

Data File : VV009645.D
Acq On : 13 Mar 2019 19:38
Operator : SY/MD
Sample : K1794-07
Misc : 5.78G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5N7RE

Quant Time: Mar 14 07:41:10 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	112706	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	88943	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28954	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24057	16.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.76%
7) Chloroethane-d5	1.57	69	31327	17.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.48%
10) 1,1-Dichloroethene-d2	2.12	63	53712	13.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.16%
20) 2-Butanone-d5	3.94	46	8058	21.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.70%
24) Chloroform-d	4.40	84	70148	24.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.64%
26) 1,2-Dichloroethane-d4	5.08	65	49637	30.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.12%
29) Benzene-d6	5.10	84	120418	25.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.24%
33) 1,2-Dichloropropane-d6	6.12	67	49320	36.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	144.72%#
37) Toluene-d8	7.36	98	99374	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.04%
38) trans-1,3-Dichloropropene-	7.67	79	8549	13.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.60%
39) 2-Hexanone-d5	8.14	63	4004	15.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.90%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	38094	29.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.04%
61) 1,2-Dichlorobenzene-d4	11.68	152	28100	25.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.20%

Target Compounds

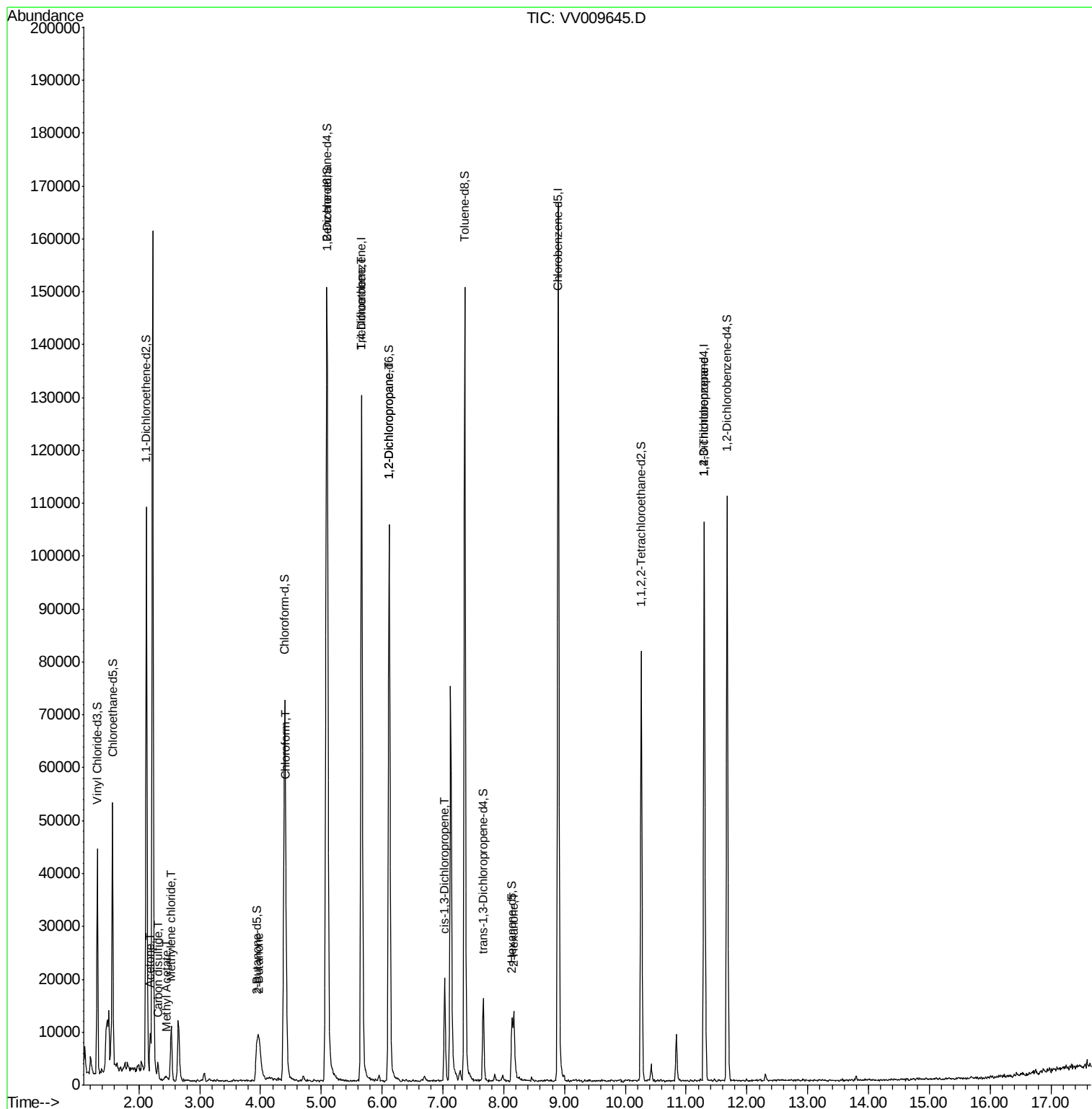
						Qvalue
13) Acetone	2.19	43	7851	17.253	ug/L	98
14) Carbon disulfide	2.31	76	2518	0.595	ug/L #	91
15) Methyl Acetate	2.46	43	541	0.815	ug/L #	51
16) Methylene chloride	2.53	84	3215	1.959	ug/L	90
21) 2-Butanone	3.99	43	8314	14.799	ug/L #	51
25) Chloroform	4.42	83	5821	1.988	ug/L	83
35) Trichloroethene	5.67	95	3375	2.411	ug/L #	6
40) 1,2-Dichloropropane	6.12	63	5707	4.659	ug/L #	88
42) cis-1,3-Dichloropropene	7.03	75	523	0.281	ug/L #	37
49) 2-Hexanone	8.17	43	7672	12.195	ug/L #	39
59) 1,2,3-Trichloropropane	11.30	75	4001	4.199	ug/L #	87

