

Data File : VV011464.D
Acq On : 13 Jun 2019 16:54
Operator : SY/MD
Sample : K3291-03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jun 14 04:42:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 04:38:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	132858	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	119529	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44148	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42901	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.58	69	37053	4.43	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.12	63	75019	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.97	46	121710	53.70	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.40%
24) Chloroform-d	4.40	84	88384	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.08	65	52403	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.10	84	176718	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	56440	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.36	98	150544	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.66	79	15146	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.14	63	94555	53.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37802	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	45020	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

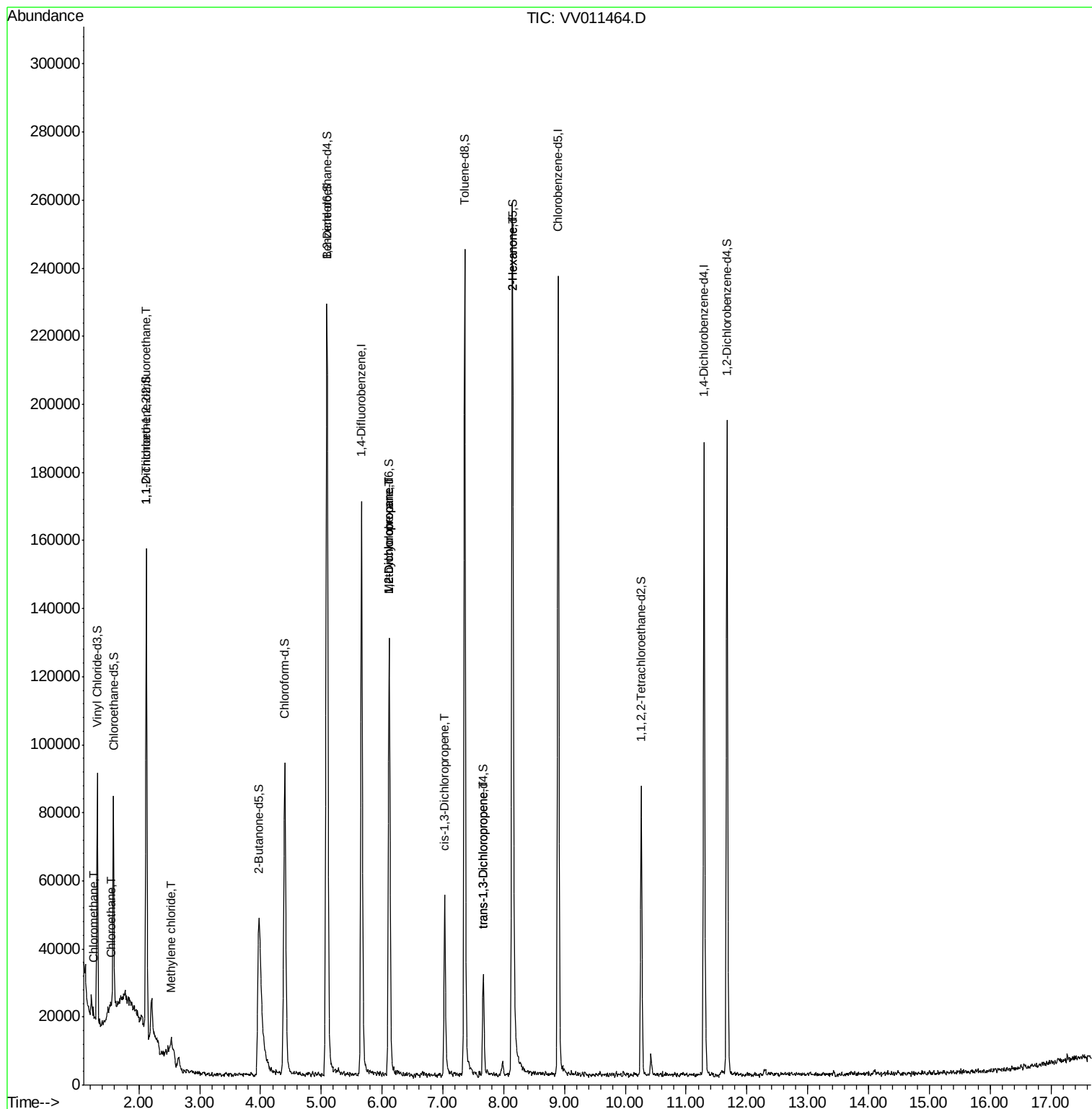
						Qvalue
3) Chloromethane	1.25	50	2368	0.187	ug/L	94
8) Chloroethane	1.53	64	2948	0.377	ug/L #	58
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	868	0.101	ug/L #	25
16) Methylene chloride	2.53	84	1522	0.176	ug/L	83
35) Methylcyclohexane	6.12	83	13151	0.809	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7101	0.750	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1644	0.119	ug/L #	59
44) trans-1,3-Dichloropropene	7.67	75	929	0.088	ug/L	97
48) 2-Hexanone	8.14	43	14577	3.467	ug/L #	73

