

Data File : VV011285.D
Acq On : 07 Jun 2019 13:12
Operator : SY/MD
Sample : VV0606WBL03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK49

Quant Time: Jun 08 00:43:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 00:40:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142183	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	127689	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	53404	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41694	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.55	69	35085	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.12	63	64570	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	3.94	46	99291	40.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.88%
24) Chloroform-d	4.39	84	75863	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	5.08	65	42082	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
32) Benzene-d6	5.09	84	153857	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
36) 1,2-Dichloropropane-d6	6.11	67	47358	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.40%
41) Toluene-d8	7.36	98	141003	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.66	79	14974	3.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.80%
46) 2-Hexanone-d5	8.13	63	79839	42.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	32298	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	44934	4.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.20%

Target Compounds

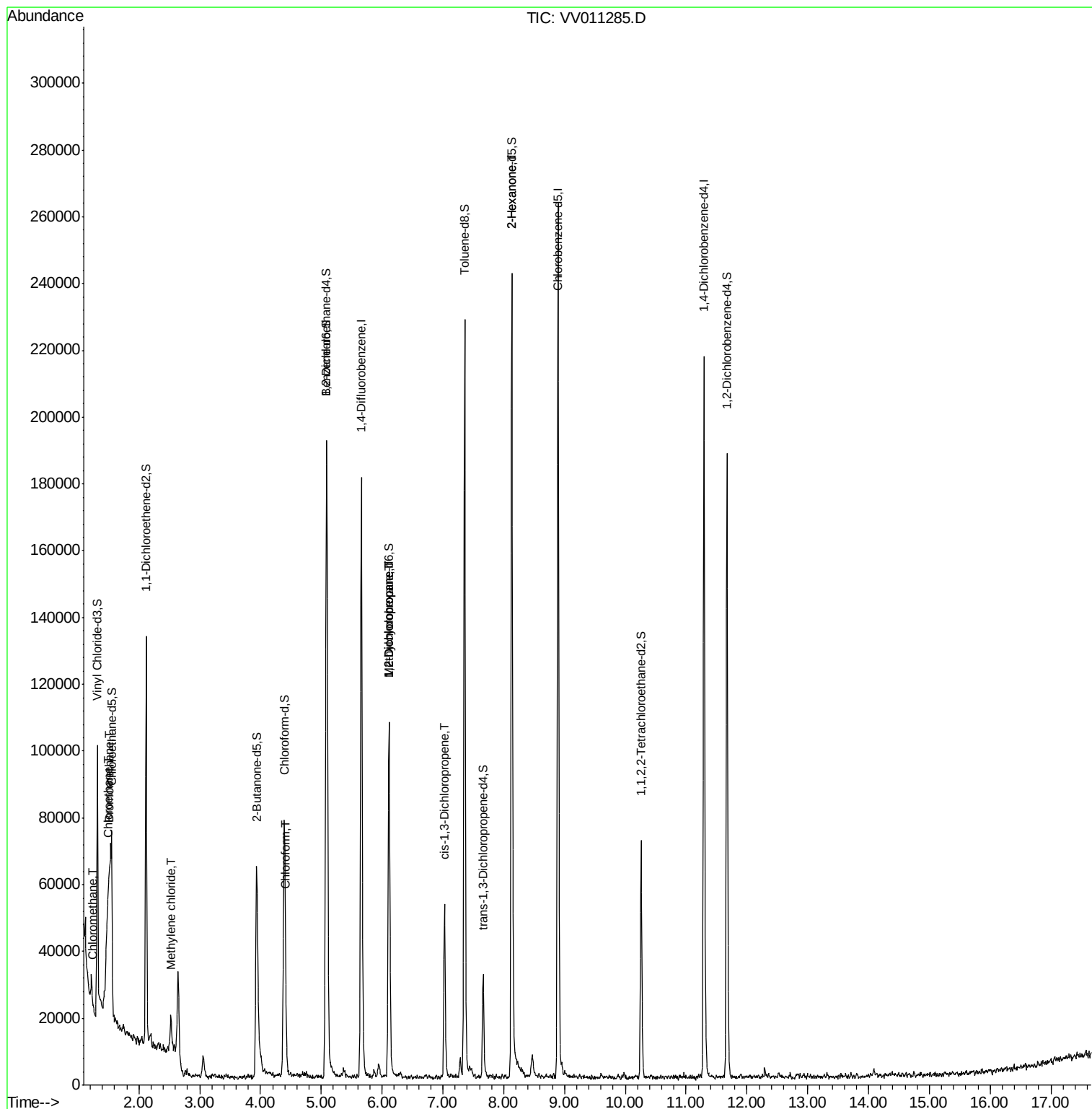
					Qvalue
3) Chloromethane	1.25	50	1101	0.081 ug/L #	62
6) Bromomethane	1.51	94	1540	0.226 ug/L	90
8) Chloroethane	1.49	64	3413	0.408 ug/L #	61
16) Methylene chloride	2.52	84	3901	0.423 ug/L	93
25) Chloroform	4.42	83	1916	0.094 ug/L	84
35) Methylcyclohexane	6.11	83	11867	0.684 ug/L #	16
37) 1,2-Dichloropropane	6.11	63	5984	0.592 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1662	0.112 ug/L #	69
48) 2-Hexanone	8.13	43	10439	2.324 ug/L #	69

