

Data File : VV013219.D
Acq On : 18 Oct 2019 23:12
Operator : SY/MD
Sample : VV1018WBL02
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK36

Quant Time: Oct 19 06:38:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 06:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.72	114	443768	5.00	ug/L	0.05
28) Chlorobenzene-d5	8.90	117	462864	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	230363	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	207438	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.60	69	173145	4.81	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.15	63	209592	2.97	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	4.04	46	361367	38.74	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.48%
24) Chloroform-d	4.44	84	424404	4.86	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.14	65	210940	5.09	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.15	84	853770	4.83	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.16	67	261951	4.97	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.38	98	674294	4.29	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.68	79	83474	4.44	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.15	63	364361	48.25	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	177138	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	257729	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

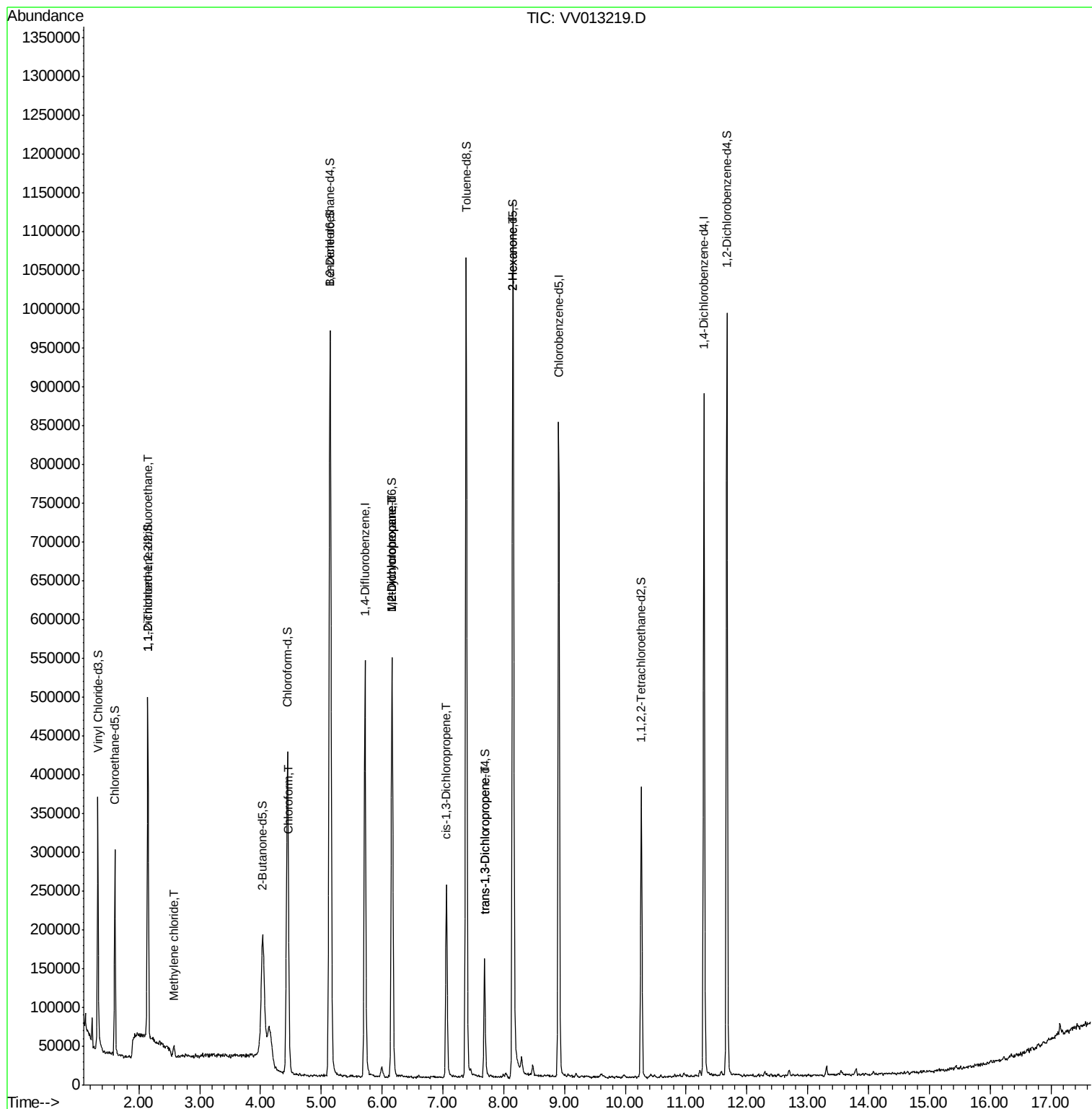
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	2774	0.074	ug/L #	24
16) Methylene chloride	2.57	84	6714	0.150	ug/L	85
25) Chloroform	4.47	83	13434	0.150	ug/L	99
35) Methylcyclohexane	6.16	83	62784	0.846	ug/L #	18
37) 1,2-Dichloropropane	6.16	63	27047	0.588	ug/L #	87
39) cis-1,3-Dichloropropene	7.06	75	5734	0.093	ug/L #	48
44) trans-1,3-Dichloropropene	7.68	75	4269	0.090	ug/L #	58
48) 2-Hexanone	8.15	43	49002	2.728	ug/L #	79

