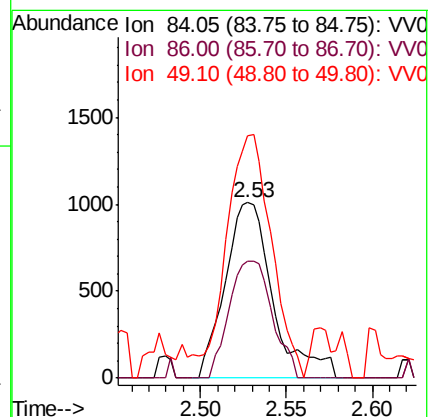
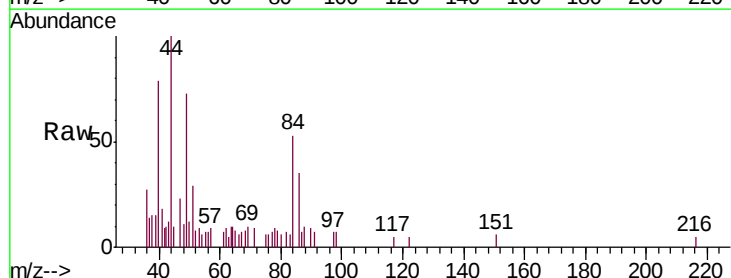
Tgt Ion: 84 Resp: 1969

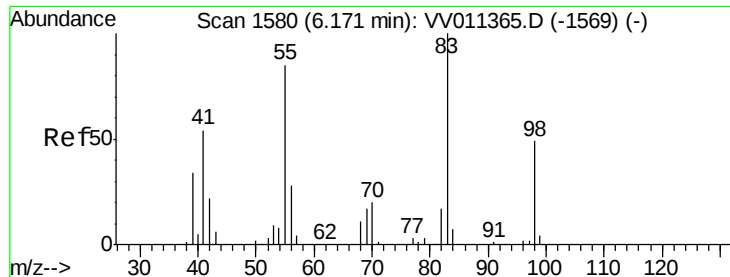
Ion Ratio Lower Upper

84 100

86 66.3 44.9 83.3

49 160.4 102.1 189.5

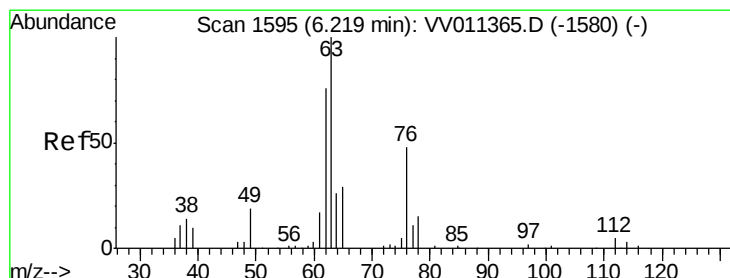
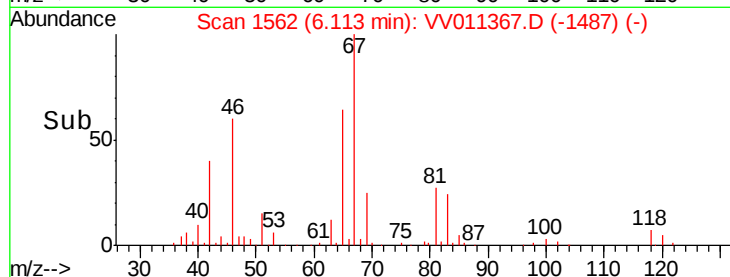
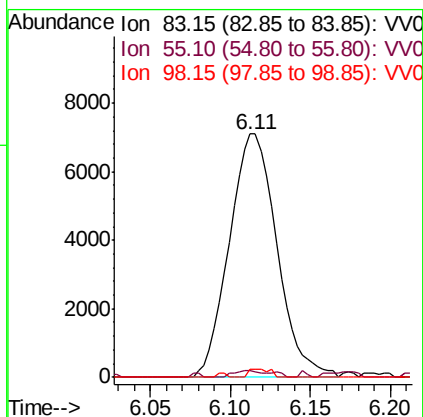
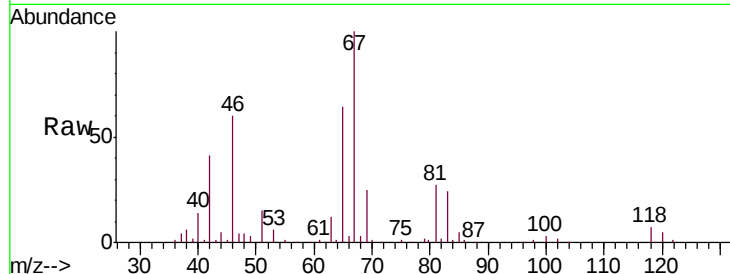




