

Data File : VV010766.D
Acq On : 09 May 2019 14:19
Operator : SY/MD
Sample : K2693-10
Misc : 2.58G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHL1

Quant Time: May 10 05:46:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 05:43:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	76439	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	57623	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	14984	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25097	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.52%
7) Chloroethane-d5	1.56	69	24318	24.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.56%
10) 1,1-Dichloroethene-d2	2.12	63	41287	16.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.12%
20) 2-Butanone-d5	3.94	46	1491	4.18	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	8.36%#
24) Chloroform-d	4.40	84	45231	21.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.08	65	36373	27.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.80%
29) Benzene-d6	5.09	84	96330	31.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.04%
33) 1,2-Dichloropropane-d6	6.11	67	34402	35.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.40%#
37) Toluene-d8	7.36	98	76761	26.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.72%
38) trans-1,3-Dichloropropene-	7.66	79	4896	11.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	44.44%
39) 2-Hexanone-d5	8.14	63	2261	11.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	22.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	23708	26.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	15109	26.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.16%

Target Compounds

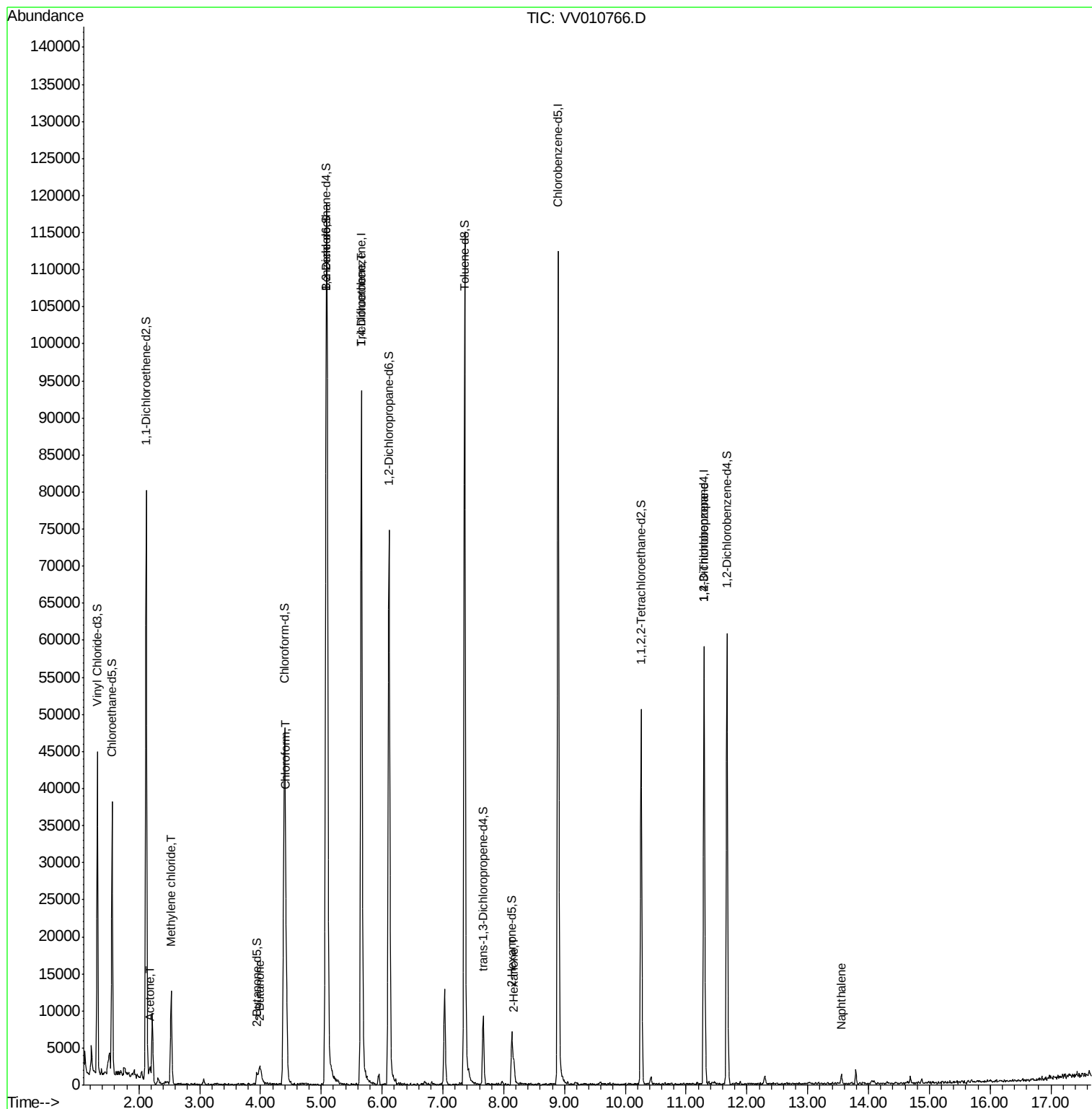
					Qvalue
13) Acetone	2.19	43	975	1.767 ug/L	88
16) Methylene chloride	2.53	84	4763	4.030 ug/L	97
21) 2-Butanone	3.99	43	2101	4.018 ug/L #	53
25) Chloroform	4.42	83	10606	4.585 ug/L	91
35) Trichloroethene	5.66	95	2548	2.689 ug/L #	7
49) 2-Hexanone	8.17	43	1671	2.902 ug/L #	45
59) 1,2,3-Trichloropropane	11.30	75	1914	2.532 ug/L #	80
69) Naphthalene	13.55	128	1616	1.299 ug/L #	76