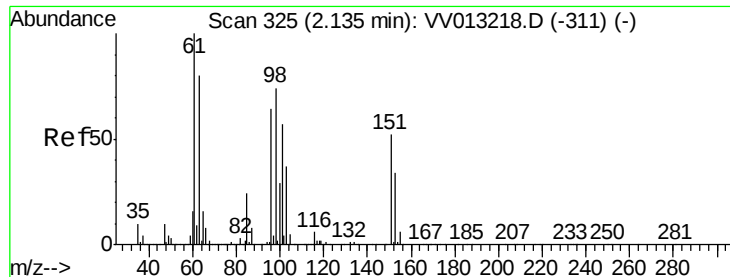
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 19 06:35:52 2019
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#10

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

Concen: 0.074 ug/L

RT: 2.15 min Scan# 329

Delta R.T. 0.01 min

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Instrument :

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ClientSampleId :

VBLK36

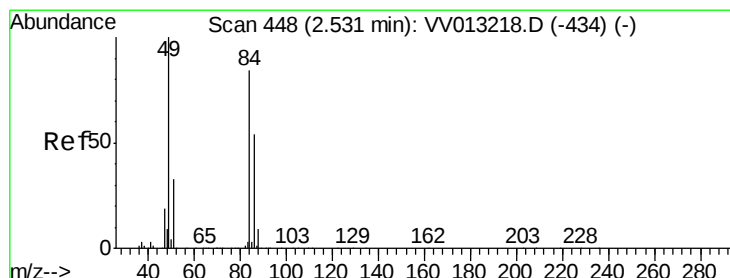
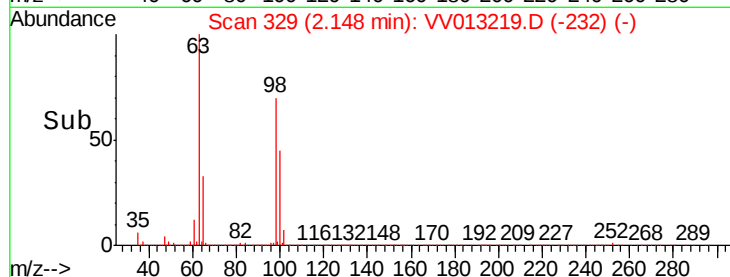
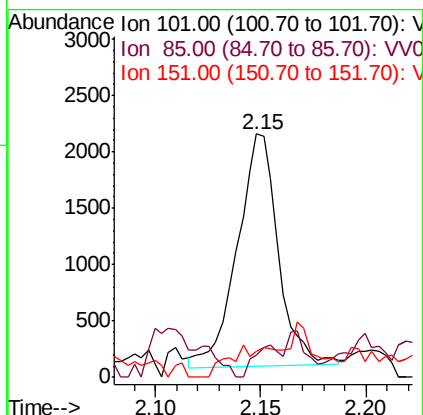
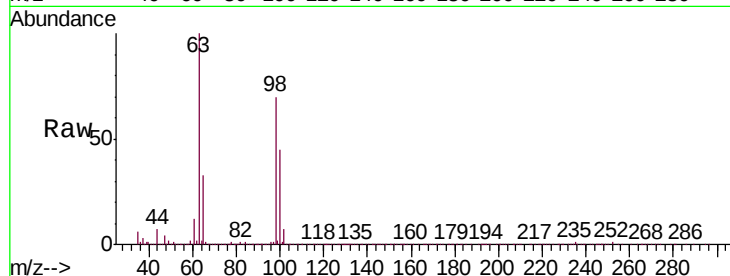
Tgt Ion: 101 Resp: 2774

