

Data File : VV010003.D
Acq On : 29 Mar 2019 16:02
Operator : SY/MD
Sample : K2120-01
Misc : 4.03G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5C4RE

Quant Time: Mar 30 04:17:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	162402	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	143029	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45449	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73479	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.20%
7) Chloroethane-d5	1.57	69	82581	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.80%
10) 1,1-Dichloroethene-d2	2.13	63	167431	18.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.28%
20) 2-Butanone-d5	3.93	46	23760	38.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.38%
24) Chloroform-d	4.40	84	91203	22.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.16%
26) 1,2-Dichloroethane-d4	5.08	65	63390	25.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.84%
29) Benzene-d6	5.10	84	206615	27.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.04%
33) 1,2-Dichloropropane-d6	6.12	67	62706	28.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.12%
37) Toluene-d8	7.36	98	177627	24.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.92%
38) trans-1,3-Dichloropropene-	7.67	79	17645	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.52%
39) 2-Hexanone-d5	8.13	63	15603	38.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48171	22.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	43206	24.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.88%

Target Compounds

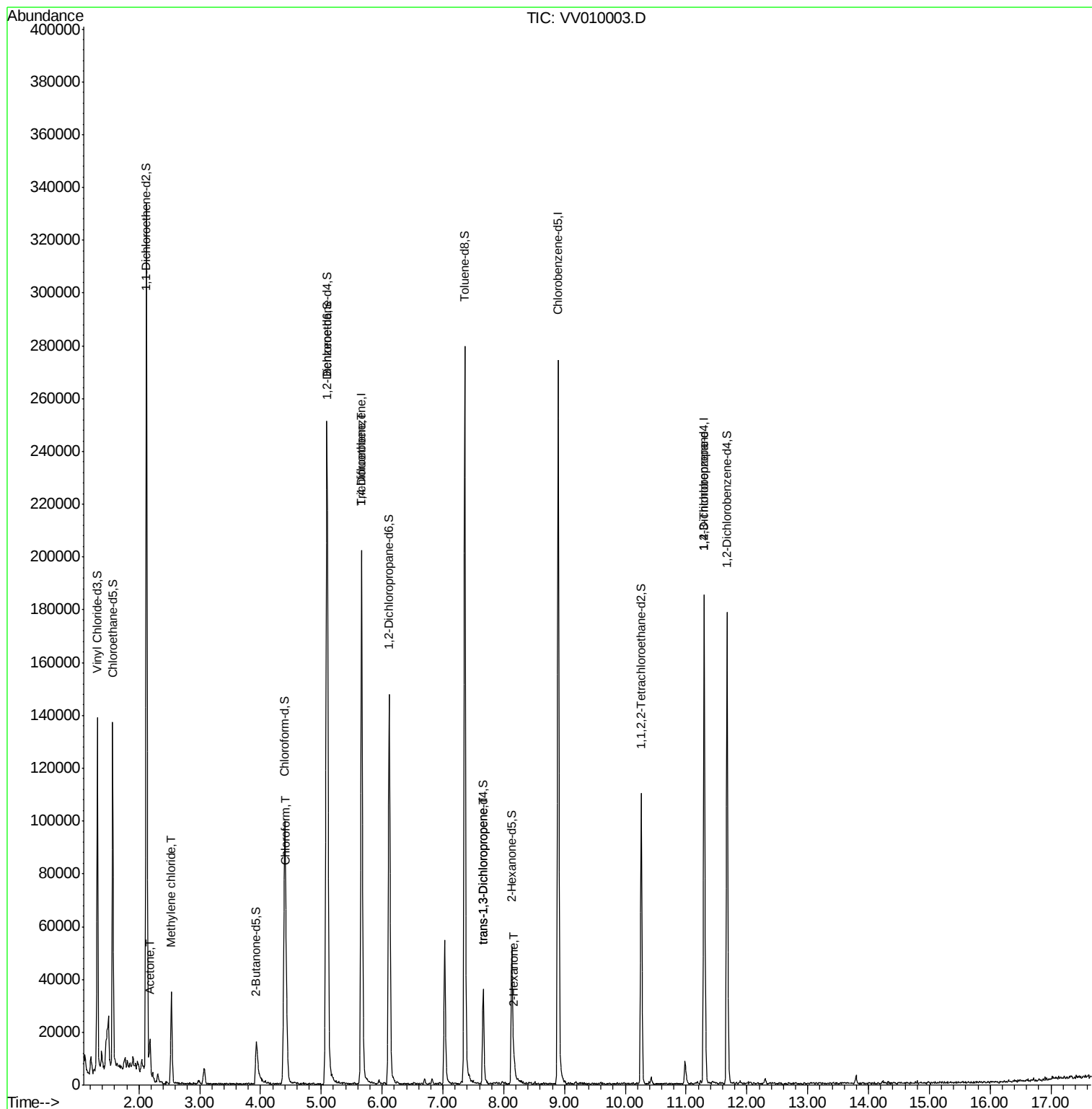
					Qvalue
13) Acetone	2.18	43	10587	11.386 ug/L	94
16) Methylene chloride	2.53	84	13792	5.157 ug/L	90
25) Chloroform	4.43	83	16942	3.938 ug/L	93
35) Trichloroethene	5.66	95	5218	2.519 ug/L #	5
45) trans-1,3-Dichloropropene	7.66	75	1115	0.476 ug/L	89
49) 2-Hexanone	8.17	43	2325	2.456 ug/L #	50
59) 1,2,3-Trichloropropane	11.30	75	7278	4.609 ug/L	90