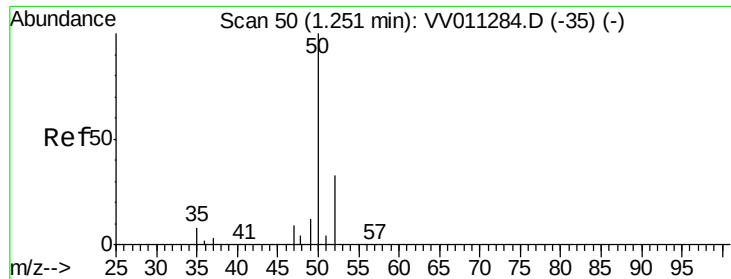
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.081 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

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Acq: 07 Jun 2019 13:12

Instrument :

MSVOA_V

ClientSampleId :

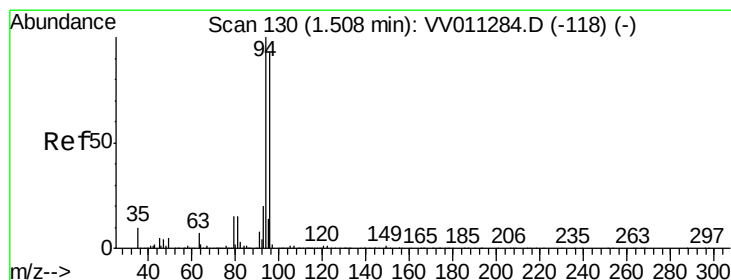
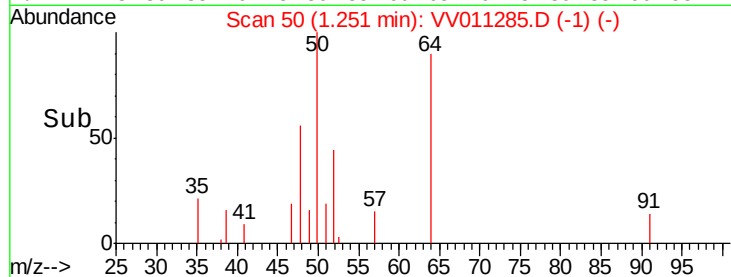
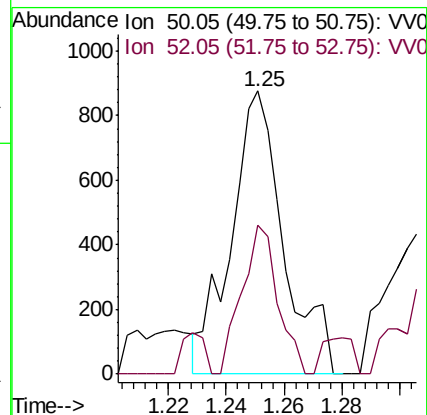
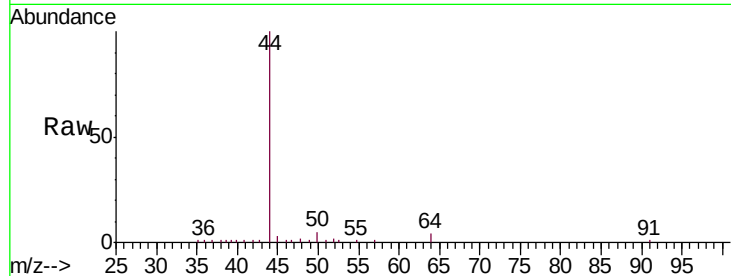
VBLK49