Ion Ratio Lower Upper

101 100

85 9.2 32.4 48.6#

151 7.6 71.9 107.9#



#16

Methylene chloride

Concen: 0.150 ug/L

RT: 2.57 min Scan# 461

Delta R.T. 0.04 min

Lab File: VV013219.D

Acq: 18 Oct 2019 23:12

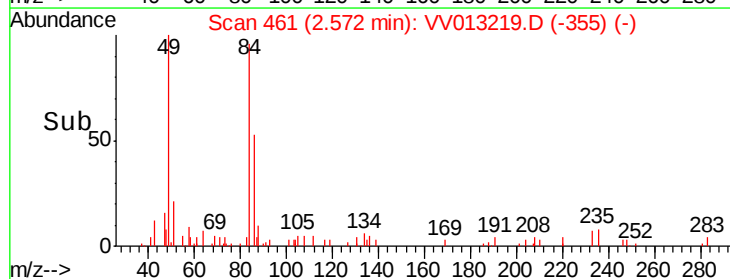
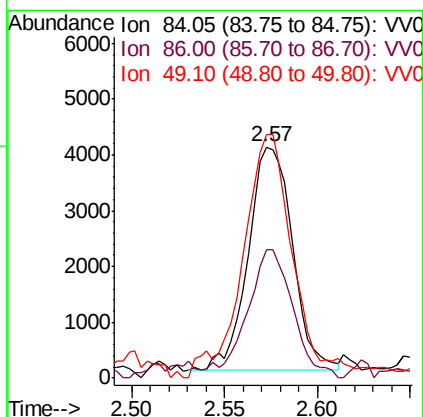
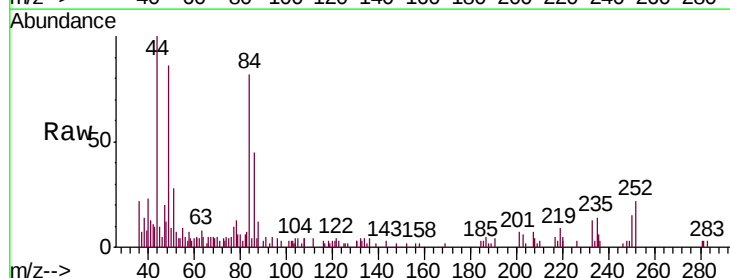
Tgt Ion: 84 Resp: 6714