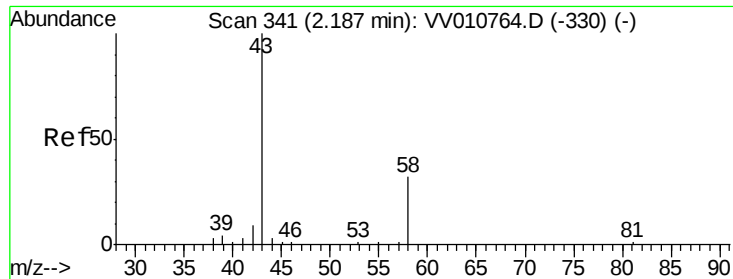
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010766.D
Acq On : 09 May 2019 14:19
Operator : SY/MD
Sample : K2693-10
Misc : 2.58G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHL1

Quant Time: May 10 05:46:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 05:43:08 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.767 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010766.D

Acq: 09 May 2019 14:19

Instrument :

MSVOA_V

ClientSampleId :

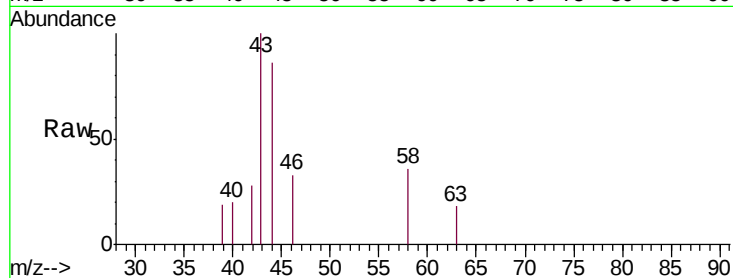
BFHL1

Tgt Ion: 43 Resp: 975

Ion Ratio Lower Upper