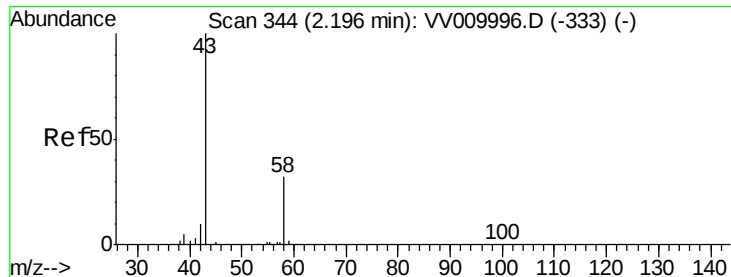
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010003.D
Acq On : 29 Mar 2019 16:02
Operator : SY/MD
Sample : K2120-01
Misc : 4.03G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5C4RE

Quant Time: Mar 30 04:17:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration





#13

Acetone

Concen: 11.386 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV010003.D

Acq: 29 Mar 2019 16:02

Instrument :

MSVOA_V

ClientSampleId :

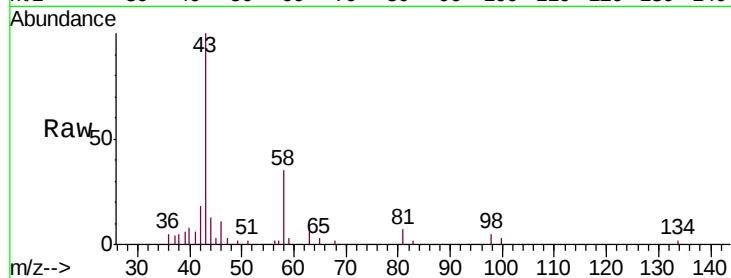
BF5C4RE

