

Data File : VV013584.D
Acq On : 12 Nov 2019 12:29
Operator : SY/MD
Sample : VV1112WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK52

Quant Time: Nov 13 04:30:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 13 04:27:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	364203	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	375755	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	170466	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	72286	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.58	69	81563	5.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.60%
11) 1,1-Dichloroethene-d2	2.12	63	99610	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	3.96	46	315704	57.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.74%
24) Chloroform-d	4.39	84	232090	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.60%
26) 1,2-Dichloroethane-d4	5.08	65	112759	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.09	84	357853	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.11	67	129670	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.35	98	278984	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	7.66	79	45805	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.13	63	224420	56.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	117801	5.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	148869	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

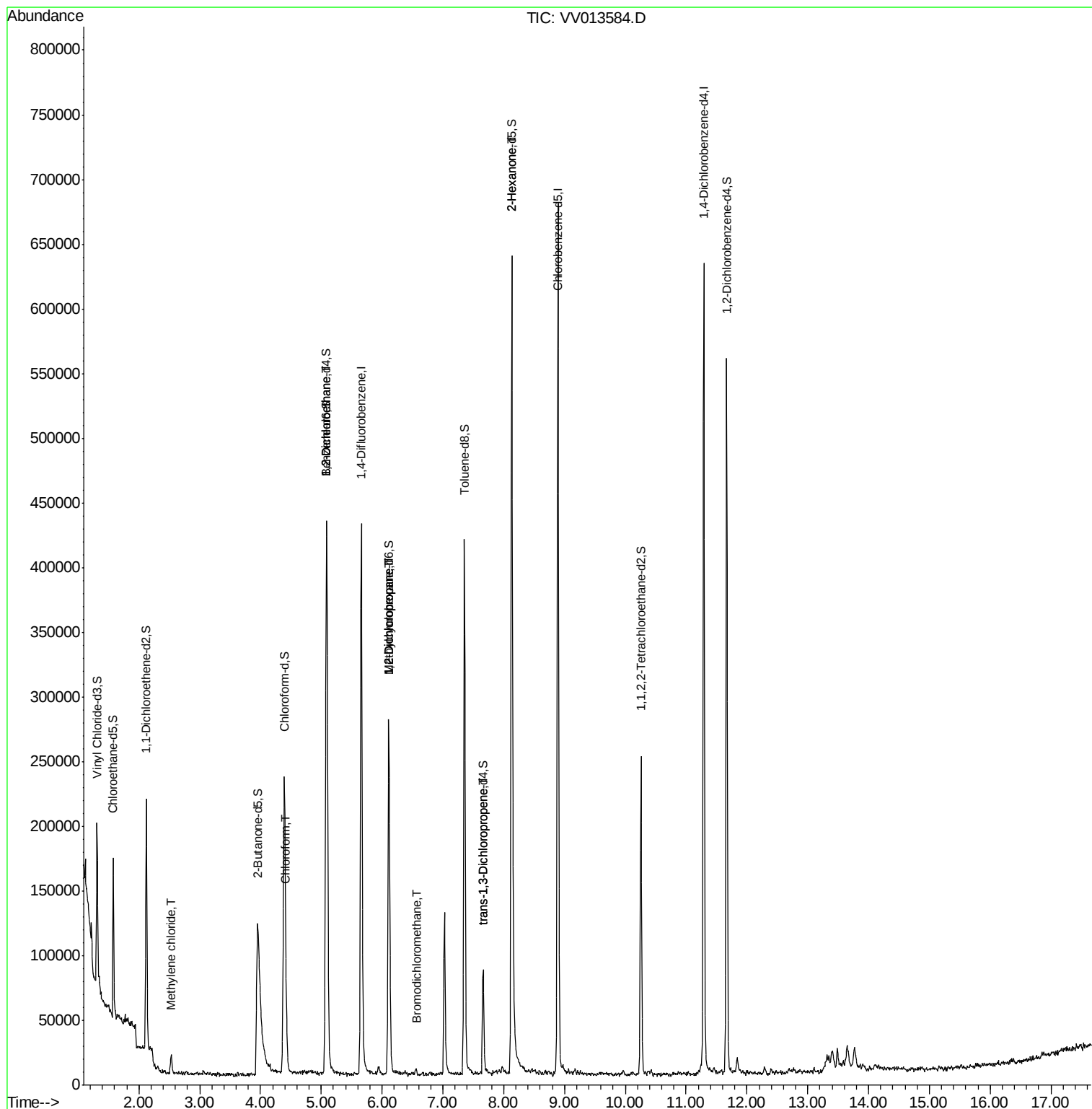
					Qvalue
16) Methylene chloride	2.53	84	6883	0.240 ug/L	93
25) Chloroform	4.42	83	24700	0.447 ug/L	95
27) 1,2-Dichloroethane	5.09	62	2569	0.086 ug/L	99
35) Methylcyclohexane	6.11	83	31412	0.656 ug/L #	19
37) 1,2-Dichloropropane	6.11	63	14900	0.519 ug/L #	89
38) Bromodichloromethane	6.56	83	2569	0.069 ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	2742	0.087 ug/L	83
48) 2-Hexanone	8.13	43	33256	2.844 ug/L #	72