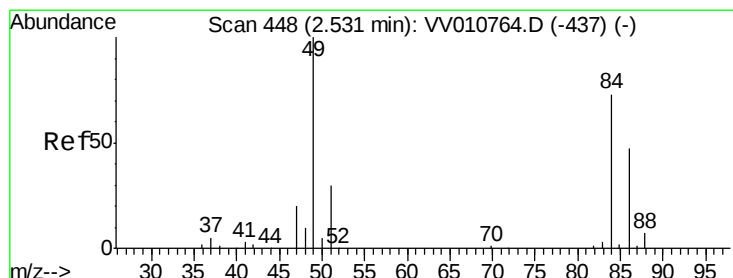
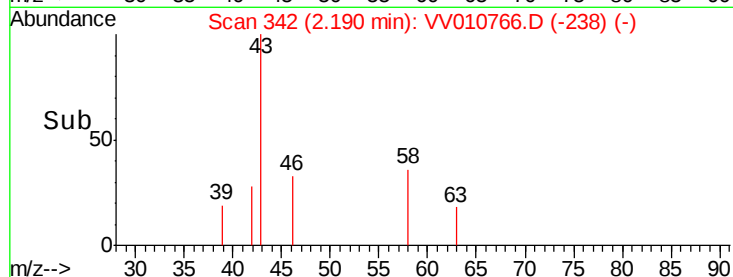
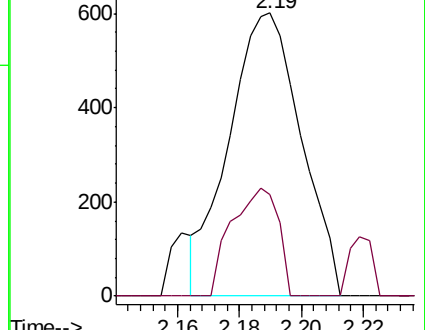
43 100

58 24.8 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010766.D (-342) (-)

Ion 58.00 (57.70 to 58.70): VV010766.D (-342) (-)



#16

Methylene chloride

Concen: 4.030 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.00 min

Lab File: VV010766.D

Acq: 09 May 2019 14:19

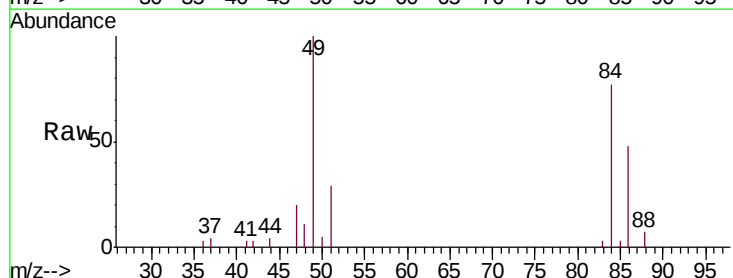
Tgt Ion: 84 Resp: 4763

Ion Ratio Lower Upper

84 100

49 129.6 92.9 172.5

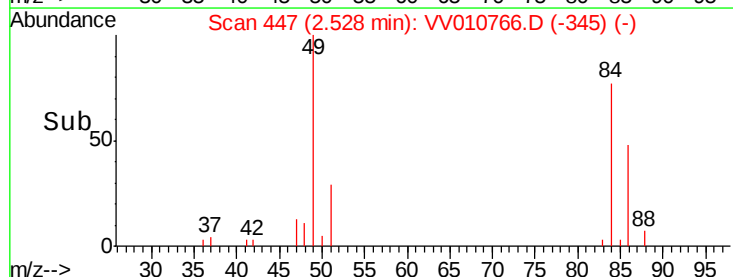
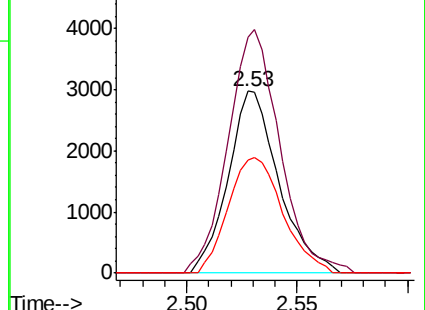
86 62.4 46.5 86.5

