

Data File : VV009643.D
Acq On : 13 Mar 2019 18:45
Operator : SY/MD
Sample : K1794-01
Misc : 4.25G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5N3RE

Quant Time: Mar 14 07:40:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 07:37:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	97901	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	79602	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	23509	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	16604	13.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.04%
7) Chloroethane-d5	1.57	69	23860	15.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.80%
10) 1,1-Dichloroethene-d2	2.13	63	40524	11.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.92%
20) 2-Butanone-d5	3.95	46	2222	6.78	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	13.56%#
24) Chloroform-d	4.40	84	60156	24.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.08	65	41229	29.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.76%
29) Benzene-d6	5.10	84	109519	26.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.92%
33) 1,2-Dichloropropane-d6	6.12	67	43539	35.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.72%#
37) Toluene-d8	7.36	98	97587	24.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.60%
38) trans-1,3-Dichloropropene-	7.67	79	4360	7.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	31.12%
39) 2-Hexanone-d5	8.14	63	1766	7.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	15.72%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	30561	26.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	21060	23.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.52%

Target Compounds

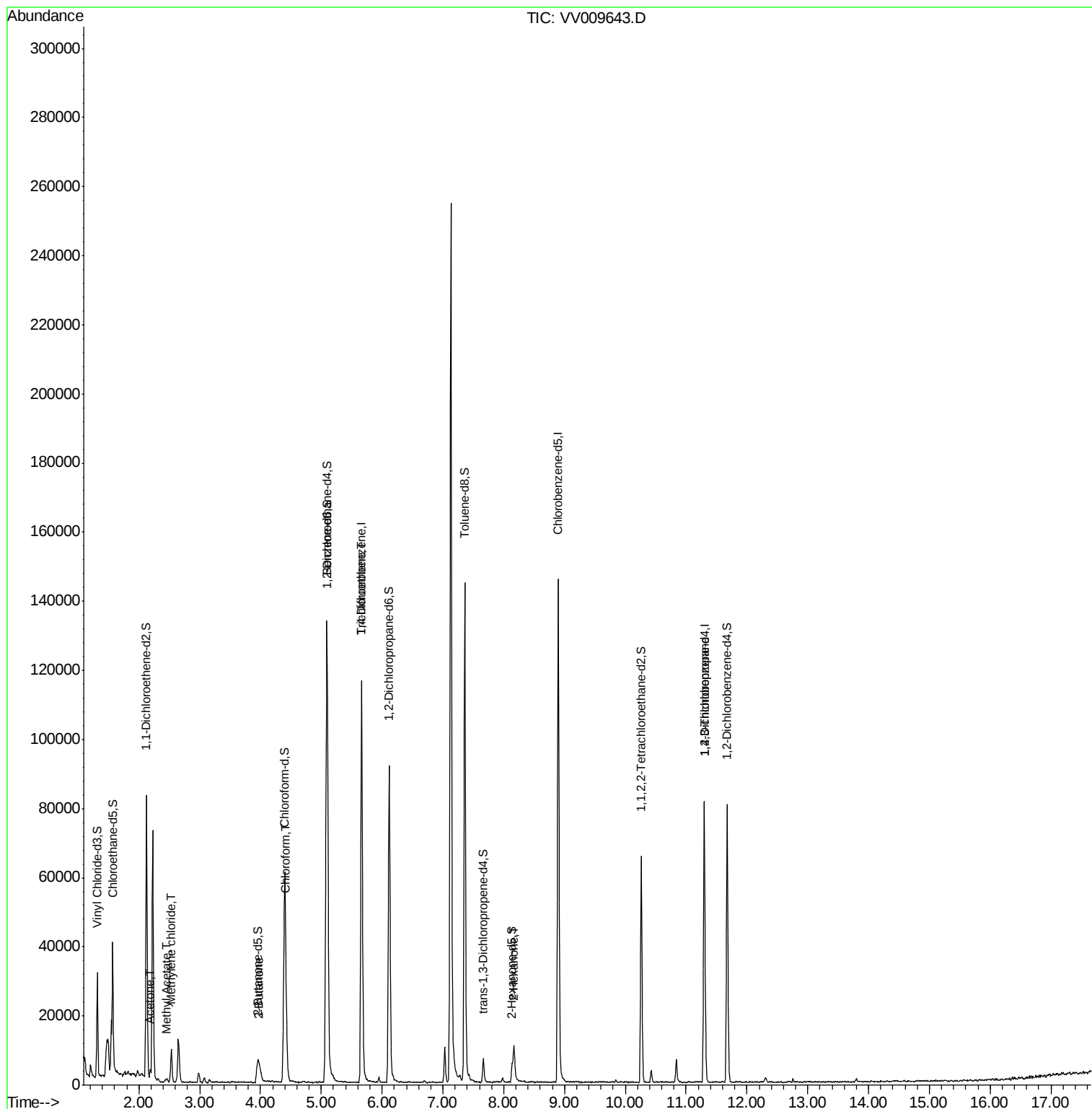
						Qvalue
13) Acetone	2.19	43	2548	6.446	ug/L	97
15) Methyl Acetate	2.46	43	1205	2.089	ug/L #	51
16) Methylene chloride	2.53	84	3291	2.309	ug/L	92
21) 2-Butanone	3.98	43	2043	4.186	ug/L #	46
25) Chloroform	4.42	83	6323	2.486	ug/L	86
35) Trichloroethene	5.66	95	2989	2.385	ug/L #	6
49) 2-Hexanone	8.17	43	7645	13.578	ug/L #	46
59) 1,2,3-Trichloropropane	11.30	75	3217	3.773	ug/L #	85