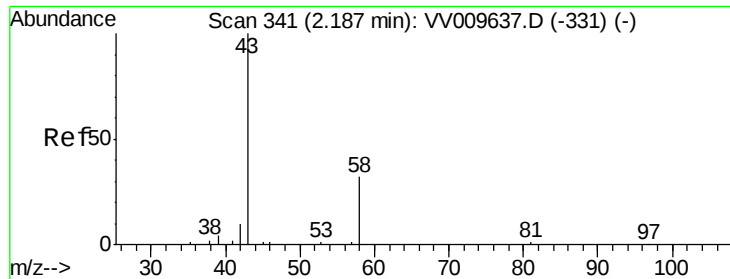
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 17.253 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV009645.D

Acq: 13 Mar 2019 19:38

Instrument :

MSVOA_V

ClientSampled :

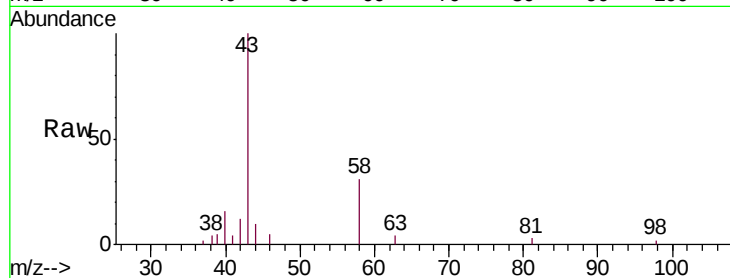
BF5N7RE

Tgt Ion: 43 Resp: 7851

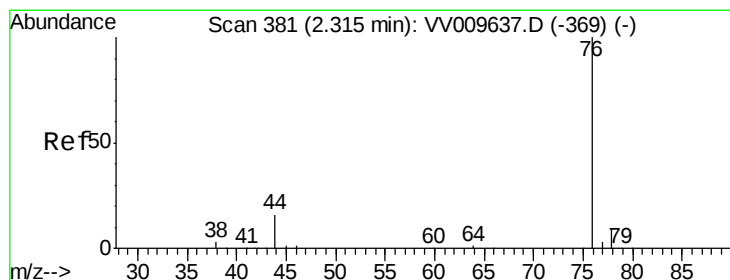
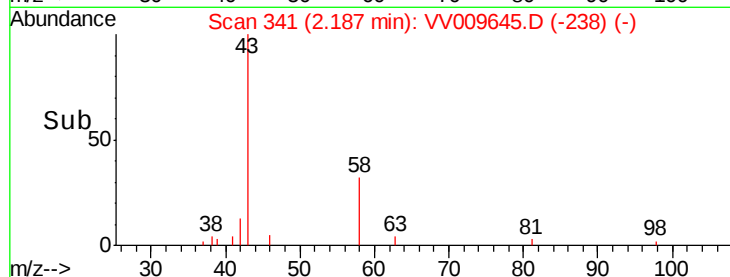
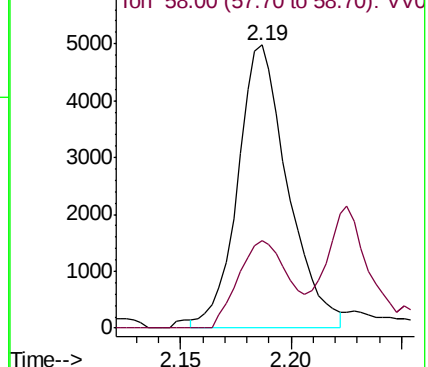
Ion Ratio Lower Upper

43 100

58 31.0 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VV009645.D (-238) (-)