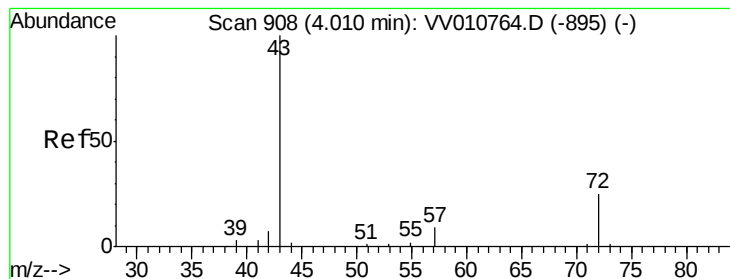


Abundance Ion 84.00 (83.70 to 84.70): VV010766.D (-447) (-)

Ion 49.00 (48.70 to 49.70): VV010766.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VV010766.D (-447) (-)





#21

2-Butanone

Concen: 4.018 ug/L

RT: 3.99 min Scan# 903

Delta R.T. -0.02 min

Lab File: VV010766.D

Acq: 09 May 2019 14:19

Instrument :

MSVOA_V

ClientSampled :

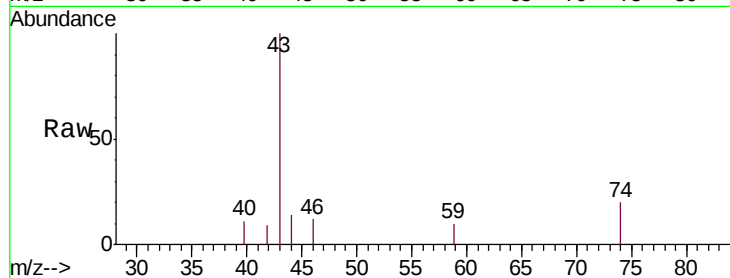
BFHL1

Tgt Ion: 43 Resp: 2101

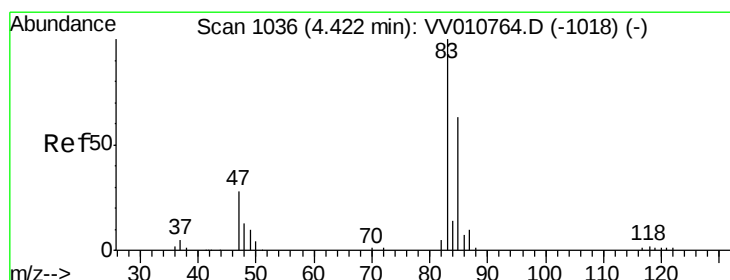
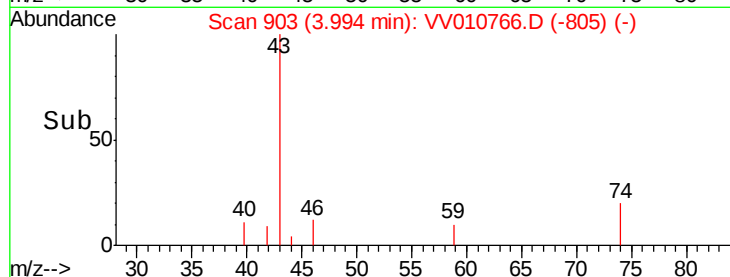
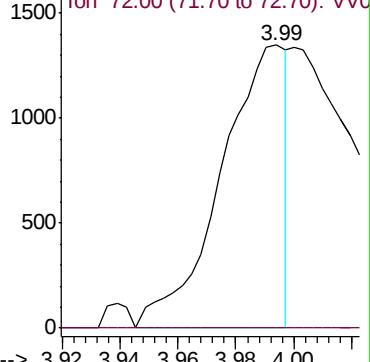
Ion Ratio Lower Upper

43 100

72 0.0 11.2 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VV010766.D (-895) (-)