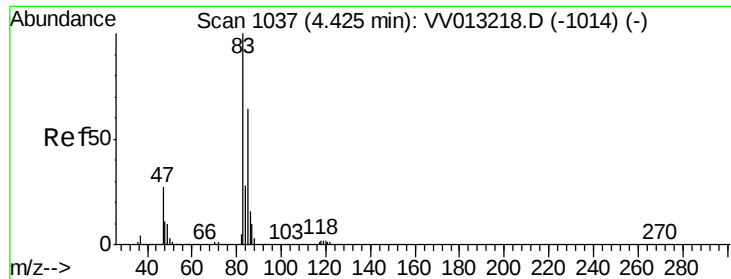
Ion Ratio Lower Upper

84 100

86 55.3 44.5 82.7

49 105.2 87.3 162.1





#25

Chloroform

Concen: 0.150 ug/L

RT: 4.47 min Scan# 1051

Delta R.T. 0.04 min

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Acq: 18 Oct 2019 23:12

Instrument :

MSVOA_V

ClientSampleId :

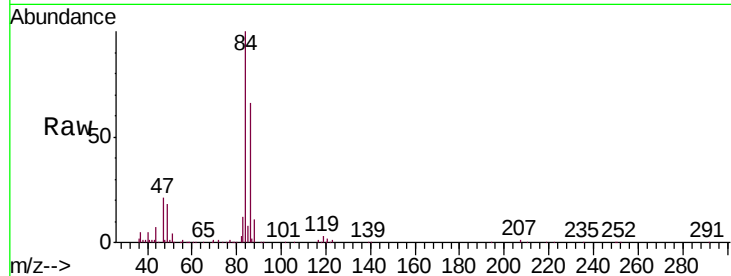
VBLK36

Tgt Ion: 83 Resp: 13434

Ion Ratio Lower Upper

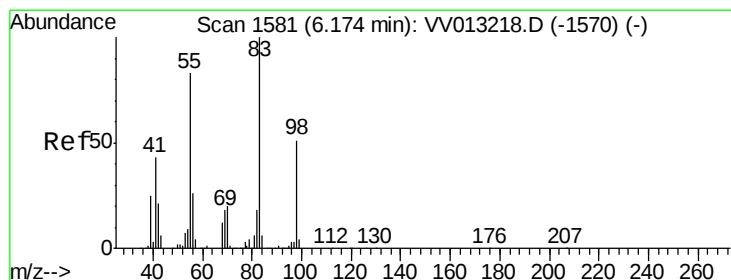
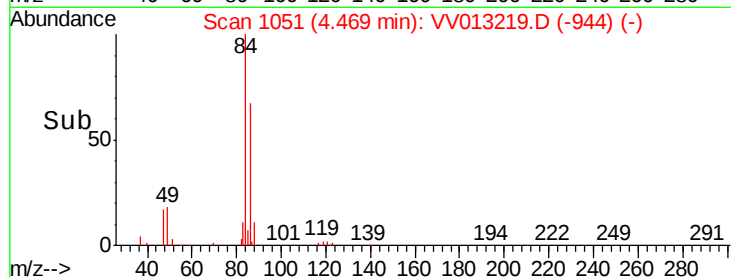
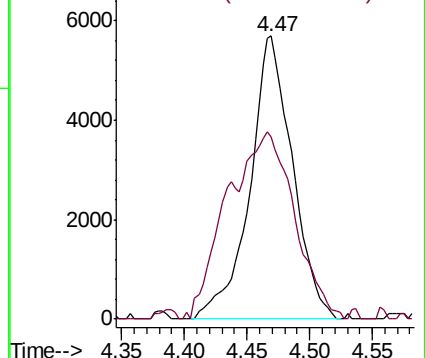
83 100