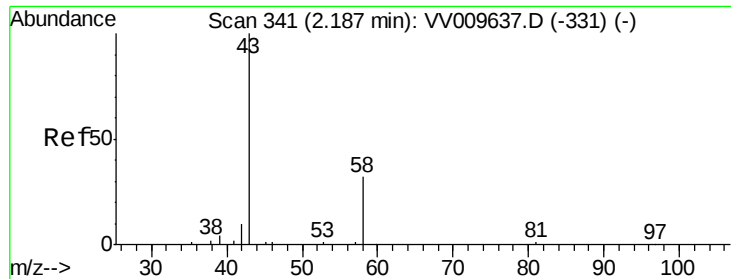
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.446 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV009643.D

Acq: 13 Mar 2019 18:45

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MSVOA_V

ClientSampleId :

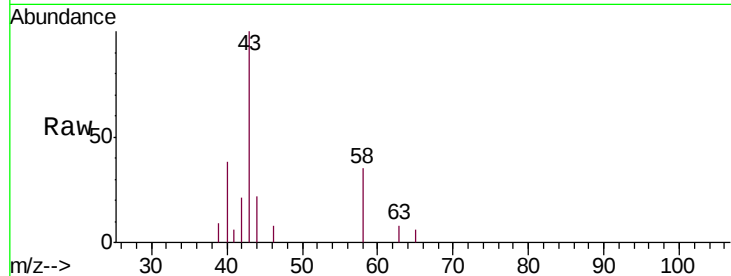
BF5N3RE

Tgt Ion: 43 Resp: 2548

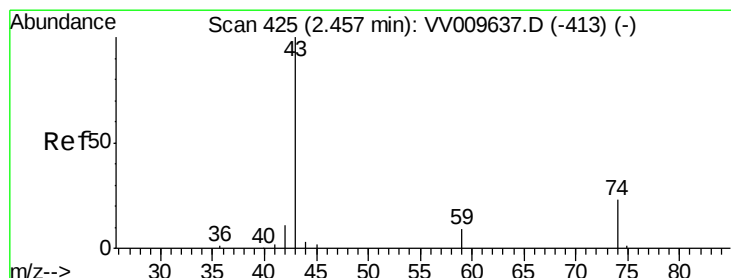
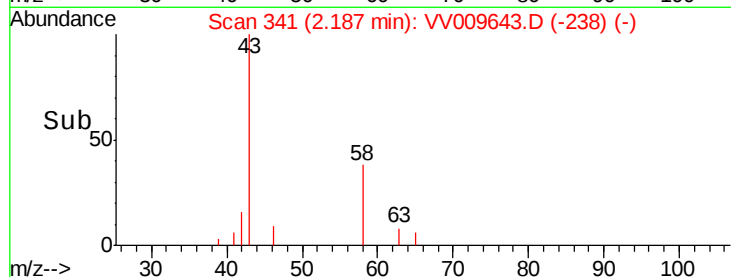
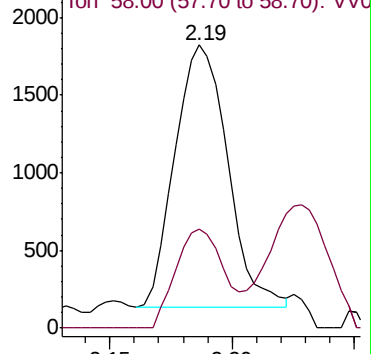
Ion Ratio Lower Upper

43 100