#25

Chloroform

Concen: 4.585 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV010766.D

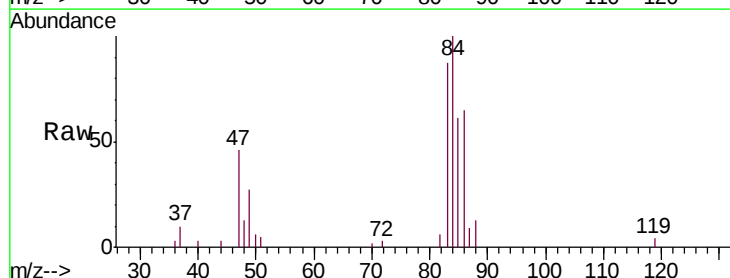
Acq: 09 May 2019 14:19

Tgt Ion: 83 Resp: 10606

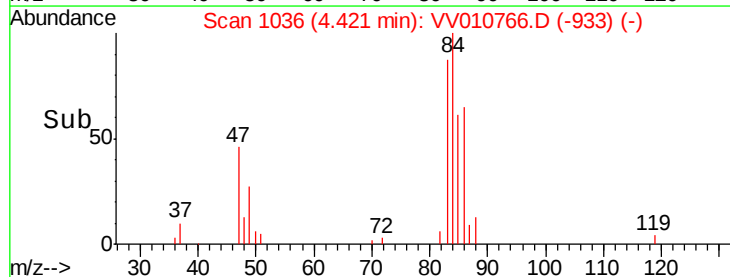
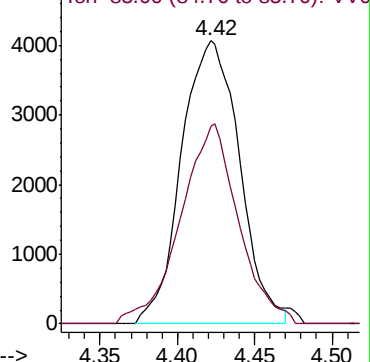
Ion Ratio Lower Upper

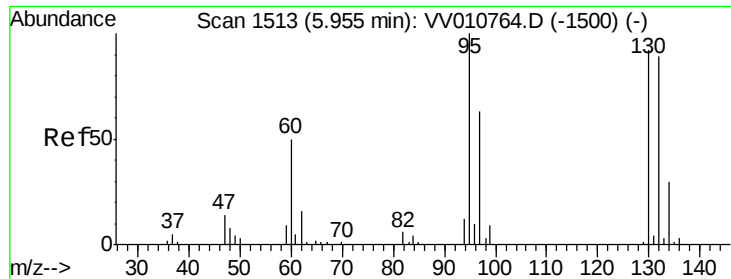
83 100

85 70.5 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV010766.D (-1018) (-)





#35

Trichloroethene

Concen: 2.689 ug/L

RT: 5.66 min Scan# 1420

Delta R.T. -0.30 min

Lab File: VV010766.D

Acq: 09 May 2019 14:19

Instrument :

MSVOA_V

ClientSampleId :