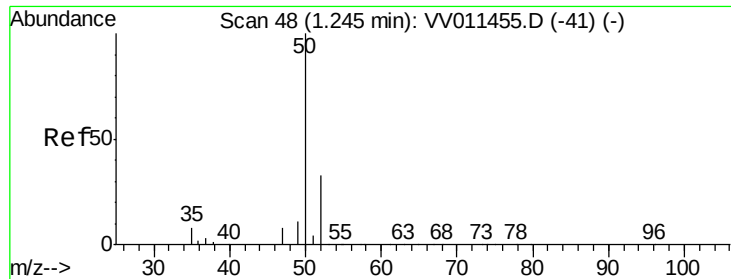
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.187 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

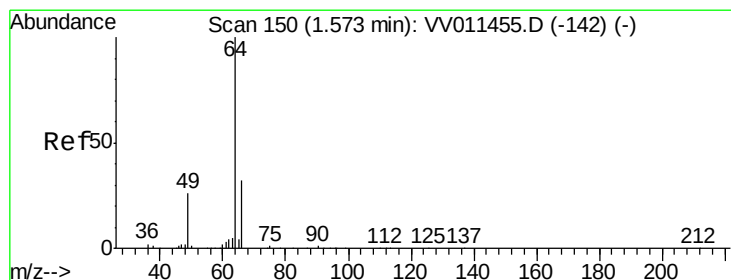
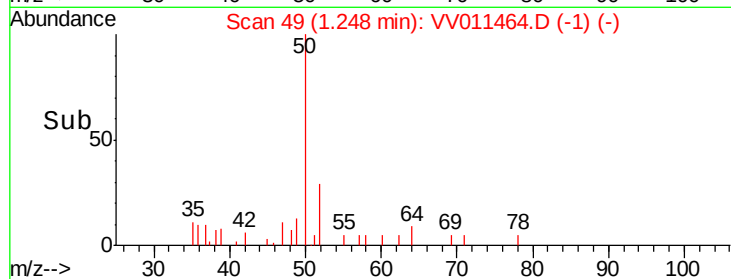
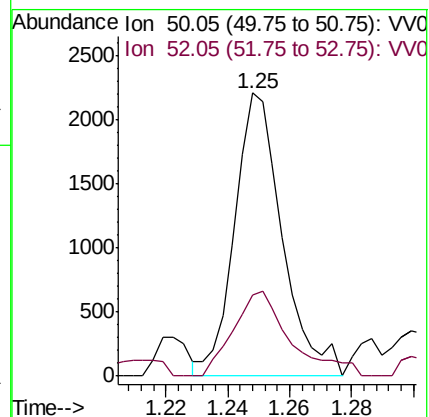
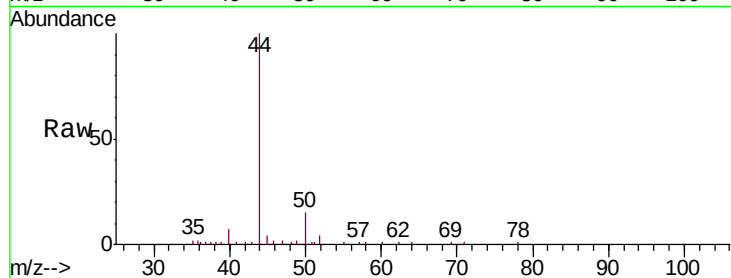
VHBLK01