#35
Methylcyclohexane
Concen: 0.790 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011367.D
Acq: 11 Jun 2019 01:17

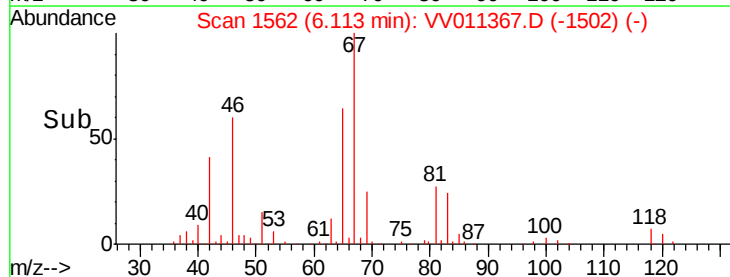
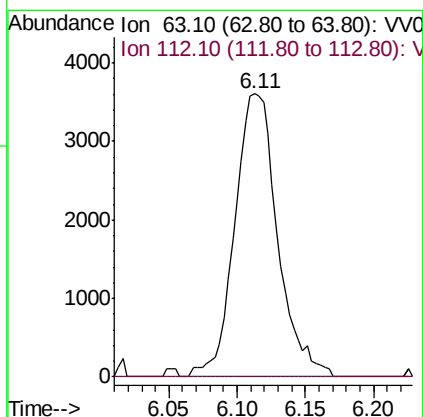
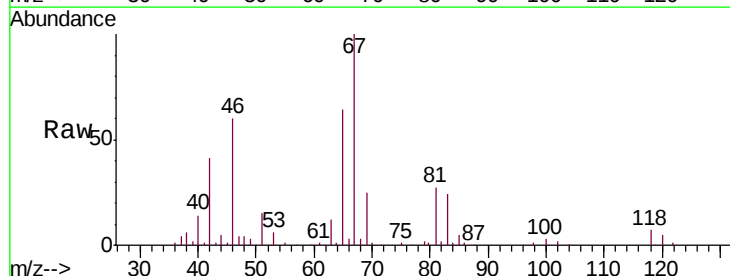
Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

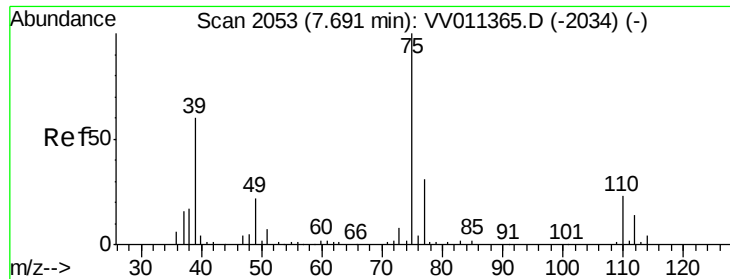
Tgt Ion: 83 Resp: 14416
Ion Ratio Lower Upper
83 100
55 1.7 67.0 100.6#
98 1.5 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.742 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011367.D
Acq: 11 Jun 2019 01:17