Tgt Ion: 43 Resp: 10587

Ion Ratio Lower Upper

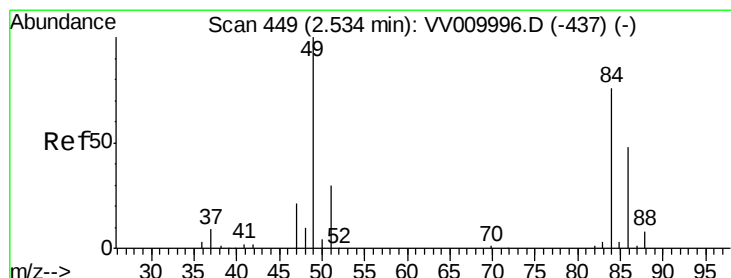
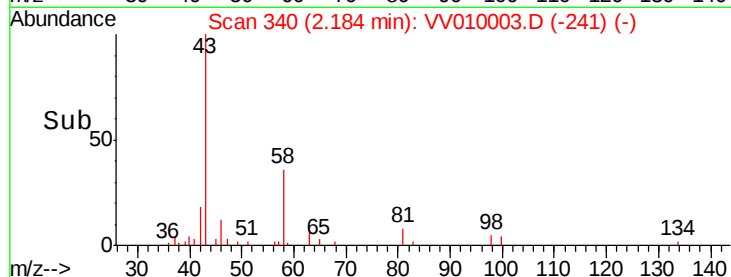
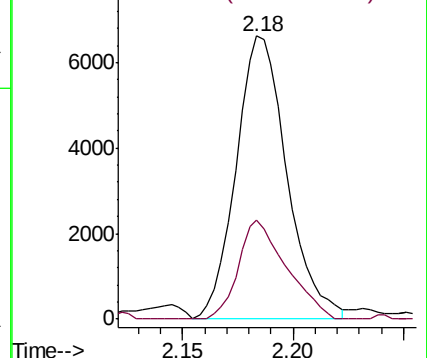
43 100

58 32.9 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 5.157 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV010003.D

Acq: 29 Mar 2019 16:02

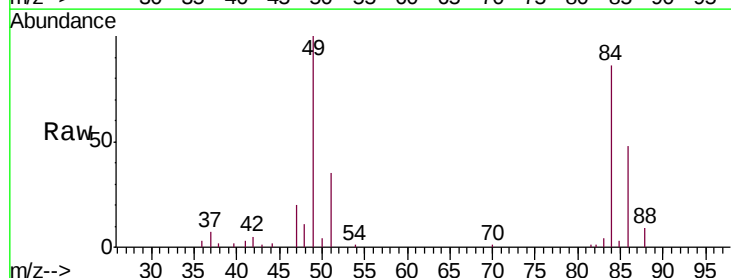
Tgt Ion: 84 Resp: 13792

Ion Ratio Lower Upper

84 100

49 116.1 90.4 167.8

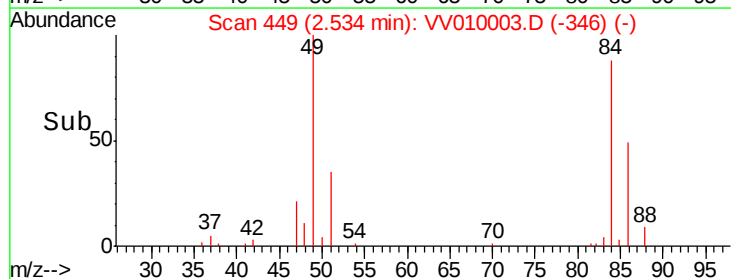
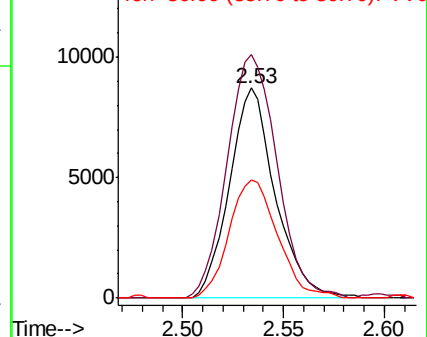
86 56.1 44.0 81.6