Tgt Ion: 50 Resp: 2368

Ion Ratio Lower Upper

50 100

52 28.7 22.3 41.5



#8

Chloroethane

Concen: 0.377 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.04 min

Lab File: VV011464.D

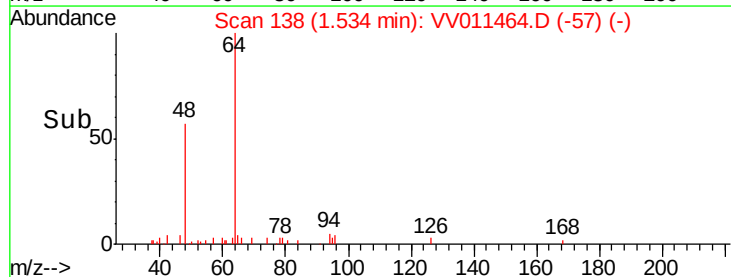
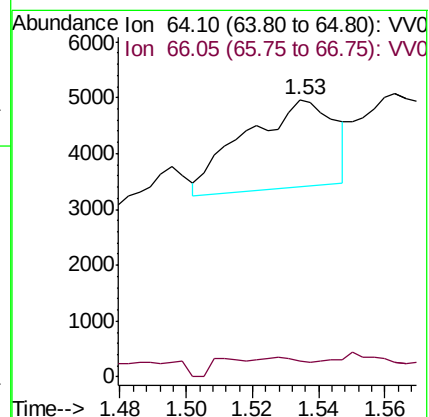
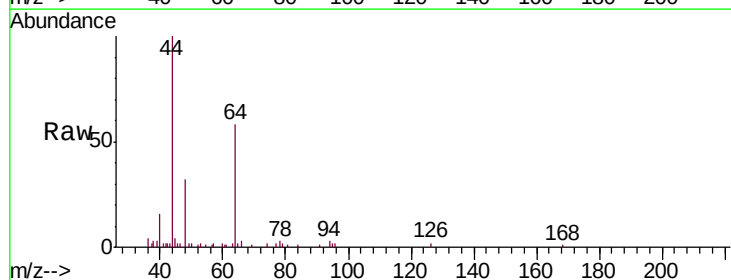
Acq: 13 Jun 2019 16:54