Tgt Ion: 63 Resp: 7884
Ion Ratio Lower Upper
63 100
112 0.5 3.6 5.4#





#44

trans-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV011367.D

Acq: 11 Jun 2019 01:17

Instrument :

MSVOA_V

ClientSampleId :

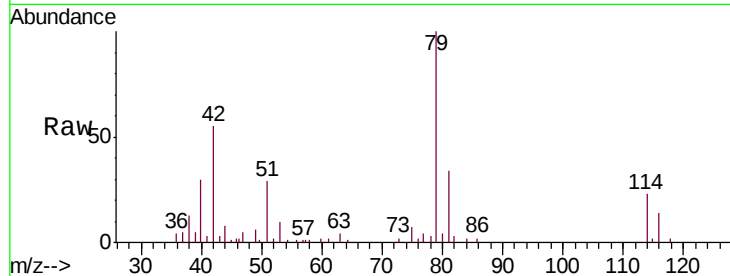
VHBLK02

Tgt Ion: 75 Resp: 1104

Ion Ratio Lower Upper

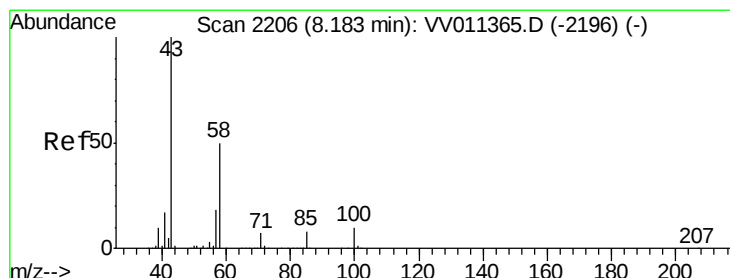
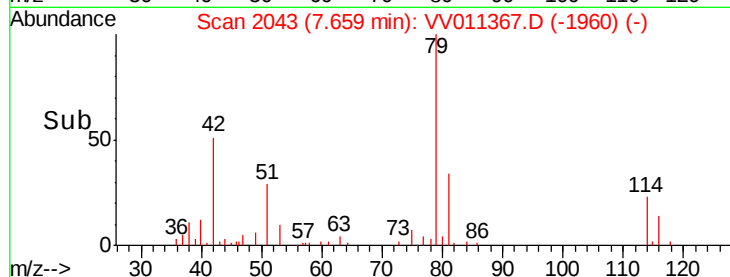
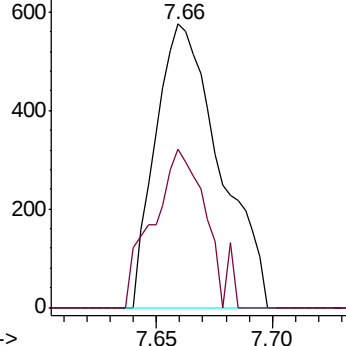
75 100

77 55.7 23.1 42.9#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.925 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV011367.D

Acq: 11 Jun 2019 01:17

Tgt Ion: 43 Resp: 13807

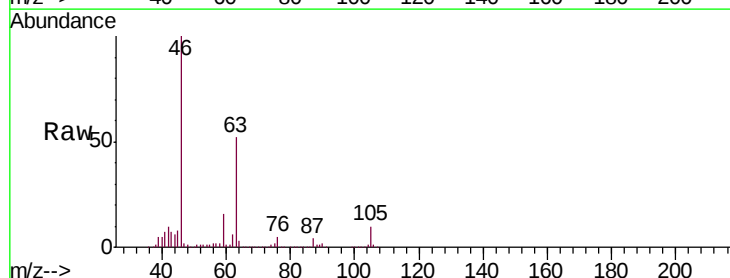
Ion Ratio Lower Upper

43 100

58 28.8 41.4 62.0#

57 24.3 15.0 22.4#

100 0.2 9.0 13.4#



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

