

Data File : VV010083.D
Acq On : 03 Apr 2019 02:45
Operator : SY/MD
Sample : K2148-21
Misc : 5.15G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5H1

Quant Time: Apr 03 06:52:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	193732	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	164115	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47483	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	38107	14.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.76%
7) Chloroethane-d5	1.57	69	82190	25.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.04%
10) 1,1-Dichloroethene-d2	2.12	63	59377	9.08	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	36.32%#
20) 2-Butanone-d5	4.24	46	145	0.20	ug/L	0.30
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.40%#
24) Chloroform-d	4.40	84	129717	26.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.32%
26) 1,2-Dichloroethane-d4	5.08	65	81431	29.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.28%
29) Benzene-d6	5.09	84	253405	29.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.08%
33) 1,2-Dichloropropane-d6	6.11	67	79856	31.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.16%#
37) Toluene-d8	7.36	98	206338	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.64%
38) trans-1,3-Dichloropropene-	7.66	79	19239	17.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.68%
39) 2-Hexanone-d5	8.14	63	7610	15.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	30.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58170	23.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	47628	25.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.00%

Target Compounds

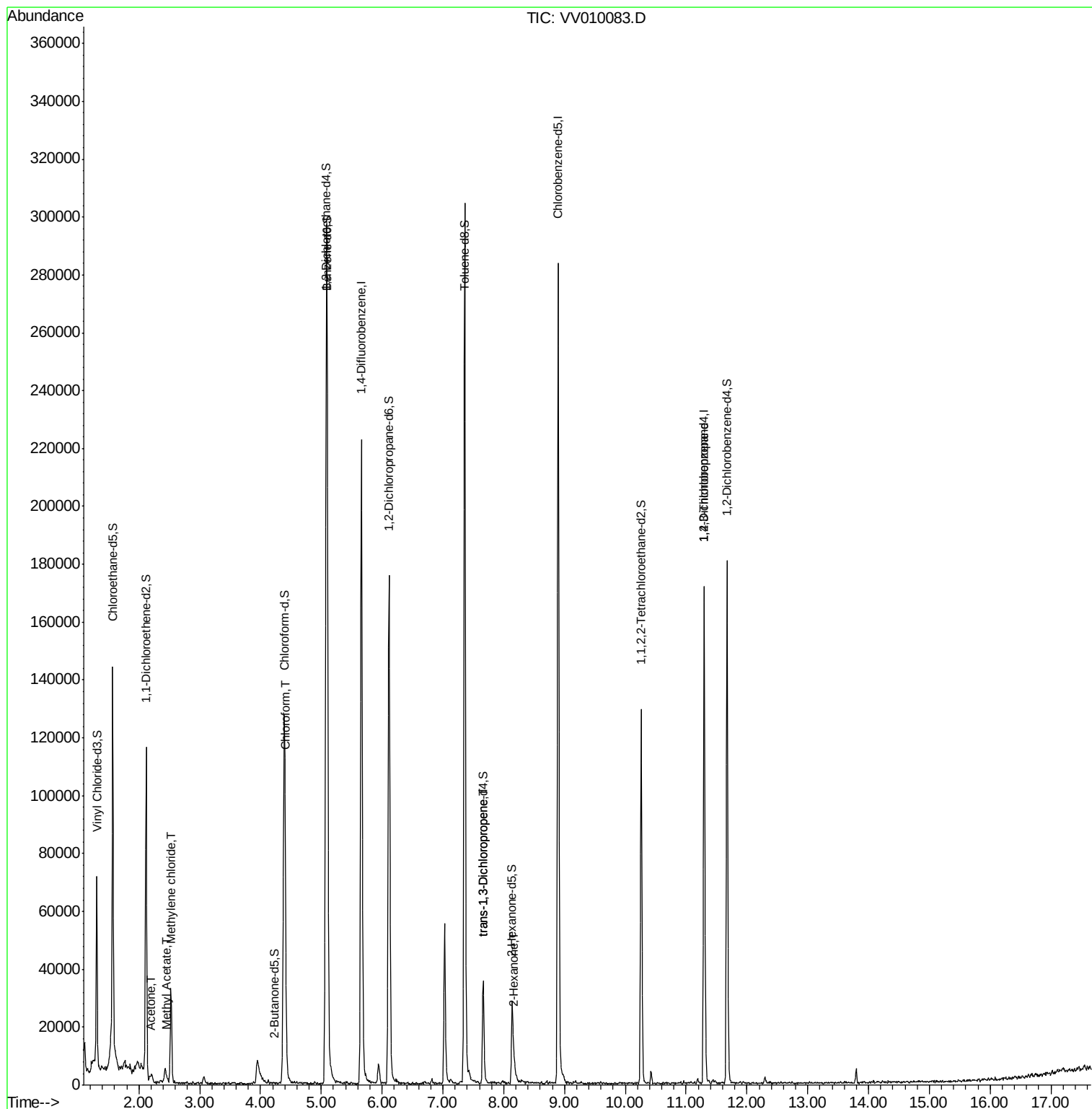
					Qvalue
13) Acetone	2.19	43	2911	3.989 ug/L	61
15) Methyl Acetate	2.46	43	710	0.608 ug/L #	70
16) Methylene chloride	2.53	84	14047	4.127 ug/L	92
25) Chloroform	4.42	83	2699	0.613 ug/L #	23
45) trans-1,3-Dichloropropene	7.66	75	1150	0.461 ug/L	91
49) 2-Hexanone	8.17	43	2837	2.647 ug/L #	42
59) 1,2,3-Trichloropropane	11.30	75	5770	3.484 ug/L #	82