58 34.3 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VV009643.D (-238) (-)



#15

Methyl Acetate

Concen: 2.089 ug/L

RT: 2.46 min Scan# 425

Delta R.T. 0.00 min

Lab File: VV009643.D

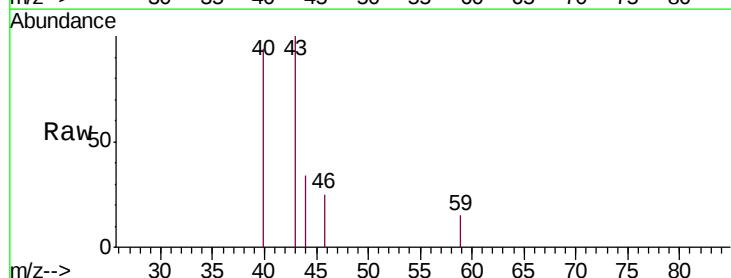
Acq: 13 Mar 2019 18:45

Tgt Ion: 43 Resp: 1205

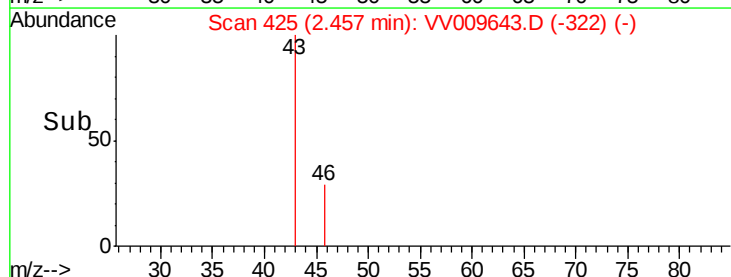
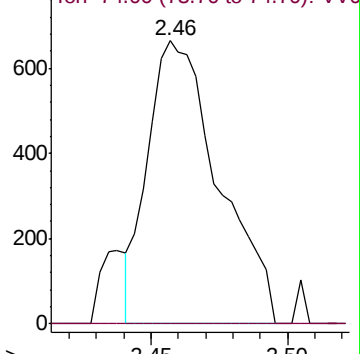
Ion Ratio Lower Upper

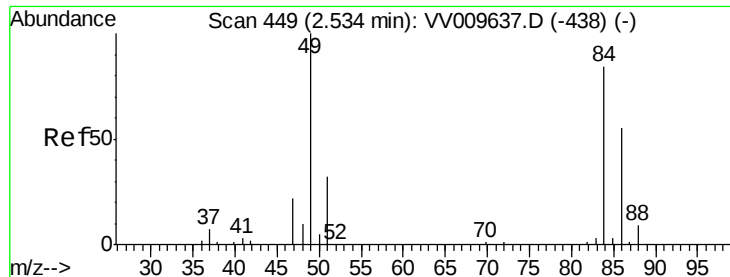
43 100

74 0.0 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VV009643.D (-322) (-)