Tgt Ion: 50 Resp: 1101

Ion Ratio Lower Upper

50 100

52 52.9 22.3 41.5#



#6

Bromomethane

Concen: 0.226 ug/L

RT: 1.51 min Scan# 131

Delta R.T. 0.00 min

Lab File: VV011285.D

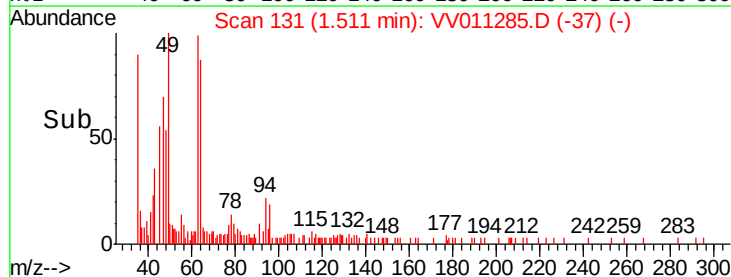
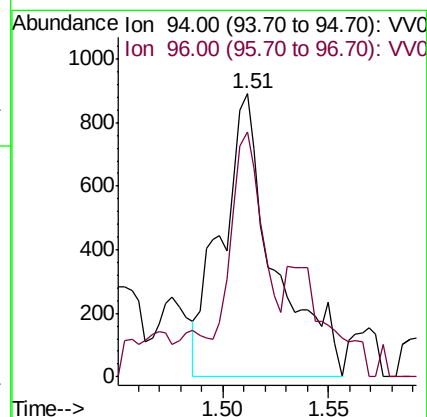
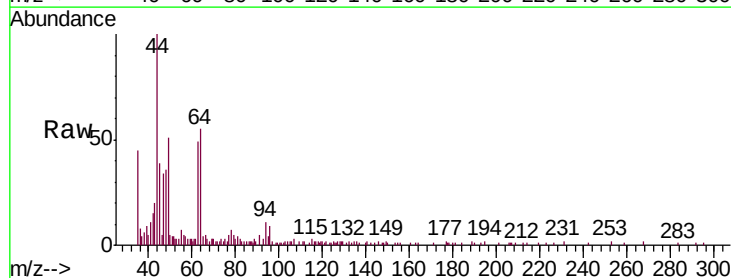
Acq: 07 Jun 2019 13:12

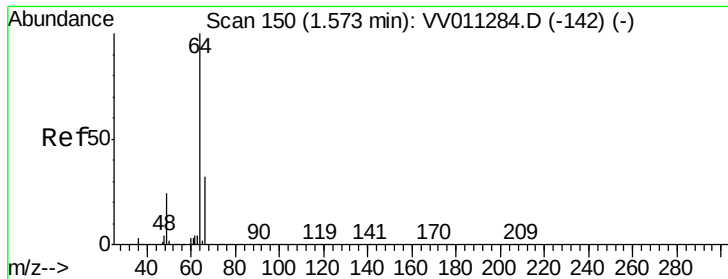
Tgt Ion: 94 Resp: 1540

Ion Ratio Lower Upper

94 100

96 86.3 67.0 124.4





#8

Chloroethane

Concen: 0.408 ug/L

RT: 1.49 min Scan# 125

Delta R.T. -0.08 min

Lab File: VV011285.D

Acq: 07 Jun 2019 13:12

Instrument :

MSVOA_V

ClientSampleId :