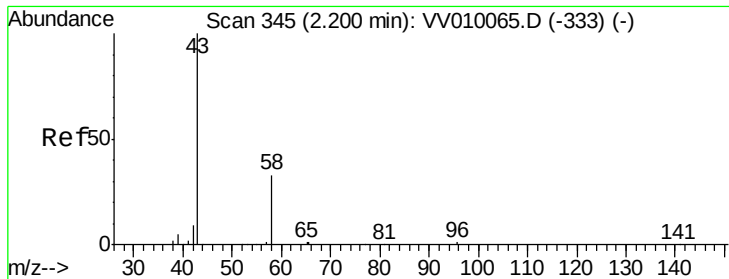
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.989 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

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Acq: 03 Apr 2019 02:45

Instrument :

MSVOA_V

ClientSampled :

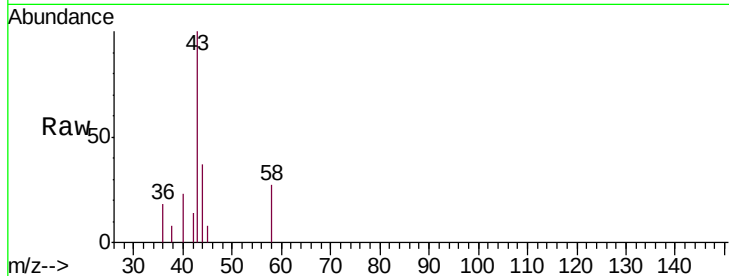
BF5H1

Tgt Ion: 43 Resp: 2911

Ion Ratio Lower Upper

43 100

58 10.2 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010065.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV010065.D (-333) (-)