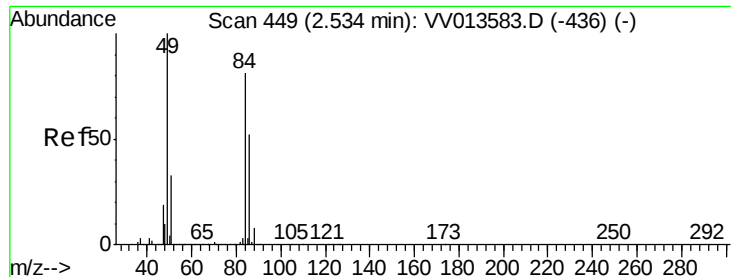
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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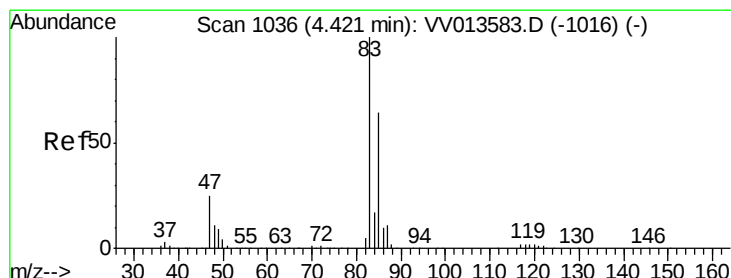
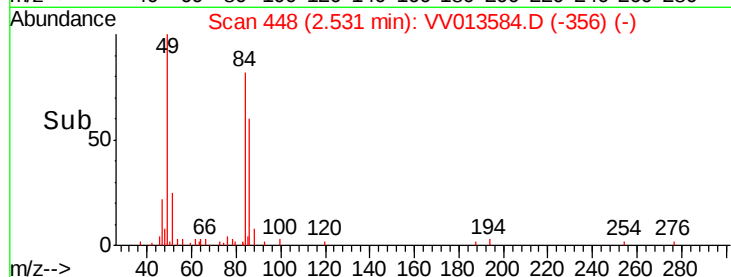
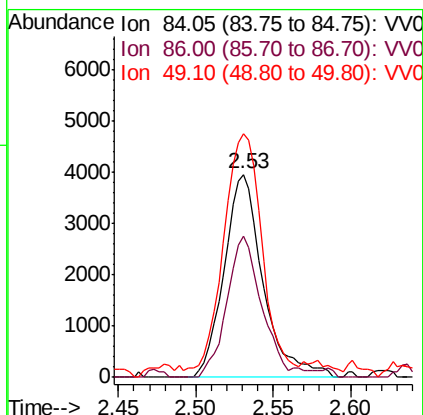
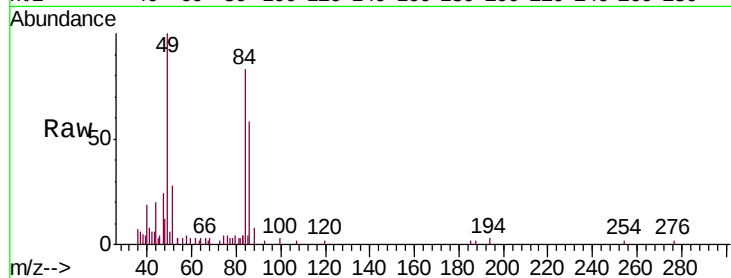