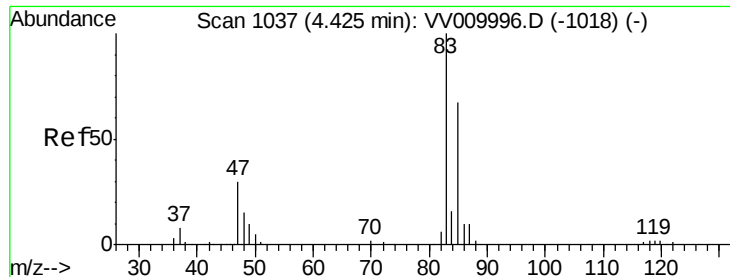


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

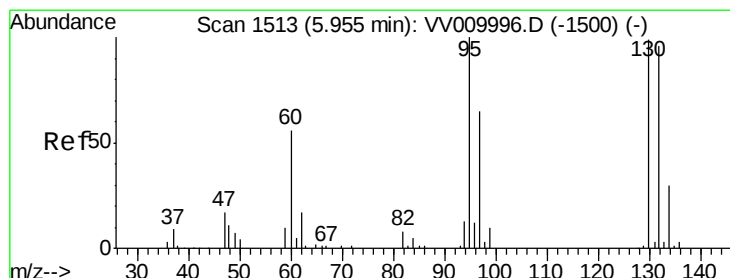
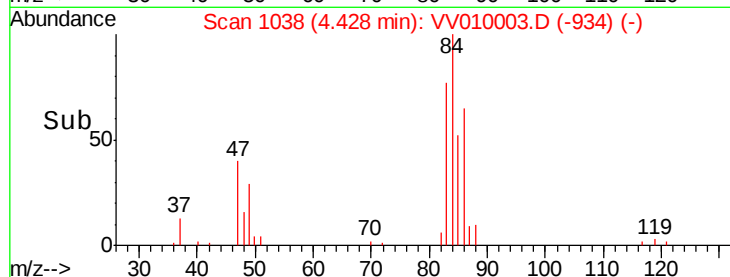
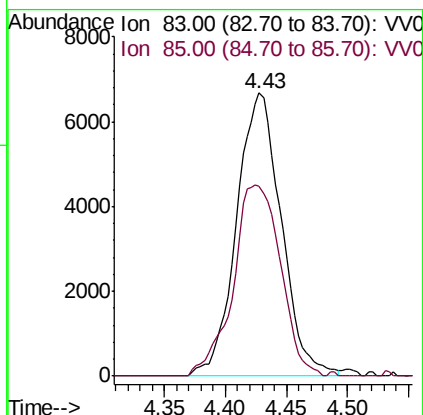
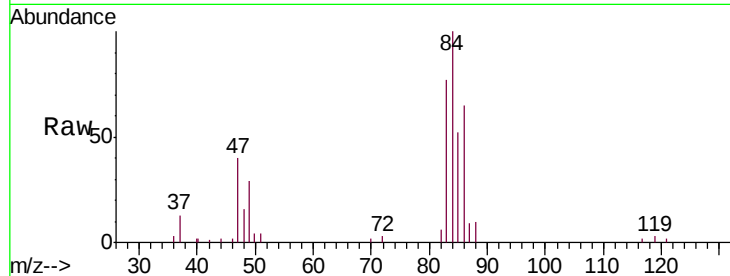




#25
Chloroform
Concen: 3.938 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010003.D
Acq: 29 Mar 2019 16:02

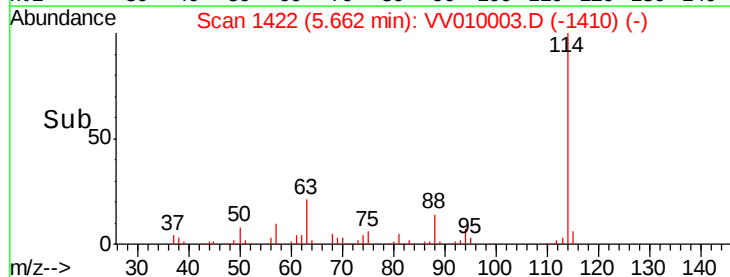
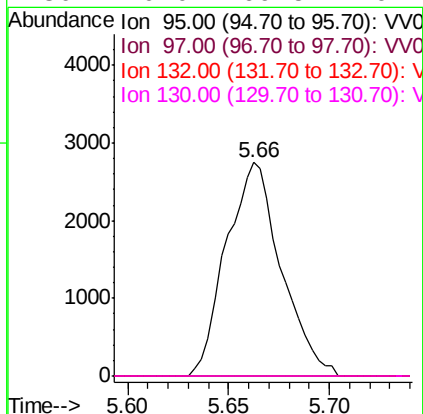
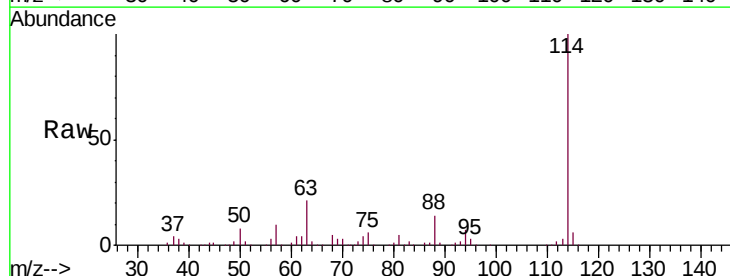
Instrument :
MSVOA_V
ClientSampleId :
BF5C4RE