1500

1000

500

0

Time-->

2.15 2.20 2.25

2.19

2.19

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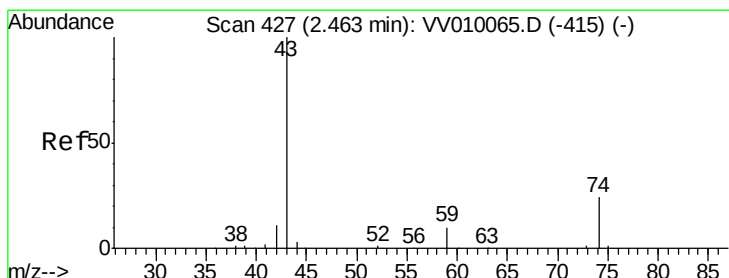
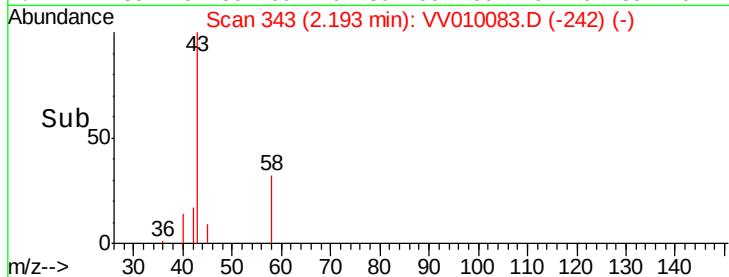
2.19

2.19

2.19

2.19

2.19



#15

Methyl Acetate

Concen: 0.608 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.00 min

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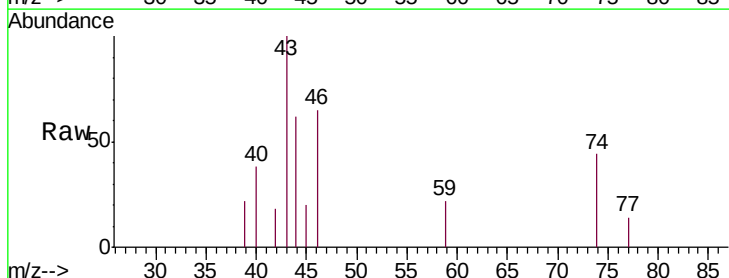
Acq: 03 Apr 2019 02:45

Tgt Ion: 43 Resp: 710

Ion Ratio Lower Upper

43 100

74 39.9 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): VV010065.D (-415) (-)

Ion 74.00 (73.70 to 74.70): VV010065.D (-415) (-)