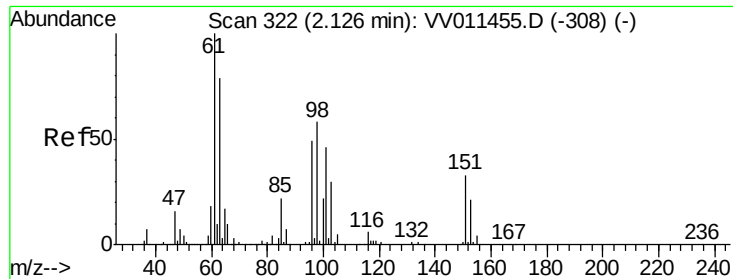
Tgt Ion: 64 Resp: 2948

Ion Ratio Lower Upper

64 100

66 5.7 19.4 36.0#





#10

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

Concen: 0.101 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

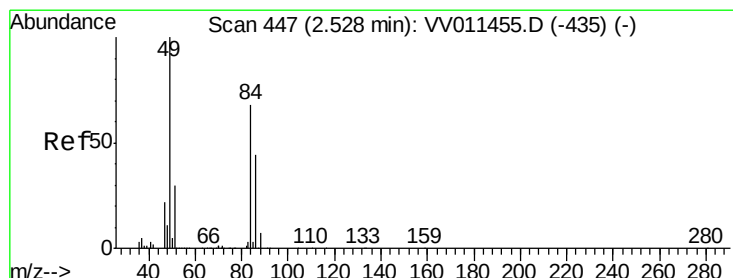
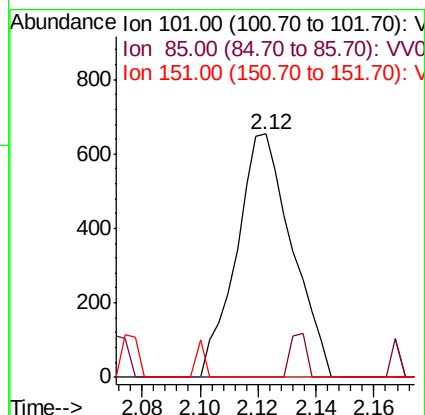
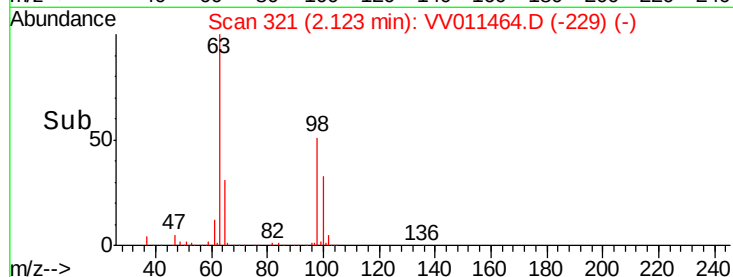
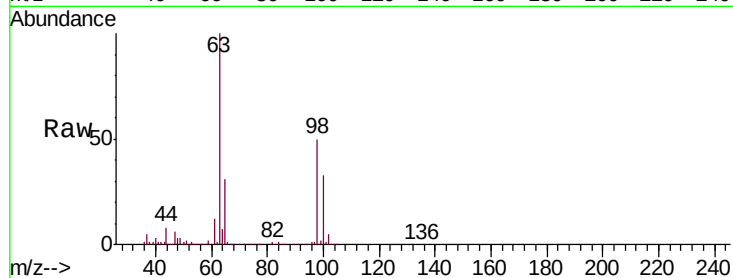
Tgt Ion: 101 Resp: 868

Ion Ratio Lower Upper

101 100

85 5.1 35.5 53.3#

151 2.2 56.9 85.3#



#16

Methylene chloride

Concen: 0.176 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV011464.D

Acq: 13 Jun 2019 16:54

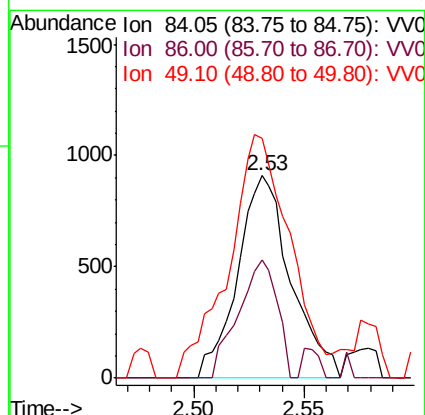
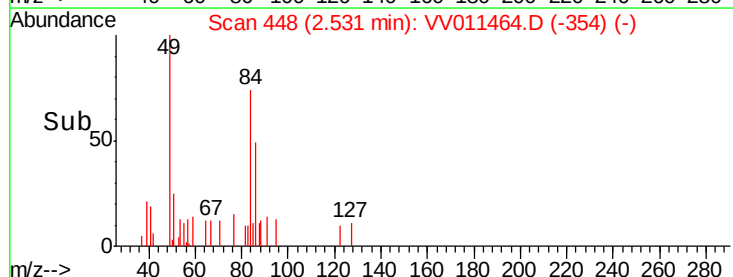
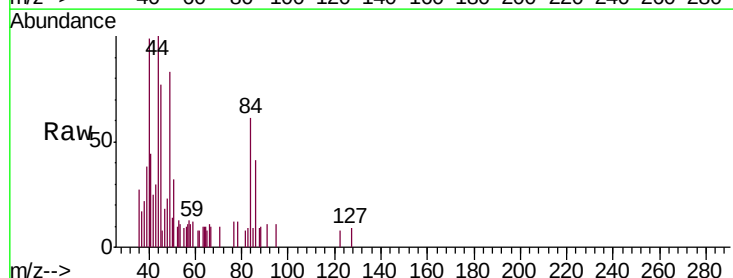
Tgt Ion: 84 Resp: 1522