BFHL1

Tgt Ion: 95 Resp: 2548

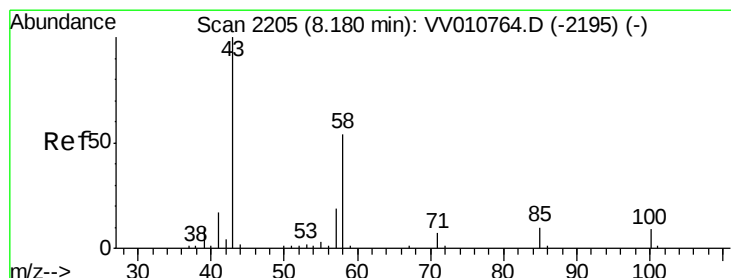
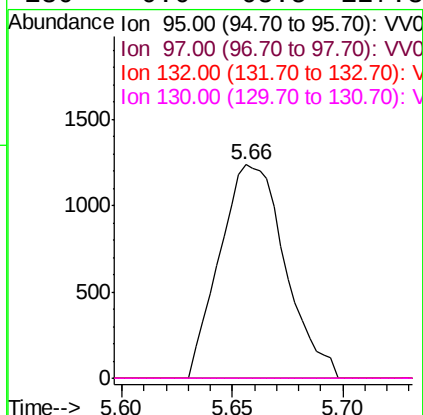
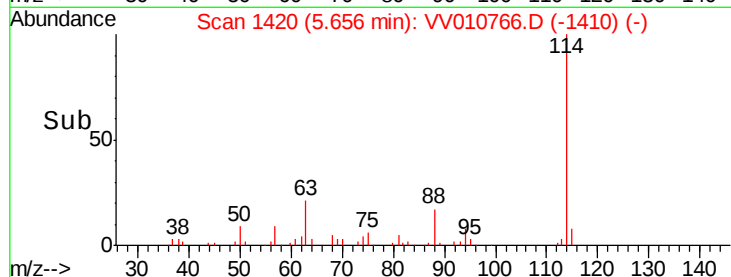
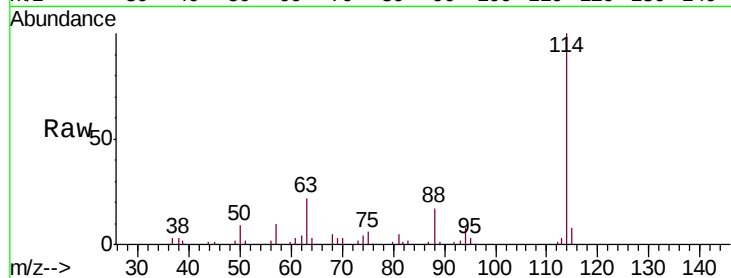
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#



#49

2-Hexanone

Concen: 2.902 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. -0.01 min

Lab File: VV010766.D

Acq: 09 May 2019 14:19

Tgt Ion: 43 Resp: 1671

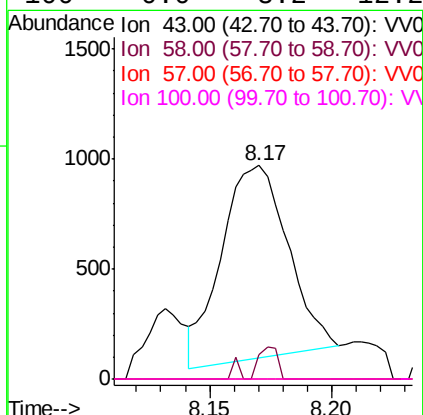
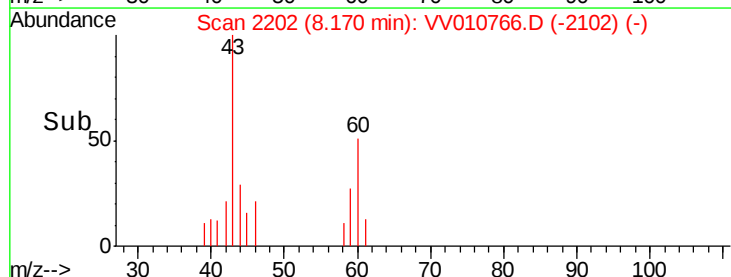
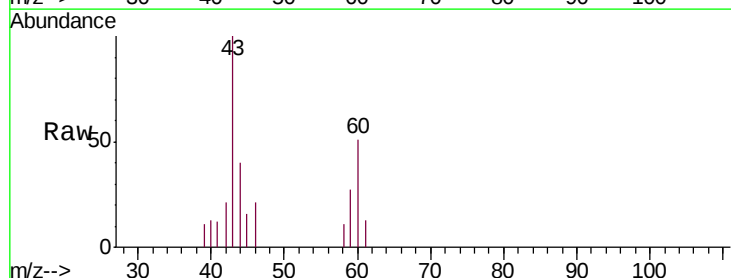
Ion Ratio Lower Upper