85 64.3 45.5 84.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#35

Methylcyclohexane

Concen: 0.846 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.01 min

Lab File: VV013219.D

Acq: 18 Oct 2019 23:12

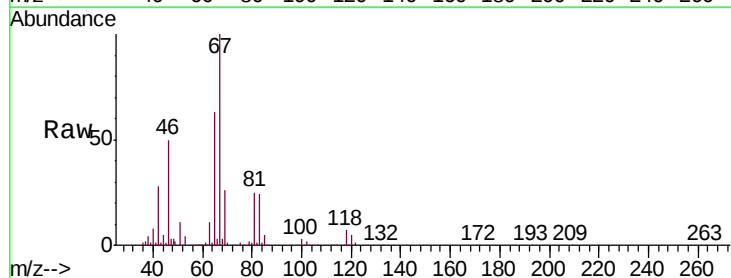
Tgt Ion: 83 Resp: 62784

Ion Ratio Lower Upper

83 100

55 0.9 64.0 96.0#

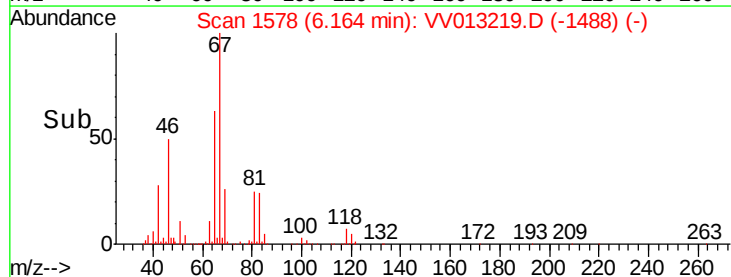
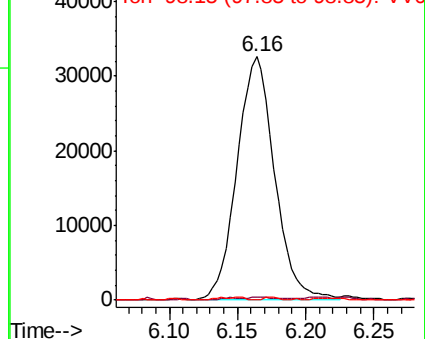
98 0.4 38.6 57.8#

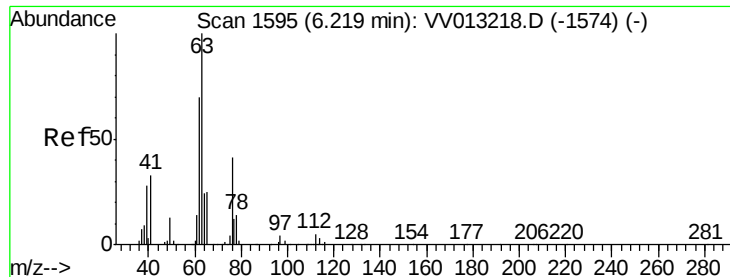


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.588 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.05 min

Lab File: VV013219.D

Acq: 18 Oct 2019 23:12

Instrument :

MSVOA_V

ClientSampleId :