#16
Methylene chloride
Concen: 0.240 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV013584.D
Acq: 12 Nov 2019 12:29

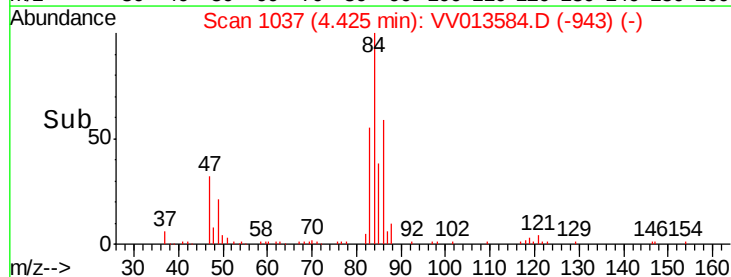
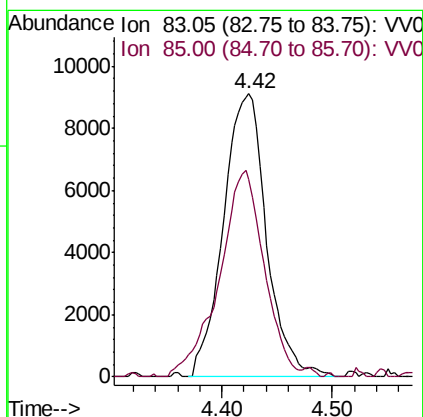
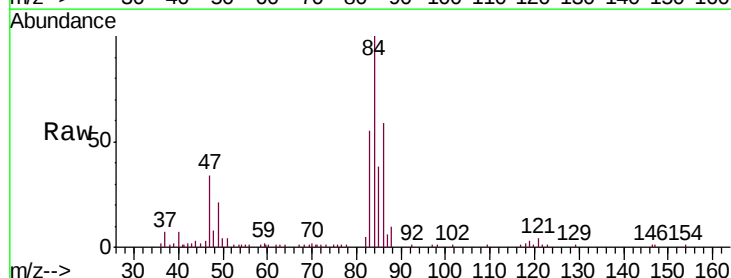
Instrument :
MSVOA_V
ClientSampled :
VBLK52

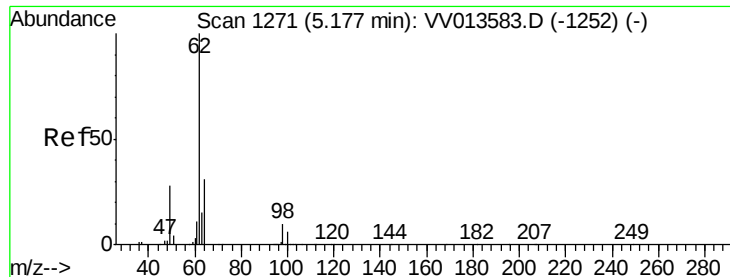
Tgt Ion: 84 Resp: 6883
Ion Ratio Lower Upper
84 100
86 70.0 44.2 82.2
49 120.1 88.8 164.8



#25
Chloroform
Concen: 0.447 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013584.D
Acq: 12 Nov 2019 12:29

Tgt Ion: 83 Resp: 24700
Ion Ratio Lower Upper
83 100
85 70.0 46.3 86.1





#27

1,2-Dichloroethane

Concen: 0.086 ug/L

RT: 5.09 min Scan# 1243

Delta R.T. -0.09 min

Lab File: VV013584.D

Acq: 12 Nov 2019 12:29

Instrument :