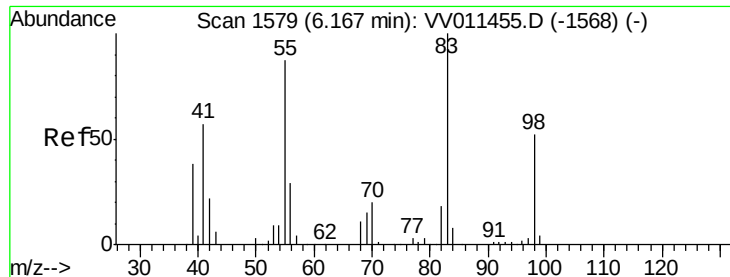
Ion Ratio Lower Upper

84 100

86 58.4 44.9 83.3

49 118.7 102.1 189.5

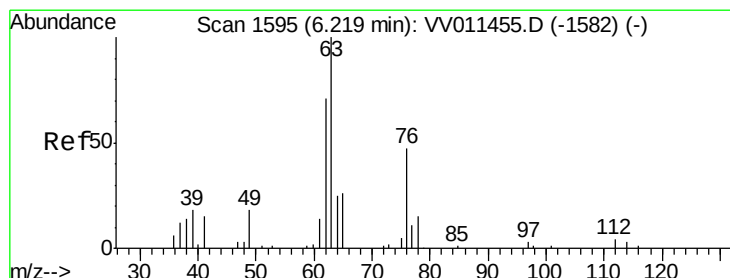
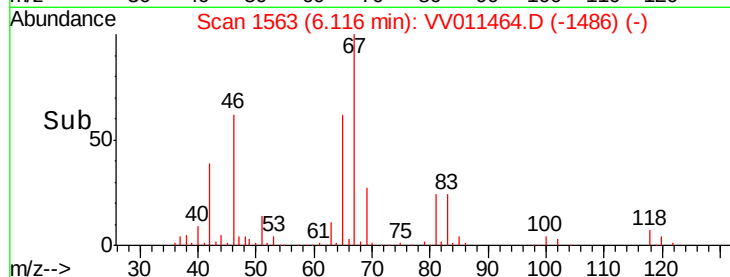
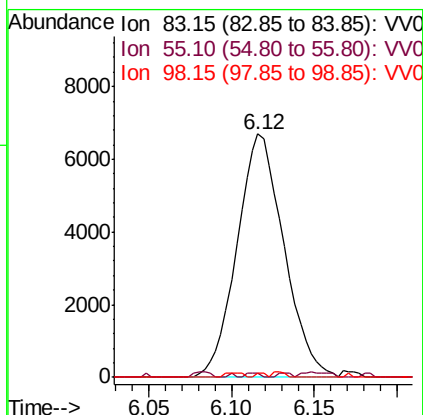
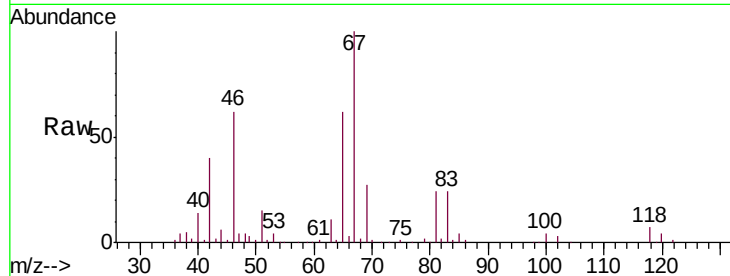