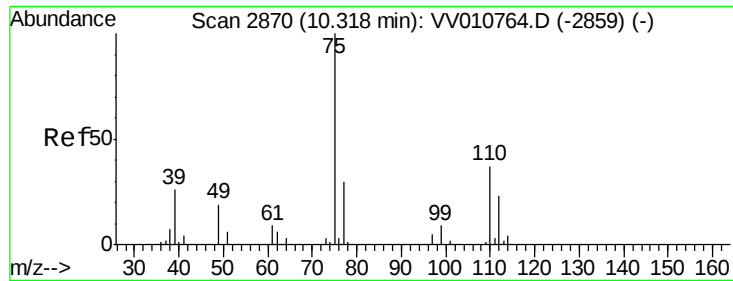
43 100

58 4.5 39.4 59.0#

57 0.0 14.2 21.4#

100 0.0 8.2 12.2#

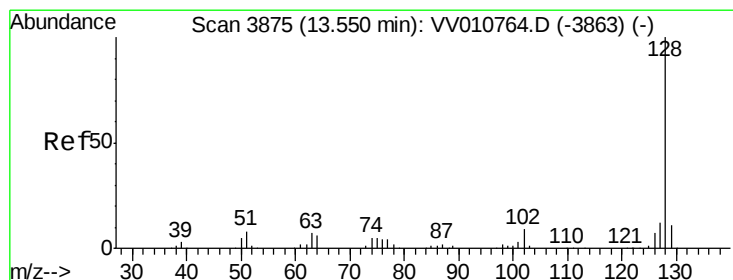
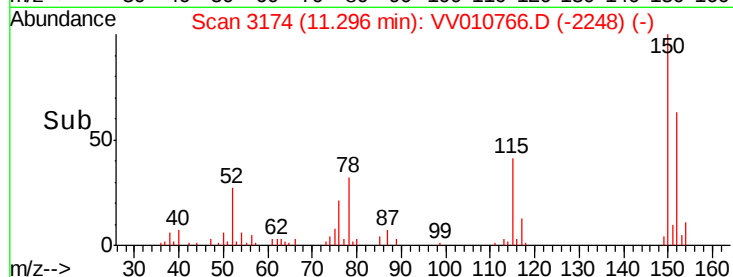
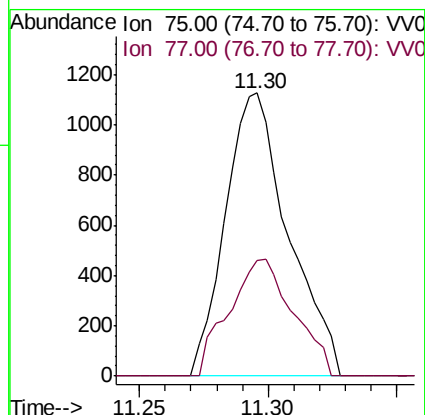
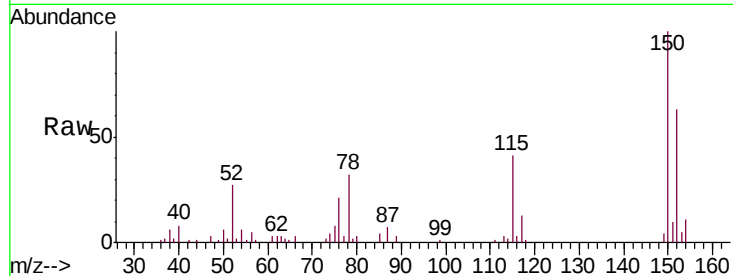




#59
 1,2,3-Trichloropropane
 Concen: 2.532 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010766.D
 Acq: 09 May 2019 14:19

Instrument :
 MSVOA_V
 ClientSampled :
 BFHL1

Tgt Ion: 75 Resp: 1914
 Ion Ratio Lower Upper
 75 100
 77 42.3 25.0 37.6#



#69
 Naphthalene
 Concen: 1.299 ug/L
 RT: 13.55 min Scan# 3875
 Delta R.T. -0.00 min
 Lab File: VV010766.D
 Acq: 09 May 2019 14:19

Tgt Ion: 128 Resp: 1616
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.3 12.5#
 127 5.0 10.8 16.2#