MSVOA_V

ClientSampleId :

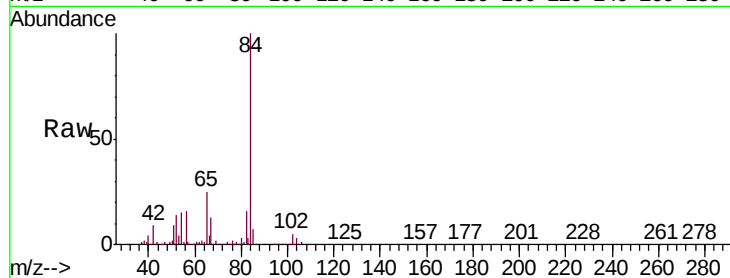
VBLK52

Tgt Ion: 62 Resp: 2569

Ion Ratio Lower Upper

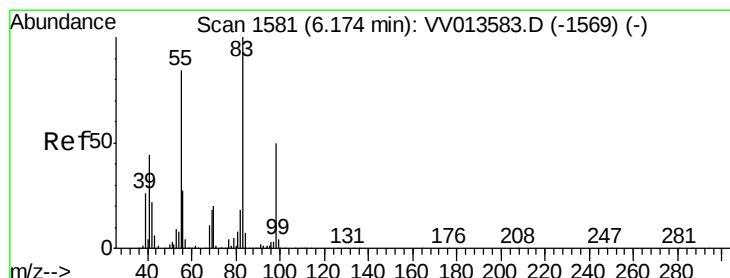
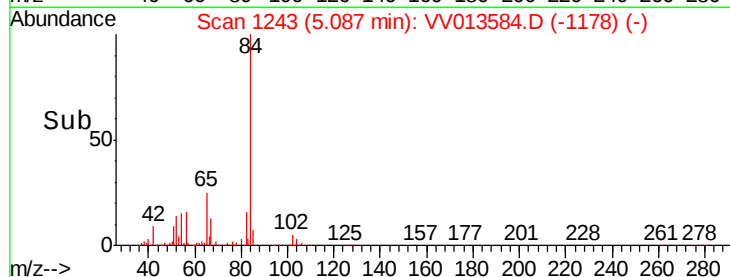
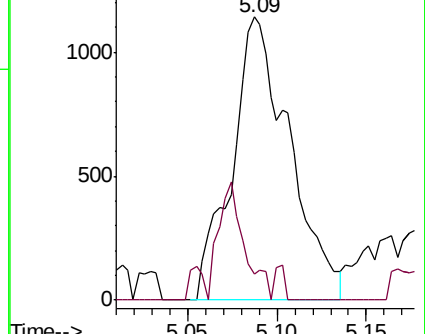
62 100