#35
Methylcyclohexane
Concen: 0.809 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011464.D
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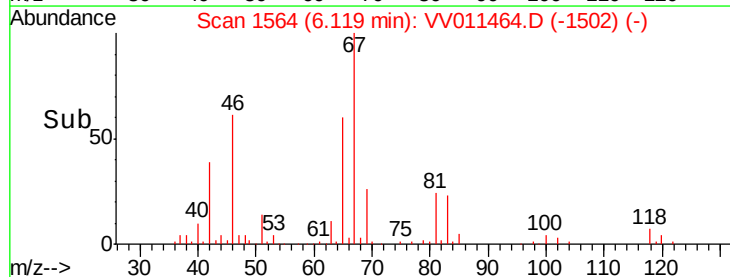
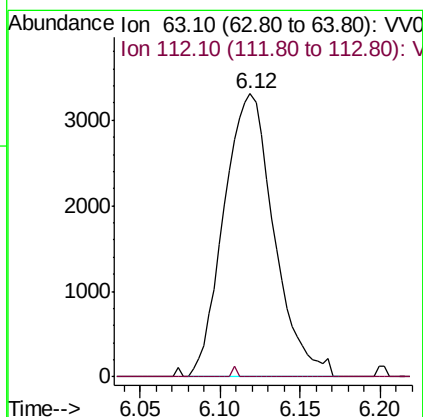
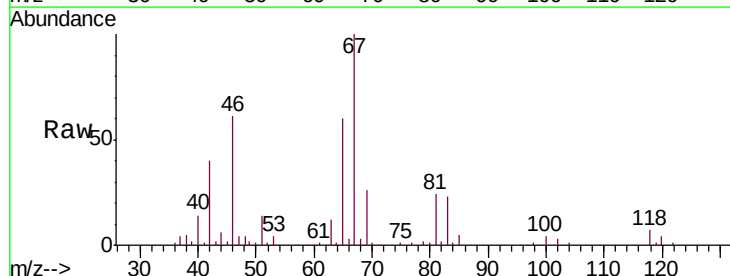
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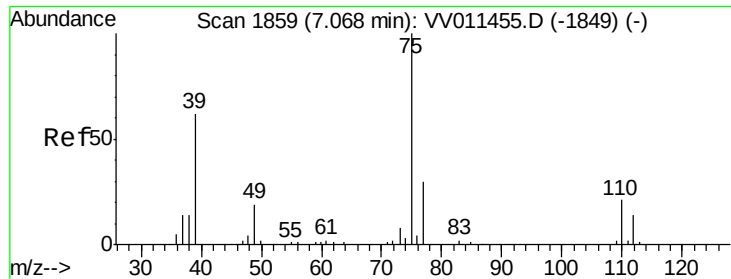
Tgt Ion: 83 Resp: 13151
Ion Ratio Lower Upper
83 100
55 0.5 67.0 100.6#
98 0.4 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.750 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011464.D
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Tgt Ion: 63 Resp: 7101
Ion Ratio Lower Upper
63 100
112 0.3 3.6 5.4#

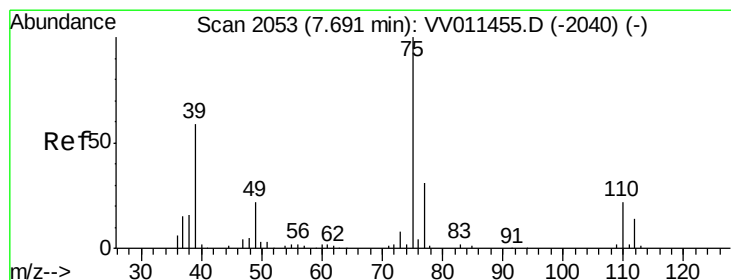
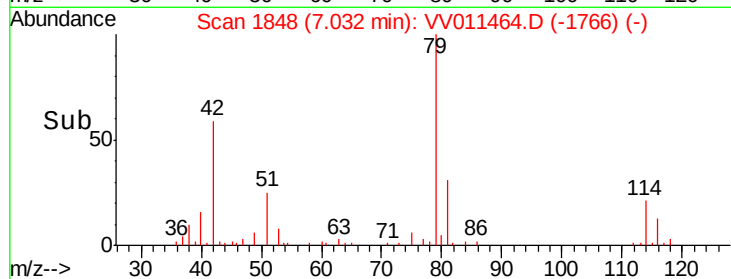
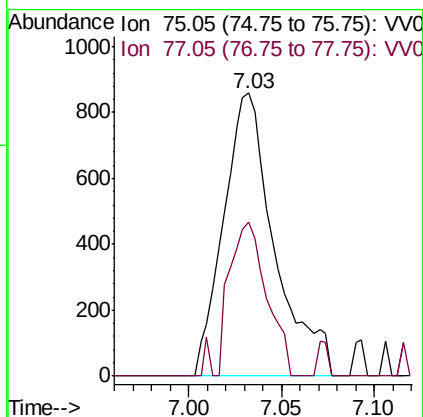
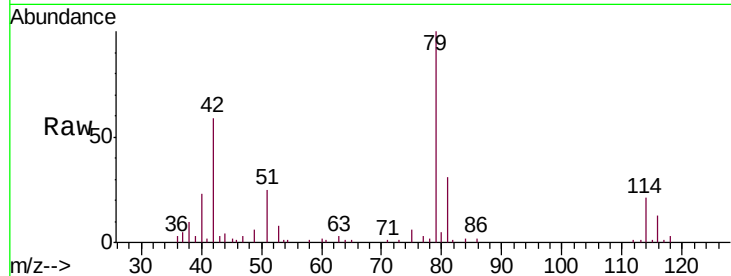