800

600

400

200

0

Time-->

2.44 2.46 2.48

2.46

2.46

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2.46

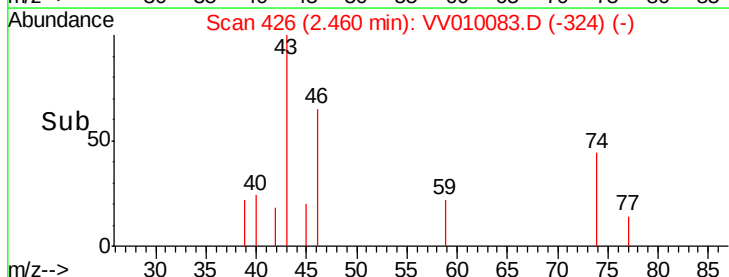
2.46

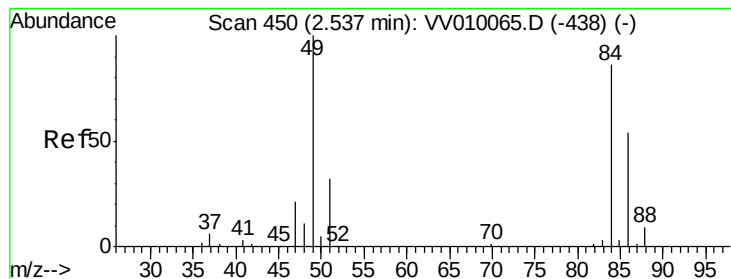
2.46

2.46

2.46

2.46





#16

Methylene chloride

Concen: 4.127 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

BF5H1

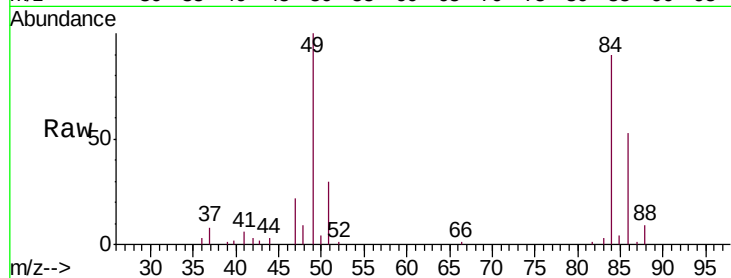
Tgt Ion: 84 Resp: 14047

Ion Ratio Lower Upper

84 100

49 110.9 84.3 156.5

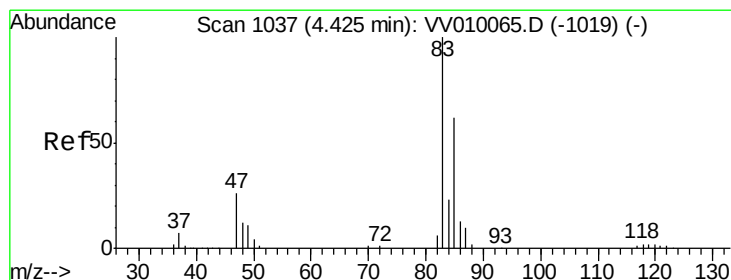
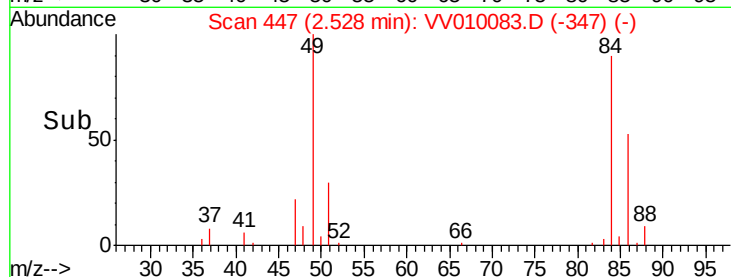
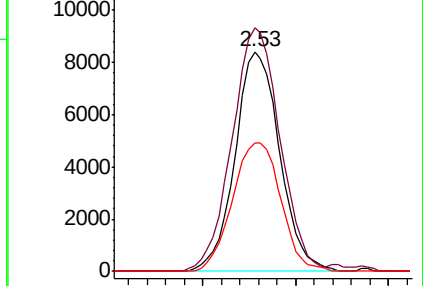
86 58.3 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0