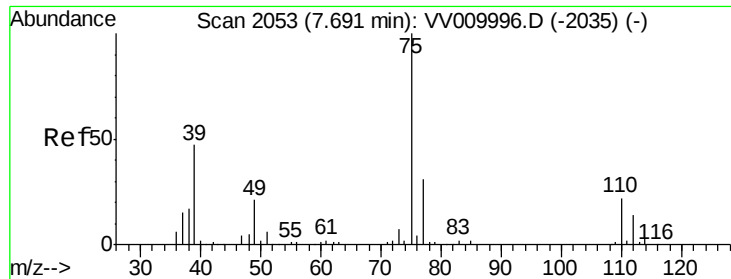
Tgt Ion: 83 Resp: 16942
Ion Ratio Lower Upper
83 100
85 71.7 46.1 85.7



#35
Trichloroethene
Concen: 2.519 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV010003.D
Acq: 29 Mar 2019 16:02

Tgt Ion: 95 Resp: 5218
Ion Ratio Lower Upper
95 100
97 0.0 46.3 85.9#
132 0.0 69.3 128.7#
130 0.0 69.5 129.1#





#45

trans-1,3-Dichloropropene

Concen: 0.476 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV010003.D

Acq: 29 Mar 2019 16:02

Instrument :

MSVOA_V

ClientSampleId :

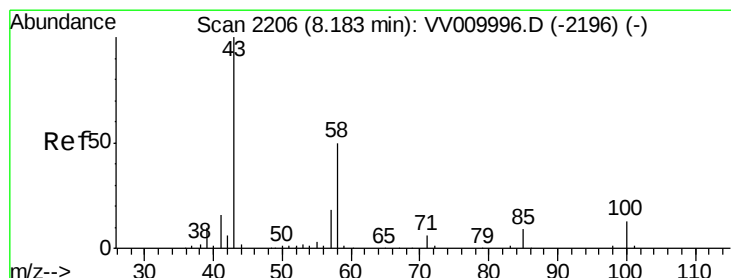
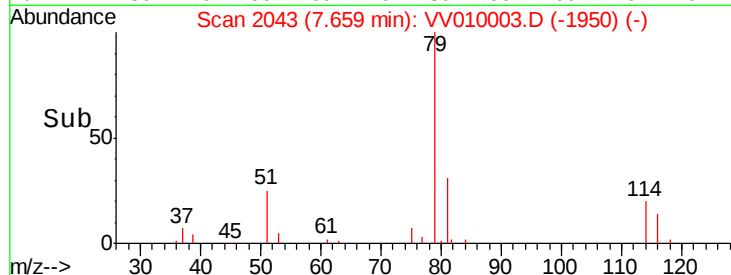
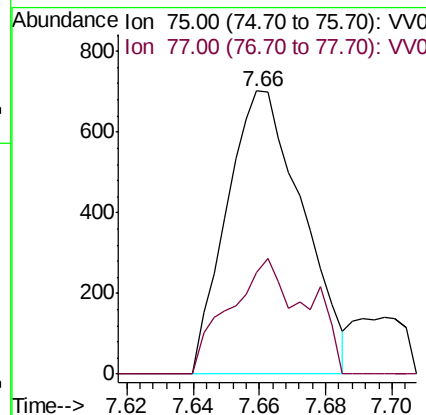
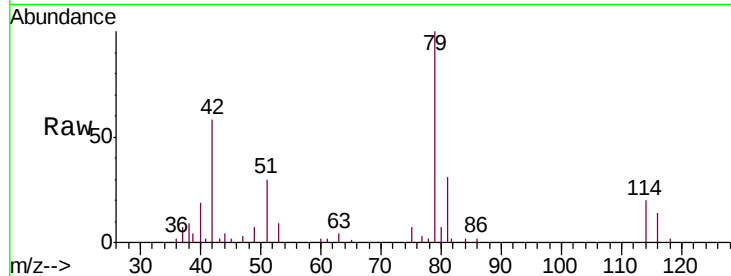
BF5C4RE