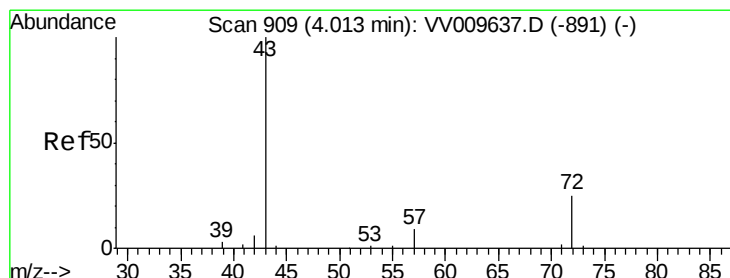
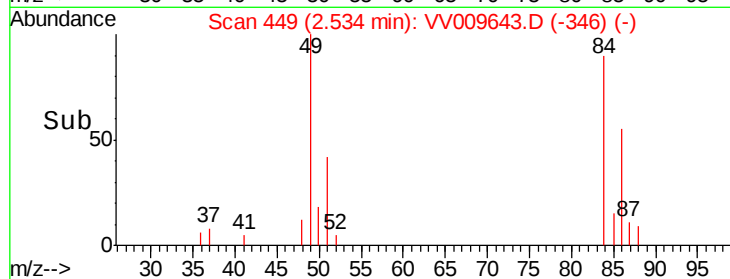
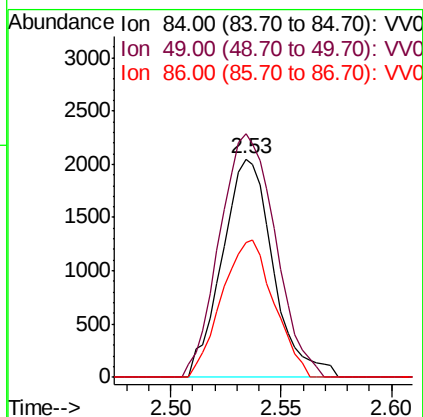
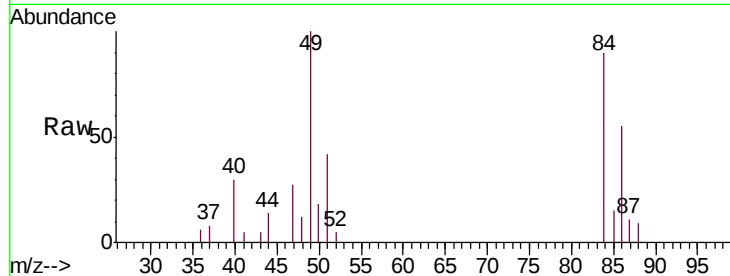




#16
Methylene chloride
Concen: 2.309 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009643.D
Acq: 13 Mar 2019 18:45

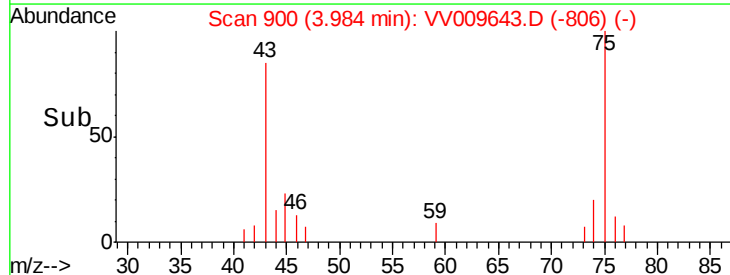
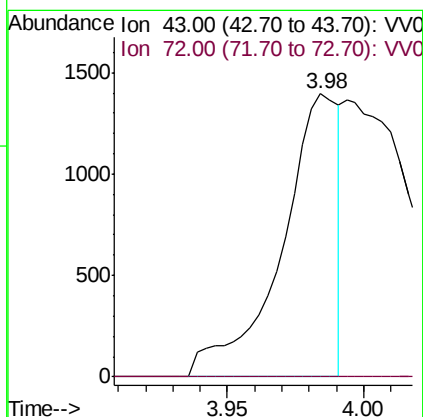
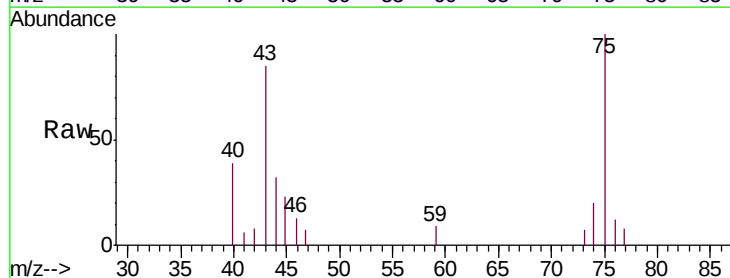
Instrument :
MSVOA_V
ClientSampleId :
BF5N3RE