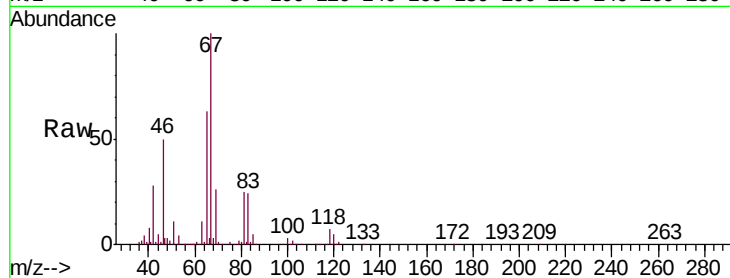
VBLK36

Tgt Ion: 63 Resp: 27047

Ion Ratio Lower Upper

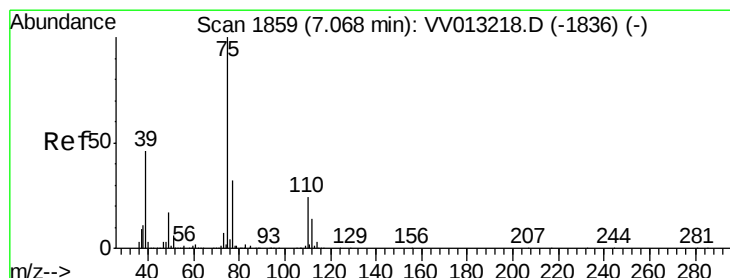
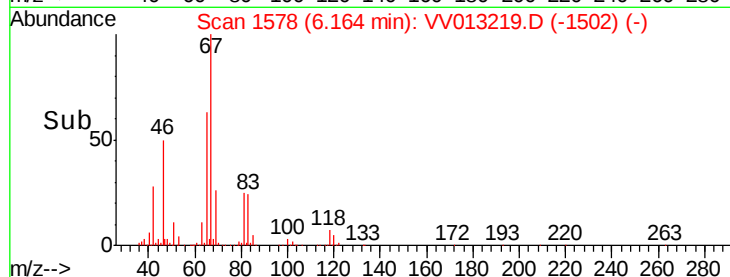
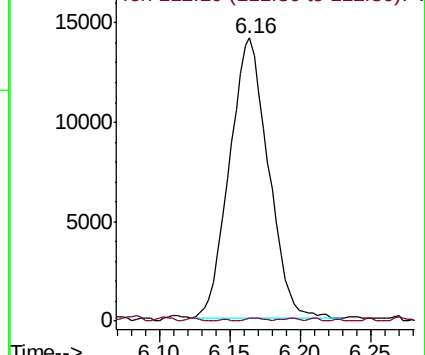
63 100

112 0.6 3.8 5.8#



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: 0.093 ug/L

RT: 7.06 min Scan# 1856

Delta R.T. -0.01 min

Lab File: VV013219.D

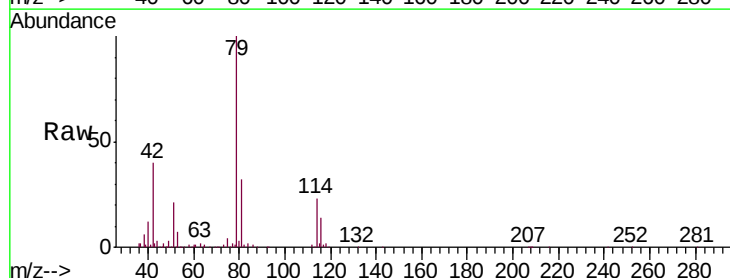
Acq: 18 Oct 2019 23:12

Tgt Ion: 75 Resp: 5734

Ion Ratio Lower Upper

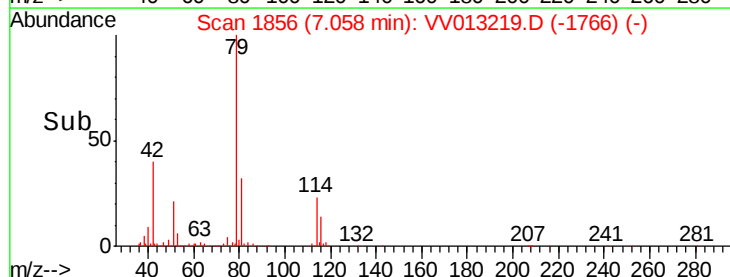
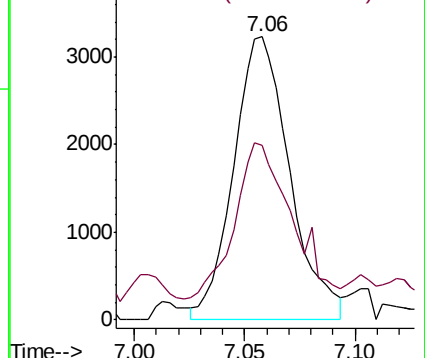
75 100