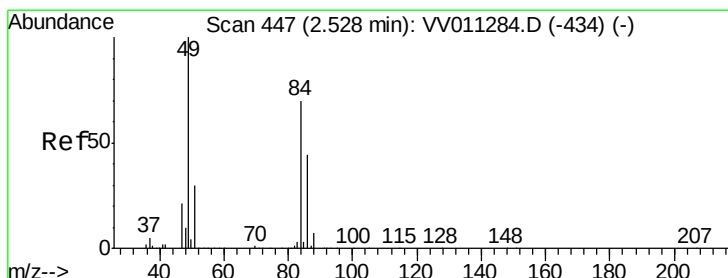
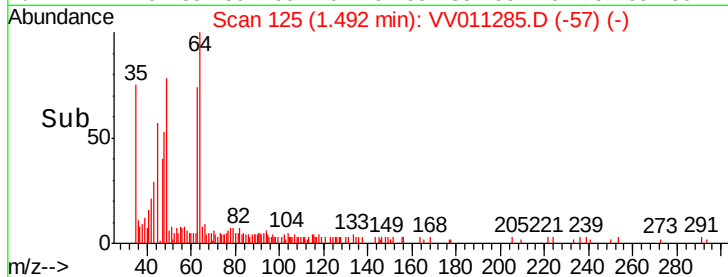
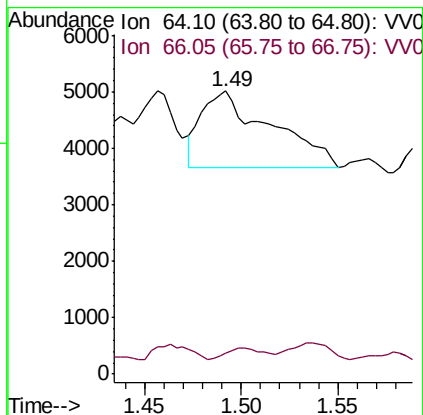
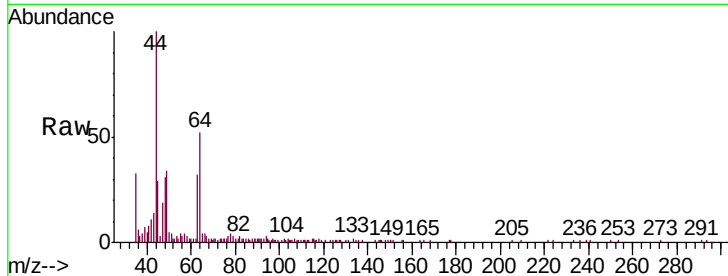
VBLK49

Tgt Ion: 64 Resp: 3413

Ion Ratio Lower Upper

64 100

66 7.5 19.4 36.0#



#16

Methylene chloride

Concen: 0.423 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.00 min

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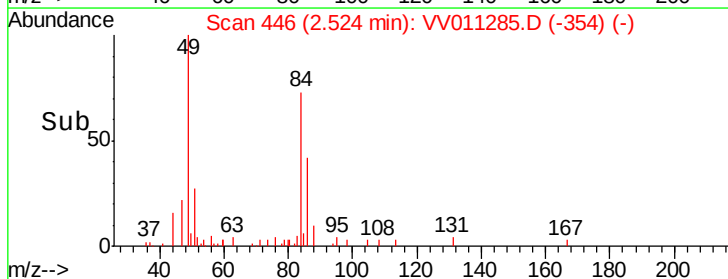
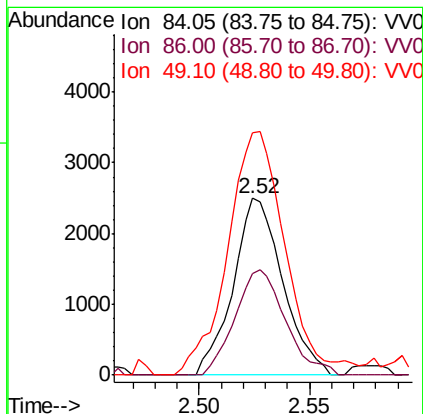
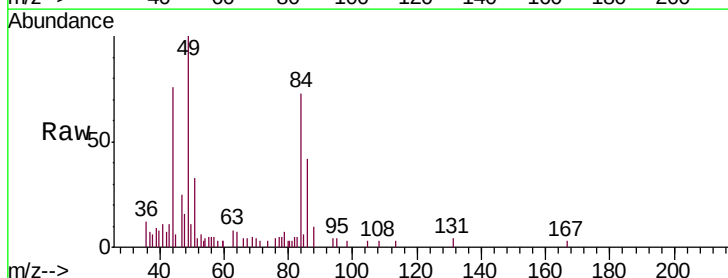
Tgt Ion: 84 Resp: 3901