98 9.5 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#35

Methylcyclohexane

Concen: 0.656 ug/L

RT: 6.11 min Scan# 1561

Delta R.T. -0.06 min

Lab File: VV013584.D

Acq: 12 Nov 2019 12:29

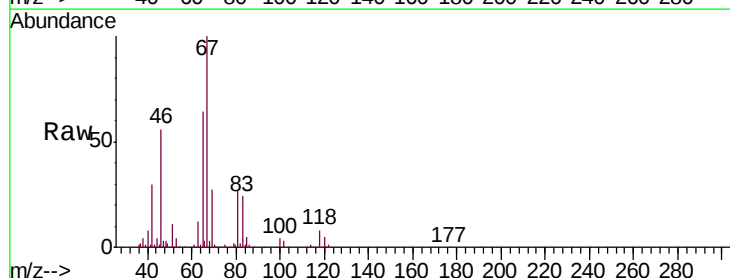
Tgt Ion: 83 Resp: 31412

Ion Ratio Lower Upper

83 100

55 1.1 63.8 95.8#

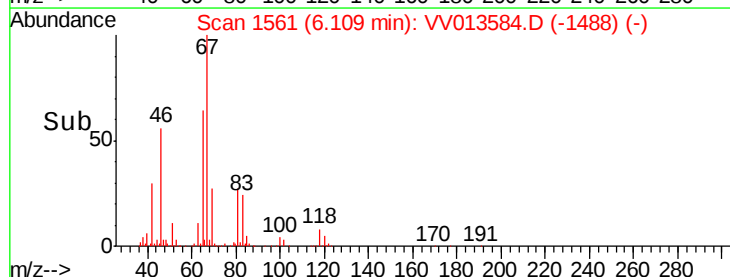
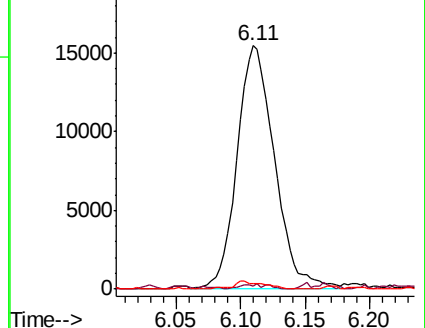
98 2.4 38.4 57.6#

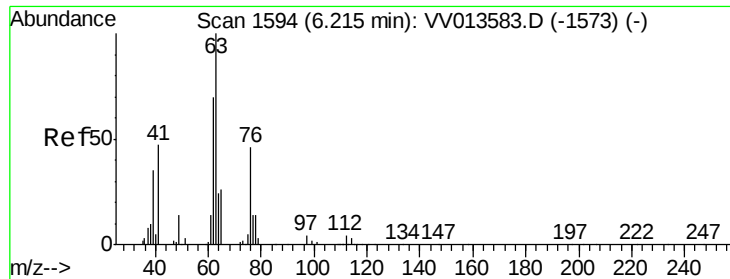


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

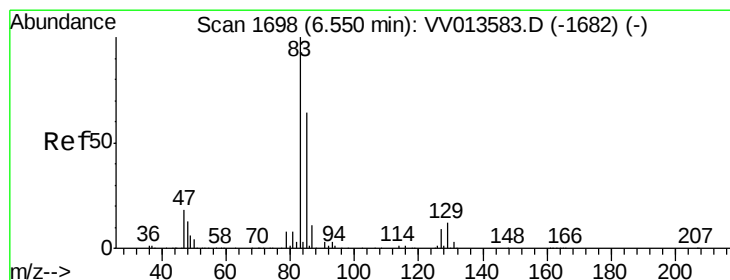
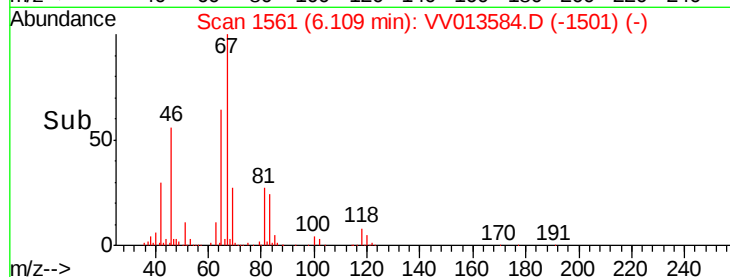
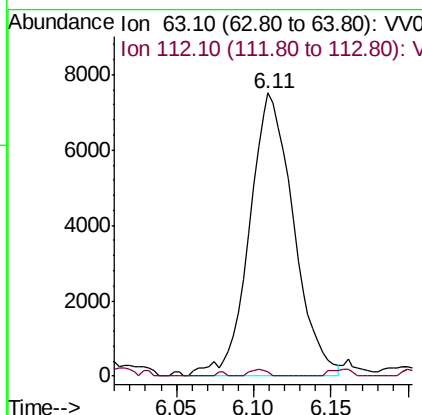
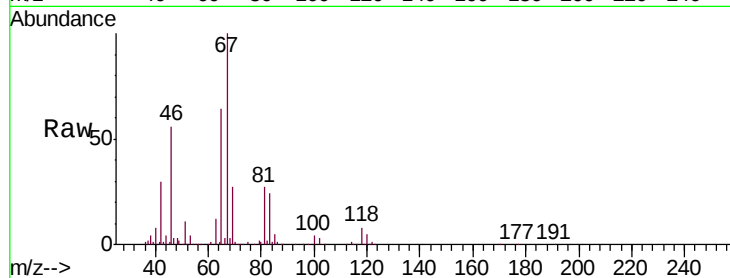