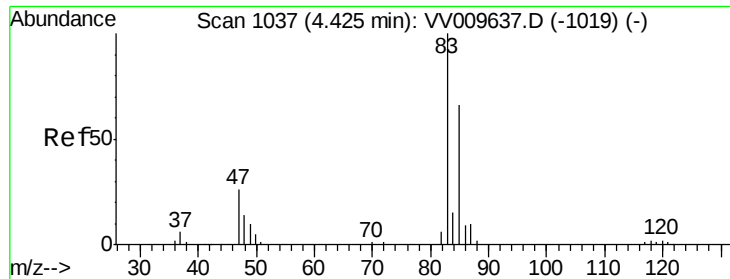
Tgt Ion: 84 Resp: 3291
Ion Ratio Lower Upper
84 100
49 111.6 86.1 159.9
86 61.8 45.2 84.0



#21
2-Butanone
Concen: 4.186 ug/L
RT: 3.98 min Scan# 900
Delta R.T. -0.03 min
Lab File: VV009643.D
Acq: 13 Mar 2019 18:45

Tgt Ion: 43 Resp: 2043
Ion Ratio Lower Upper
43 100
72 0.0 14.5 43.5#

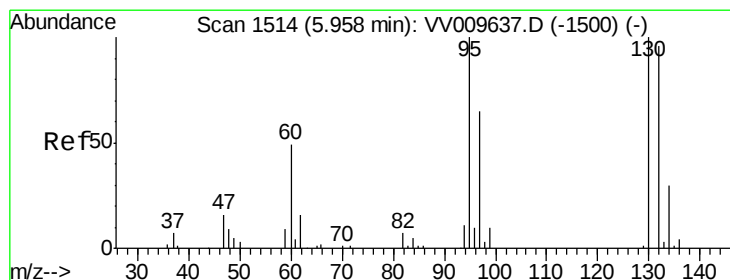
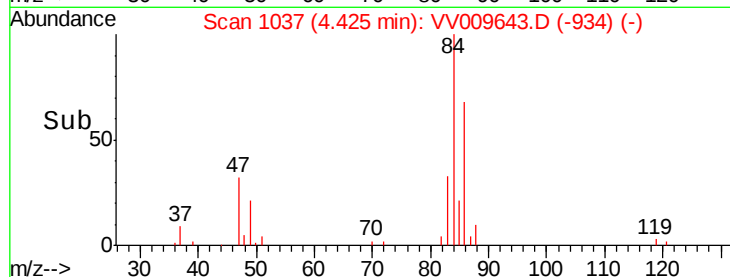
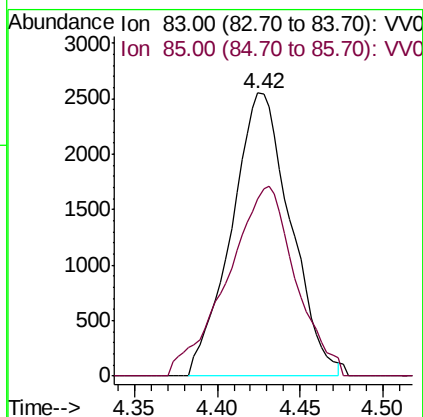
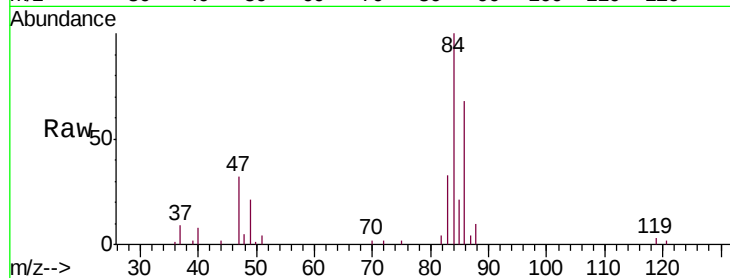