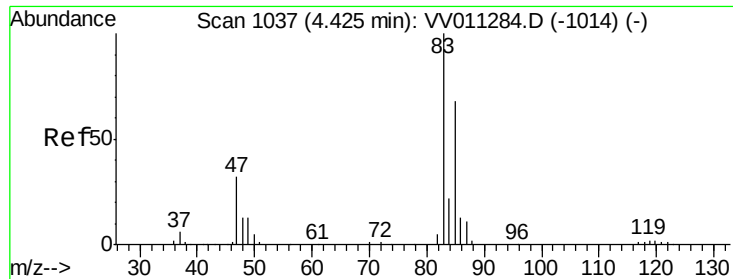
Ion Ratio Lower Upper

84 100

86 57.7 44.9 83.3

49 137.1 102.1 189.5

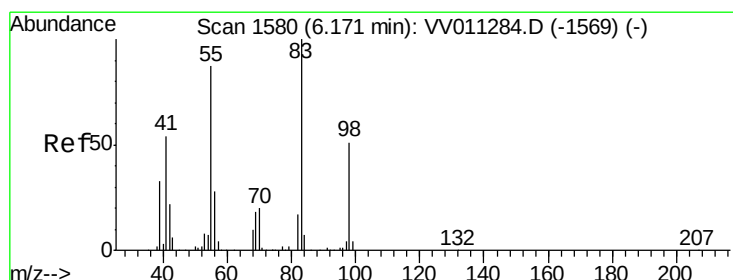
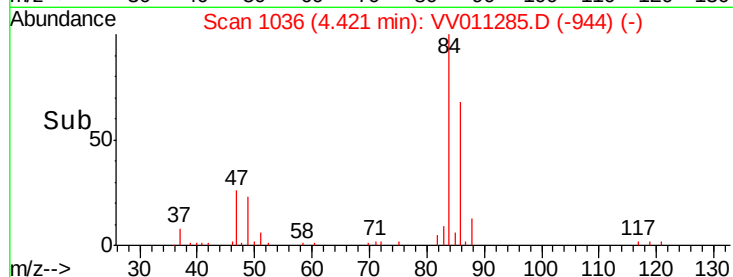
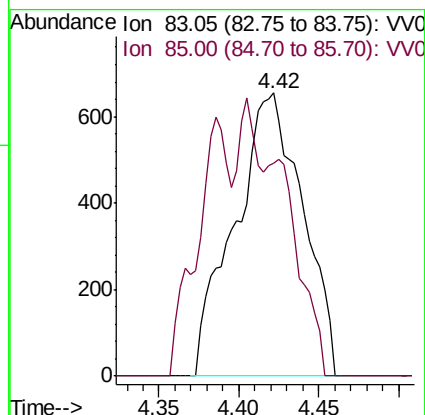
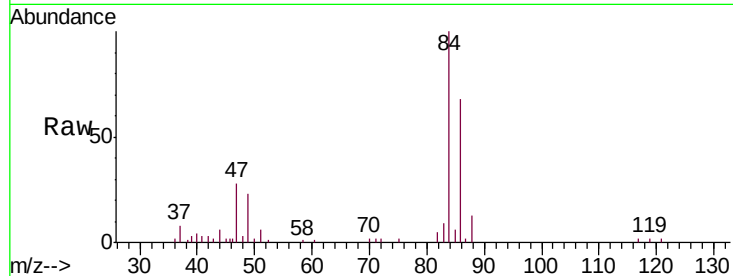




#25
Chloroform
Concen: 0.094 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV011285.D
Acq: 07 Jun 2019 13:12

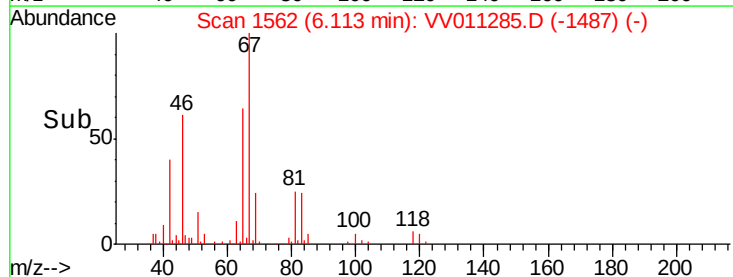
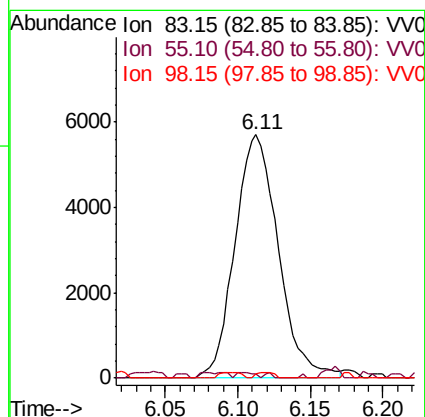
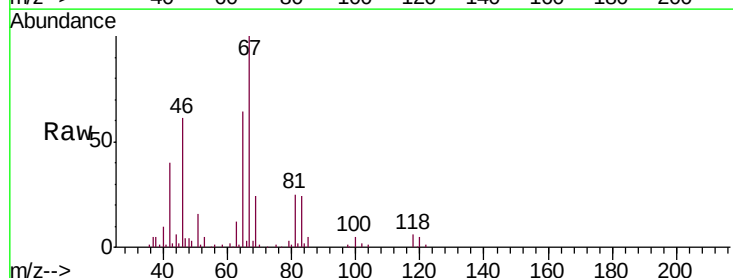
Instrument :
MSVOA_V
ClientSampleId :
VBLK49