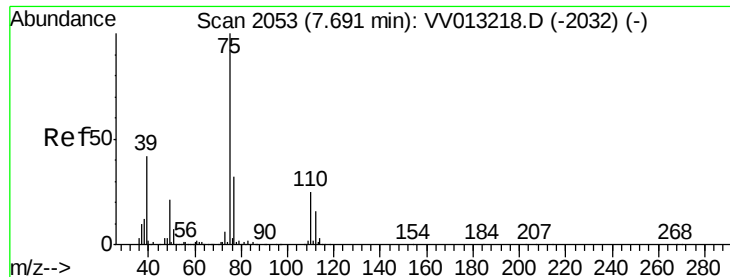
77 61.6 22.6 42.0#



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: 0.090 ug/L

RT: 7.68 min Scan# 2051

Delta R.T. -0.01 min

Lab File: VV013219.D

Acq: 18 Oct 2019 23:12

Instrument :

MSVOA_V

ClientSampleId :

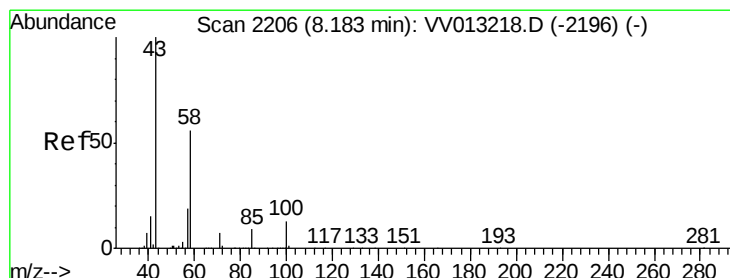
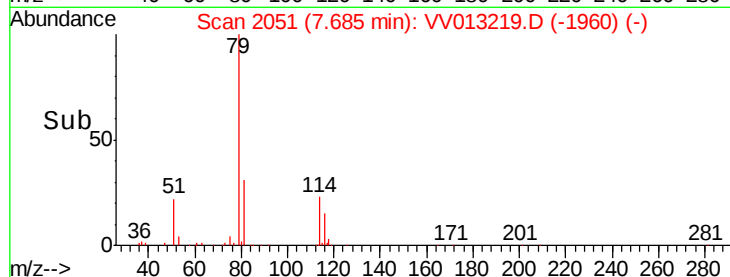
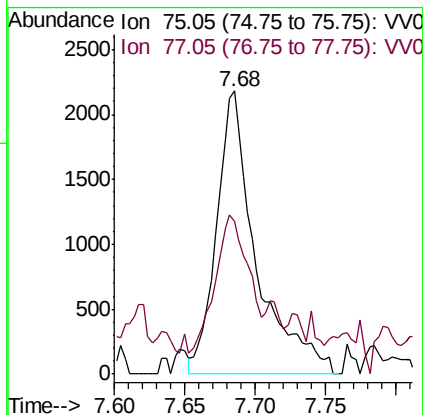
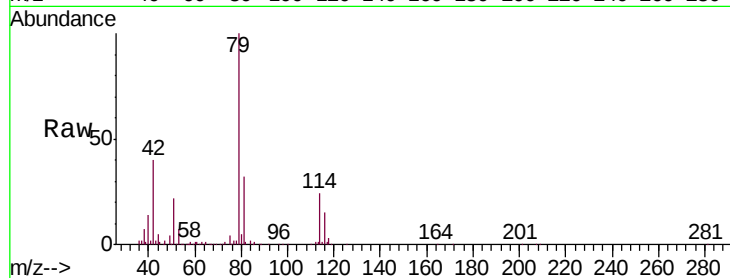
VBLK36

Tgt Ion: 75 Resp: 4269

Ion Ratio Lower Upper

75 100

77 54.2 21.8 40.4#



#48

2-Hexanone

Concen: 2.728 ug/L

RT: 8.15 min Scan# 2196

Delta R.T. -0.03 min

Lab File: VV013219.D

Acq: 18 Oct 2019 23:12

Tgt Ion: 43 Resp: 49002

Ion Ratio Lower Upper

43 100

58 44.3 44.2 66.2

57 35.8 14.5 21.7#

100 4.6 9.5 14.3#