#25

Chloroform

Concen: 0.613 ug/L

RT: 4.42 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VV010083.D

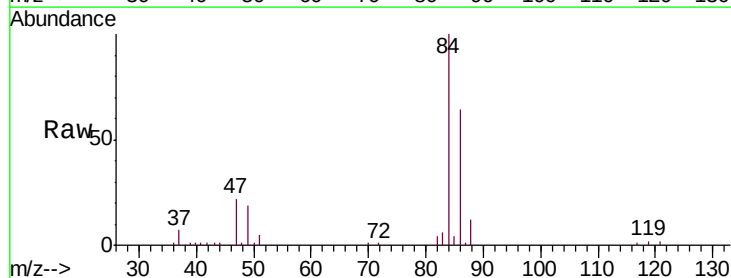
Acq: 03 Apr 2019 02:45

Tgt Ion: 83 Resp: 2699

Ion Ratio Lower Upper

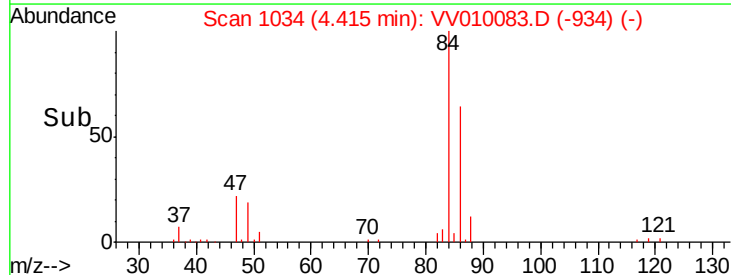
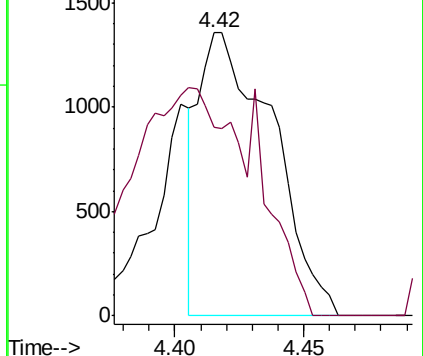
83 100

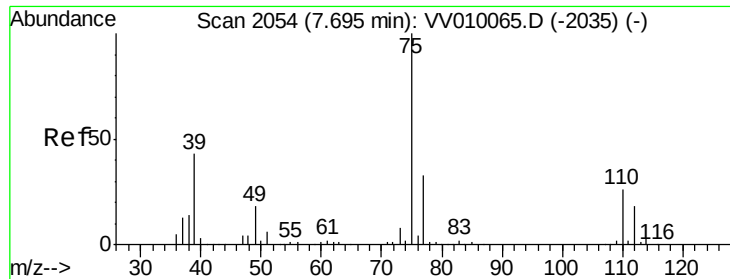
85 5.2 46.4 86.2#



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#45

trans-1,3-Dichloropropene

Concen: 0.461 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV010083.D

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Instrument :

MSVOA_V

ClientSampleId :

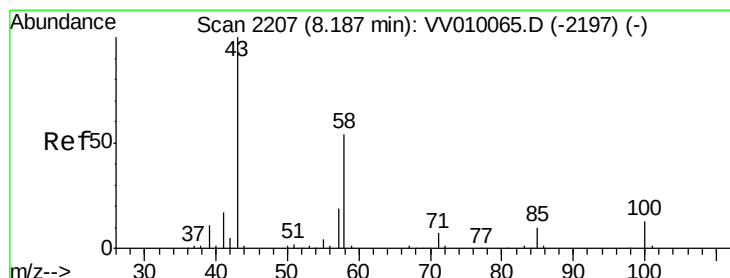
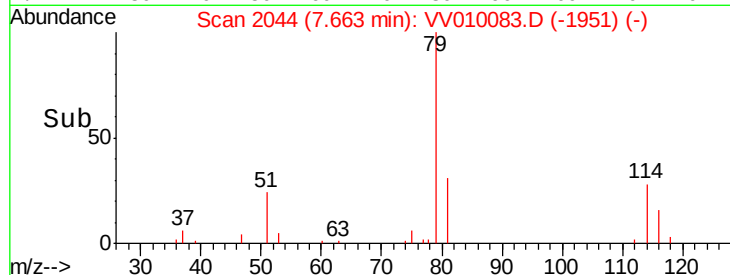
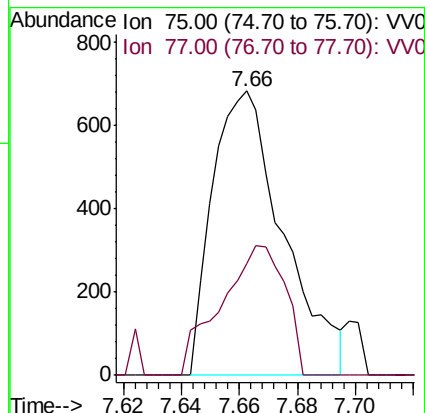
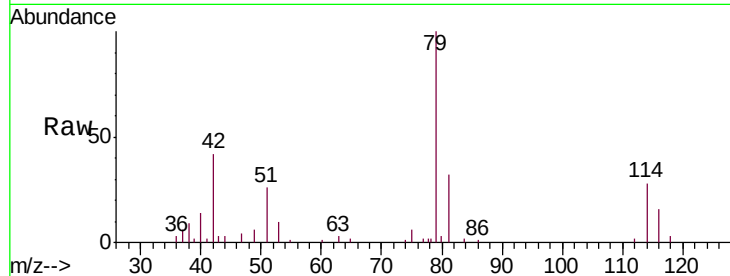
BF5H1