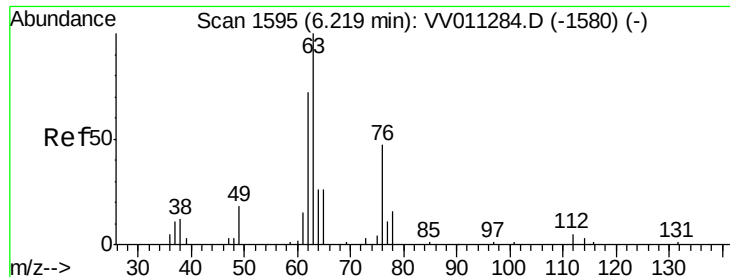
Tgt Ion: 83 Resp: 1916
Ion Ratio Lower Upper
83 100
85 75.4 44.1 81.9



#35
Methylcyclohexane
Concen: 0.684 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011285.D
Acq: 07 Jun 2019 13:12

Tgt Ion: 83 Resp: 11867
Ion Ratio Lower Upper
83 100
55 0.4 67.0 100.6#
98 1.0 40.0 60.0#

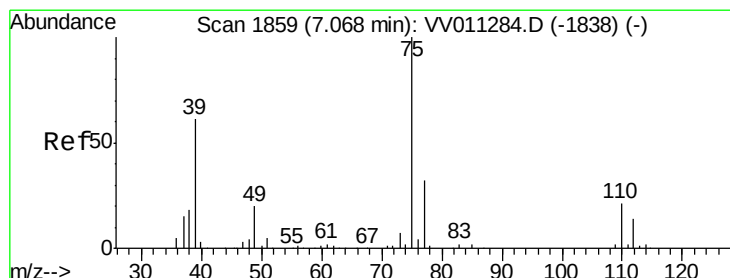
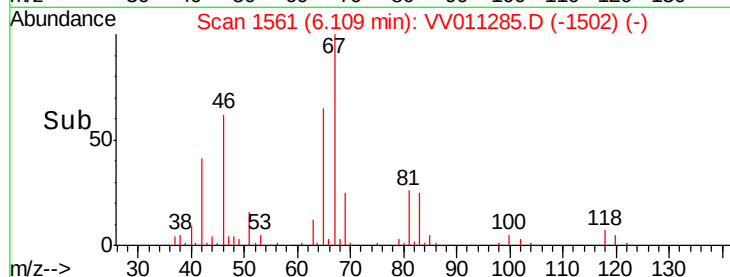
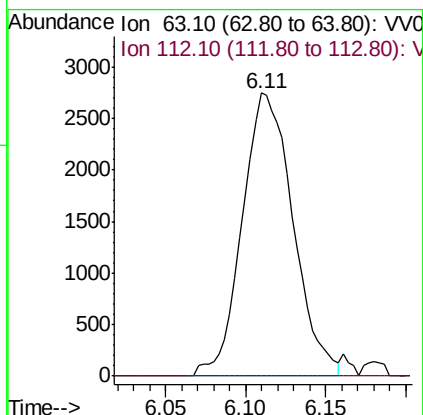
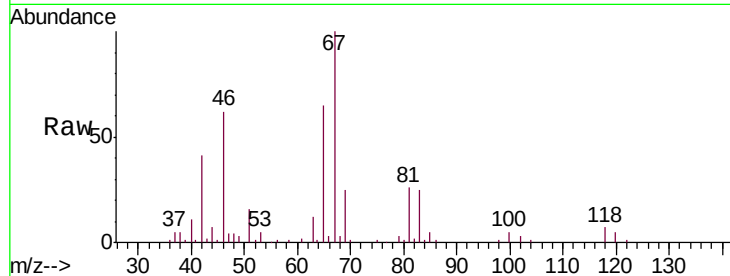