#37
 1,2-Dichloropropane
 Concen: 0.519 ug/L
 RT: 6.11 min Scan# 1561
 Delta R.T. -0.11 min
 Lab File: VV013584.D
 Acq: 12 Nov 2019 12:29

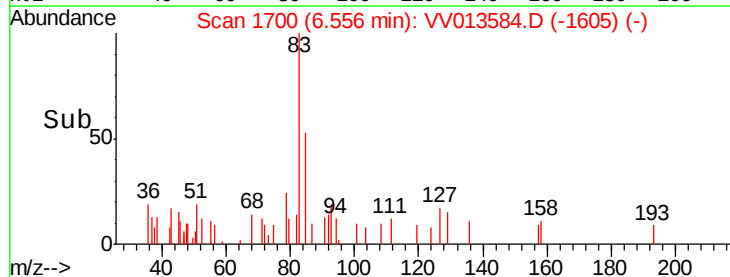
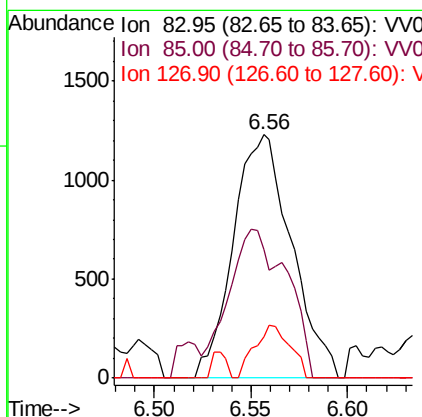
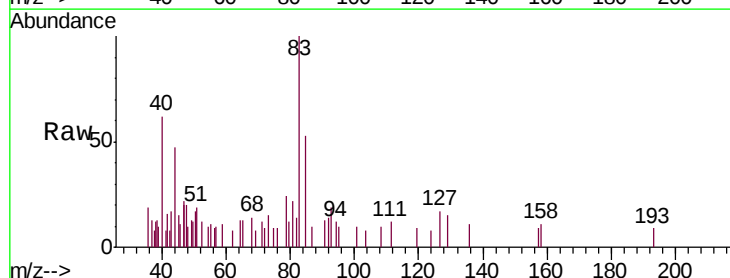
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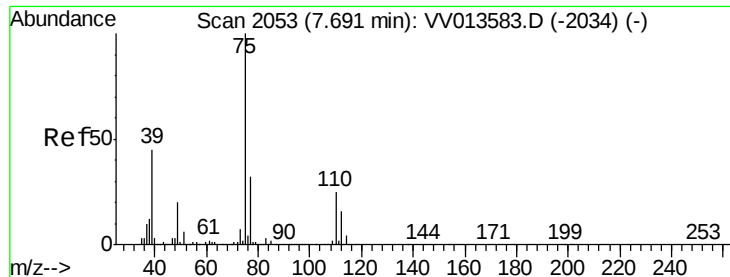
Tgt Ion: 63 Resp: 14900
 Ion Ratio Lower Upper
 63 100
 112 0.9 3.8 5.6#



#38
 Bromodichloromethane
 Concen: 0.069 ug/L
 RT: 6.56 min Scan# 1700
 Delta R.T. 0.01 min
 Lab File: VV013584.D
 Acq: 12 Nov 2019 12:29

Tgt Ion: 83 Resp: 2569
 Ion Ratio Lower Upper
 83 100
 85 52.6 43.6 81.0
 127 17.0 6.5 9.7#