Tgt Ion: 75 Resp: 1150

Ion Ratio Lower Upper

75 100

77 38.9 23.5 43.7



#49

2-Hexanone

Concen: 2.647 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. -0.01 min

Lab File: VV010083.D

Acq: 03 Apr 2019 02:45

Tgt Ion: 43 Resp: 2837

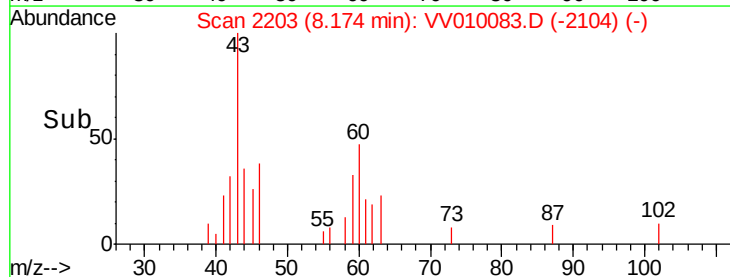
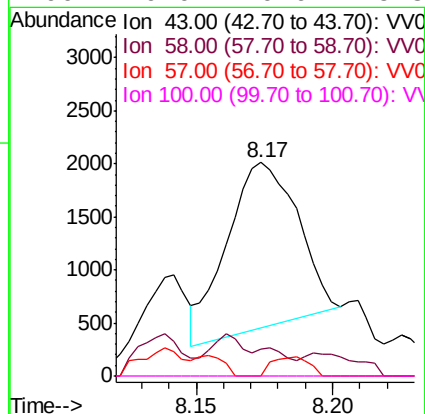
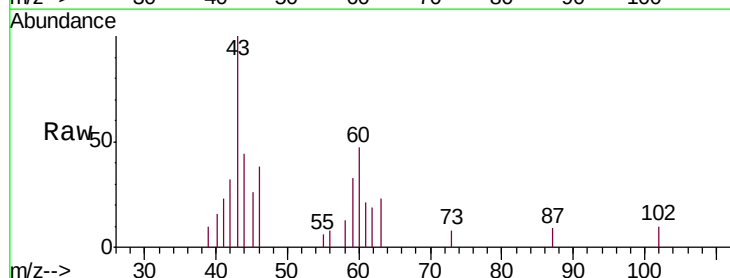
Ion Ratio Lower Upper

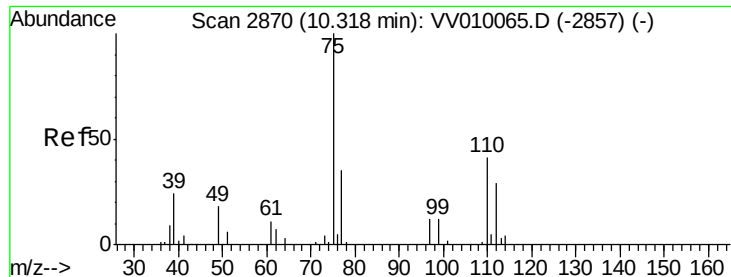
43 100

58 4.4 44.3 66.5#

57 0.0 13.8 20.8#

100 0.0 10.6 15.8#





#59

1,2,3-Trichloropropane

Concen: 3.484 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010083.D

Acq: 03 Apr 2019 02:45

Instrument :

MSVOA_V

ClientSampleId :

BF5H1

Tgt Ion: 75 Resp: 5770

Ion Ratio Lower Upper

75 100

77 42.7 25.8 38.8#