#37
 1,2-Dichloropropane
 Concen: 0.592 ug/L
 RT: 6.11 min Scan# 1561
 Delta R.T. -0.11 min
 Lab File: VV011285.D
 Acq: 07 Jun 2019 13:12

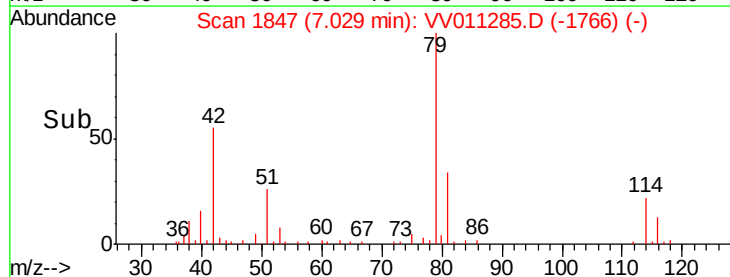
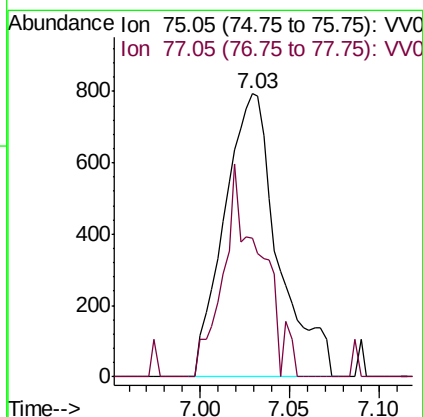
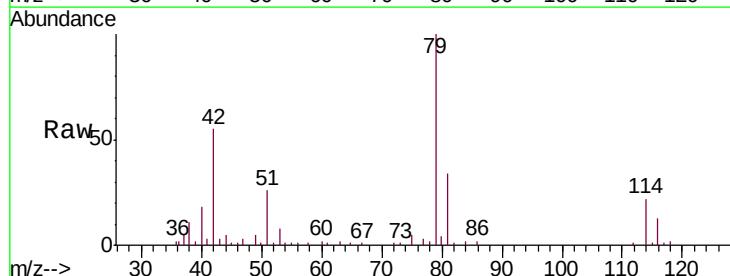
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK49

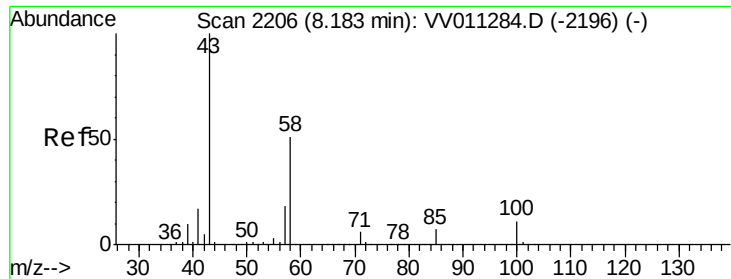
Tgt Ion: 63 Resp: 5984
 Ion Ratio Lower Upper
 63 100
 112 0.8 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011285.D
 Acq: 07 Jun 2019 13:12

Tgt Ion: 75 Resp: 1662
 Ion Ratio Lower Upper
 75 100
 77 49.1 22.2 41.2#





#48

2-Hexanone

Concen: 2.324 ug/L

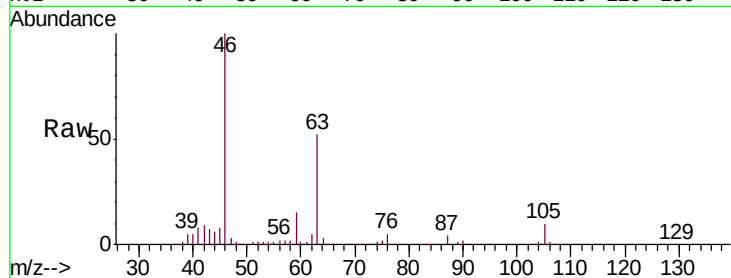
RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV011285.D

Acq: 07 Jun 2019 13:12

Instrument :
MSVOA_V
ClientSampleId :
VBLK49



Tgt Ion:	43	Resp:	10439
Ion	Ratio	Lower	Upper
43	100		
58	26.3	41.4	62.0#
57	27.3	15.0	22.4#
100	0.0	9.0	13.4#