#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.66 min Scan# 2042

Delta R.T. -0.04 min

Lab File: VV013584.D

Acq: 12 Nov 2019 12:29

Instrument :

MSVOA_V

ClientSampleId :

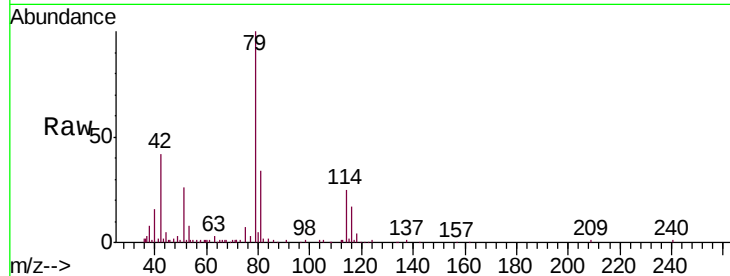
VBLK52

Tgt Ion: 75 Resp: 2742

Ion Ratio Lower Upper

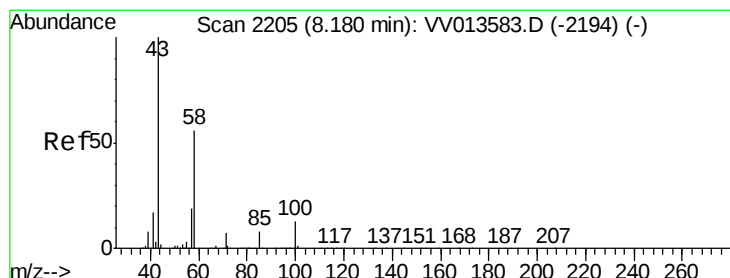
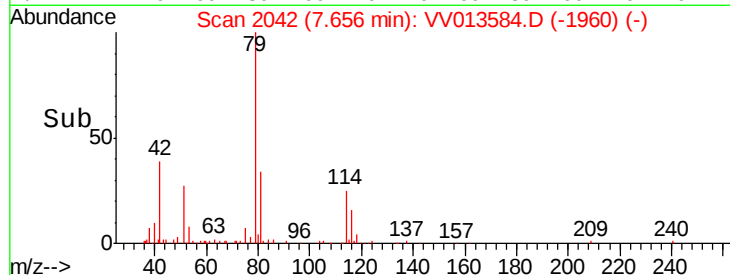
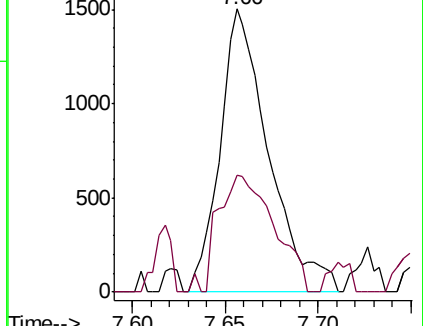
75 100

77 41.1 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.844 ug/L

RT: 8.13 min Scan# 2189

Delta R.T. -0.05 min

Lab File: VV013584.D

Acq: 12 Nov 2019 12:29

Tgt Ion: 43 Resp: 33256

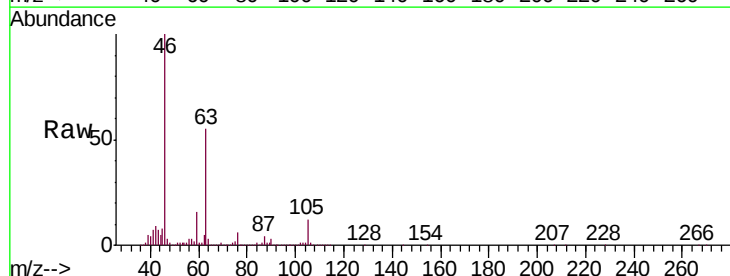
Ion Ratio Lower Upper

43 100

58 33.4 43.8 65.8#

57 32.0 15.0 22.6#

100 4.4 9.8 14.6#



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