#25
Chloroform
Concen: 2.486 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009643.D
Acq: 13 Mar 2019 18:45

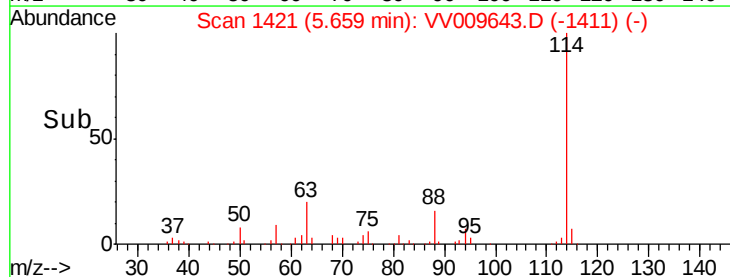
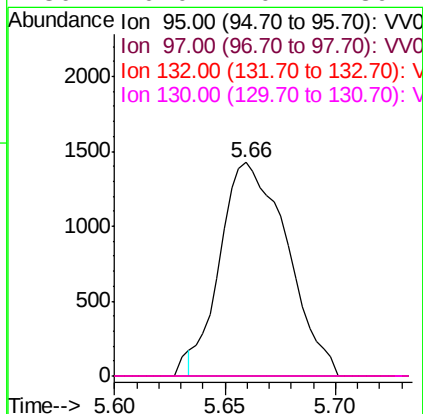
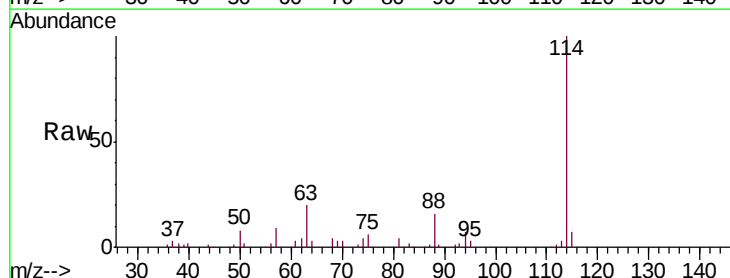
Instrument :
MSVOA_V
ClientSampleId :
BF5N3RE

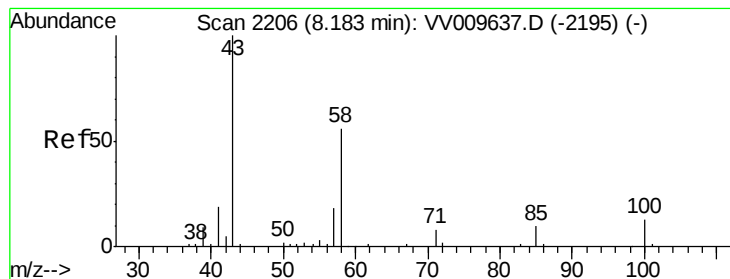
Tgt Ion: 83 Resp: 6323
Ion Ratio Lower Upper
83 100
85 77.3 46.4 86.2



#35
Trichloroethene
Concen: 2.385 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV009643.D
Acq: 13 Mar 2019 18:45

Tgt Ion: 95 Resp: 2989
Ion Ratio Lower Upper
95 100
97 0.0 44.9 83.5#
132 2.2 66.4 123.2#
130 0.0 70.2 130.4#





#49

2-Hexanone

Concen: 13.578 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. -0.01 min

Lab File: VV009643.D

Acq: 13 Mar 2019 18:45

Instrument :