Tgt Ion: 75 Resp: 1115

Ion Ratio Lower Upper

75 100

77 35.8 20.7 38.5



#49

2-Hexanone

Concen: 2.456 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. -0.01 min

Lab File: VV010003.D

Acq: 29 Mar 2019 16:02

Tgt Ion: 43 Resp: 2325

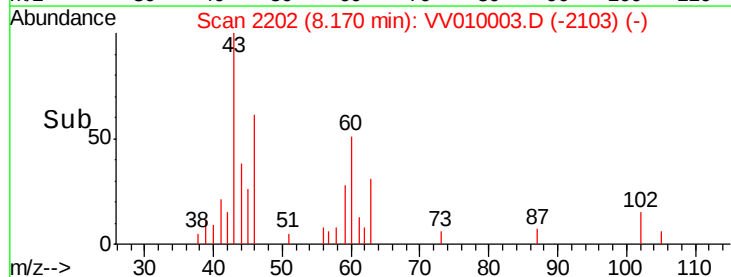
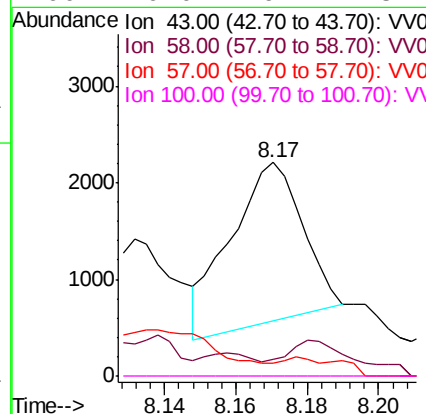
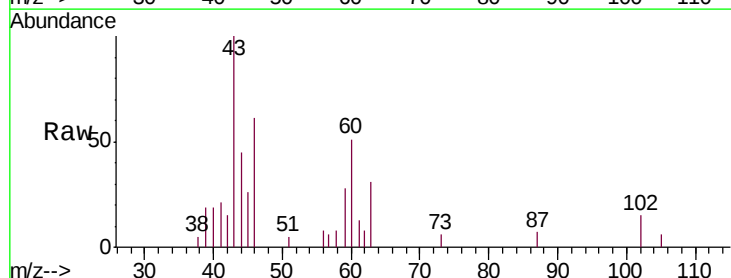
Ion Ratio Lower Upper

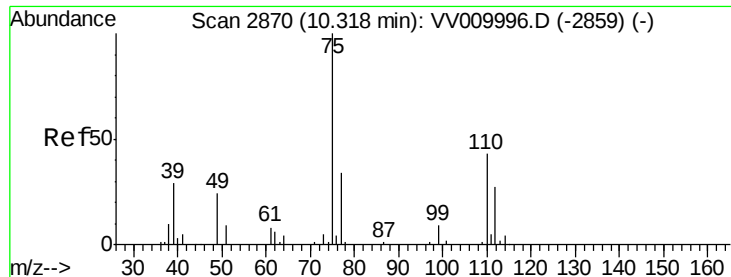
43 100

58 9.9 42.0 63.0#

57 2.2 12.9 19.3#

100 0.0 9.1 13.7#





#59

1,2,3-Trichloropropane

Concen: 4.609 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010003.D

Acq: 29 Mar 2019 16:02

Instrument :

MSVOA_V

ClientSampleId :

BF5C4RE

Tgt Ion: 75 Resp: 7278

Ion Ratio Lower Upper

75 100

77 38.3 26.2 39.2