#39
 cis-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV011464.D
 Acq: 13 Jun 2019 16:54

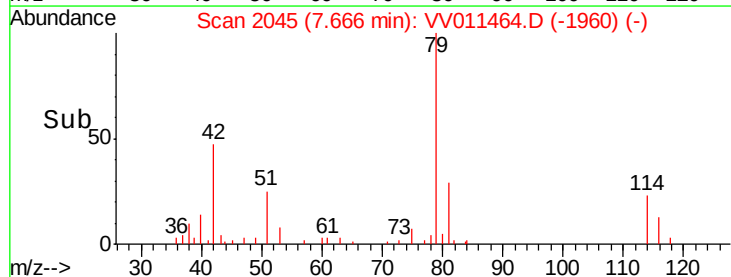
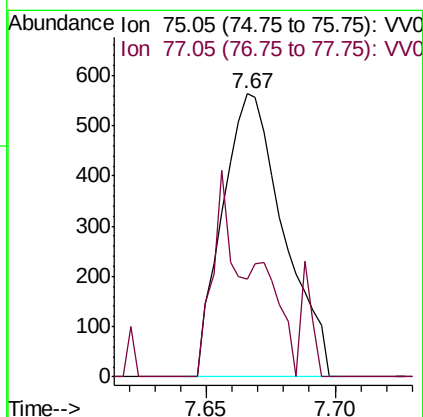
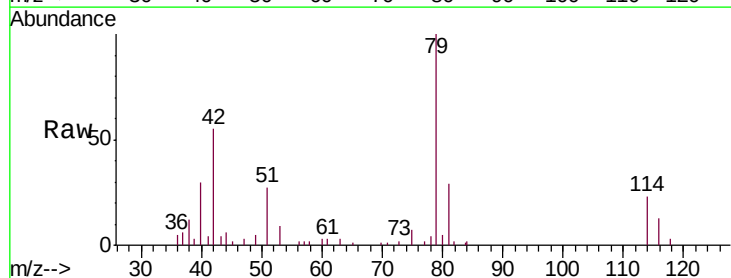
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

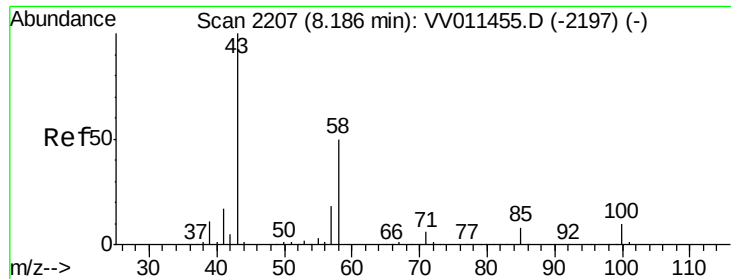
Tgt Ion: 75 Resp: 1644
 Ion Ratio Lower Upper
 75 100
 77 54.2 22.2 41.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV011464.D
 Acq: 13 Jun 2019 16:54

Tgt Ion: 75 Resp: 929
 Ion Ratio Lower Upper
 75 100
 77 34.6 23.1 42.9





#48
 2-Hexanone
 Concen: 3.467 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.04 min
 Lab File: VV011464.D
 Acq: 13 Jun 2019 16:54

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion:	43	Resp:	14577
Ion	Ratio	Lower	Upper
43	100		
58	27.2	41.4	62.0#
57	21.3	15.0	22.4
100	1.6	9.0	13.4#