MSVOA_V

ClientSampleId :

BF5N3RE

Tgt Ion: 43 Resp: 7645

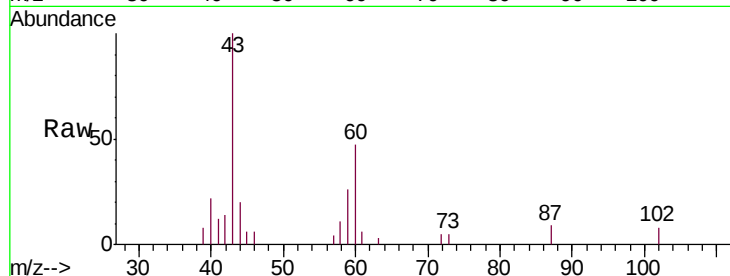
Ion Ratio Lower Upper

43 100

58 8.6 44.9 67.3#

57 1.6 14.5 21.7#

100 0.0 9.3 13.9#



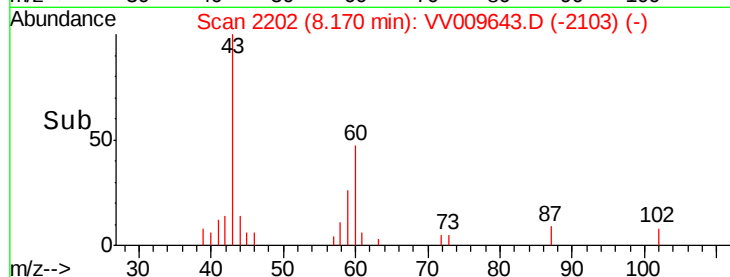
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

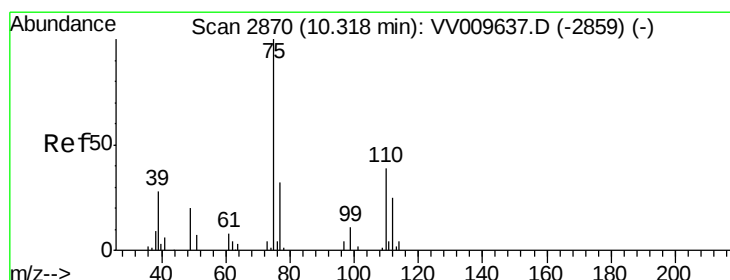
Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

Time-->



Time-->



#59

1,2,3-Trichloropropane

Concen: 3.773 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009643.D

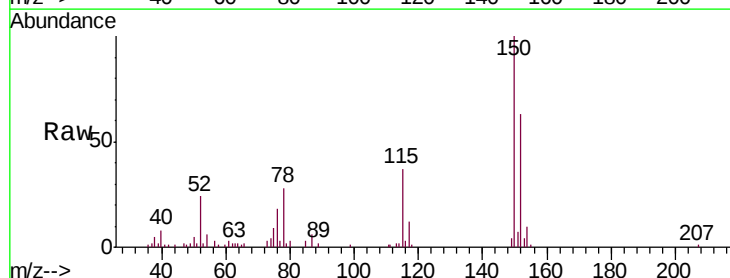
Acq: 13 Mar 2019 18:45

Tgt Ion: 75 Resp: 3217

Ion Ratio Lower Upper

75 100

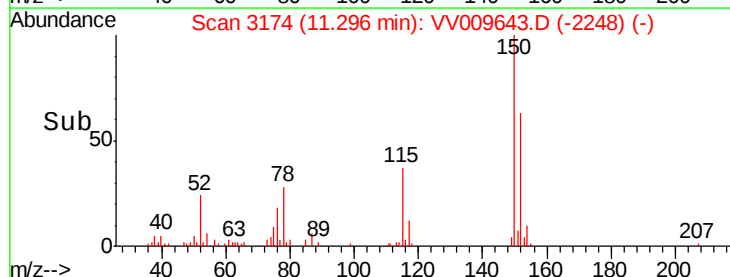
77 40.2 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

Time-->



Time-->