#14

Carbon disulfide

Concen: 0.595 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV009645.D

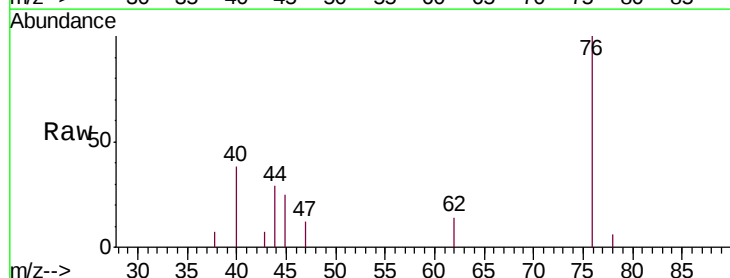
Acq: 13 Mar 2019 19:38

Tgt Ion: 76 Resp: 2518

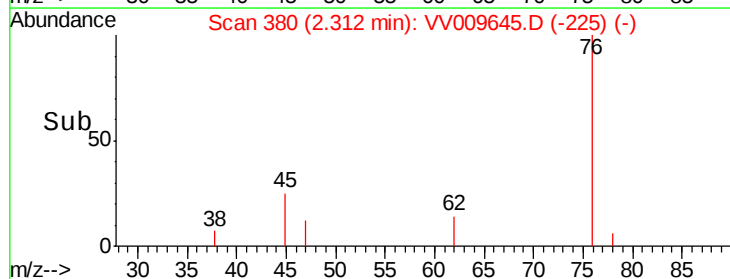
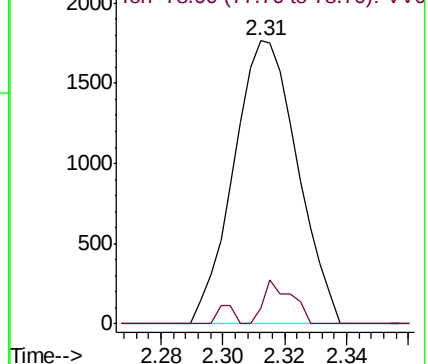
Ion Ratio Lower Upper

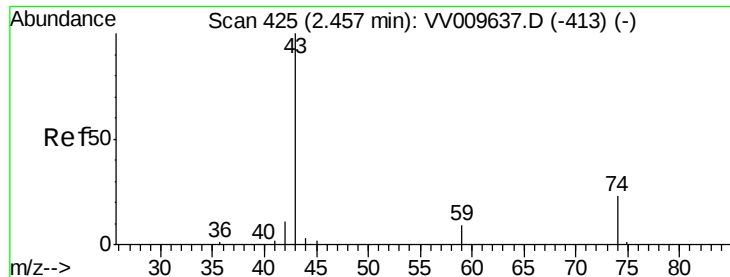
76 100

78 5.8 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VV009645.D (-225) (-)

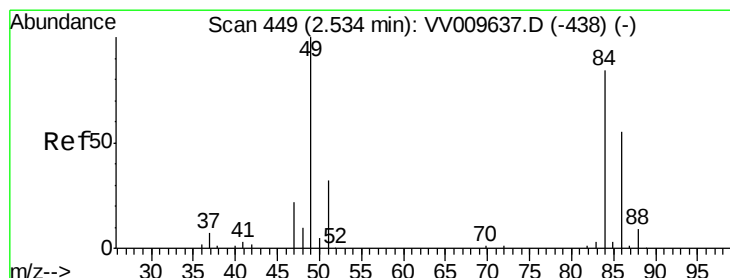
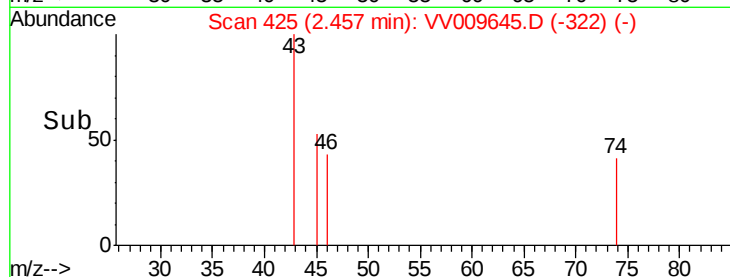
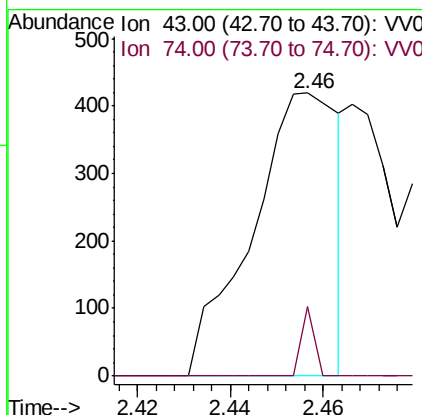
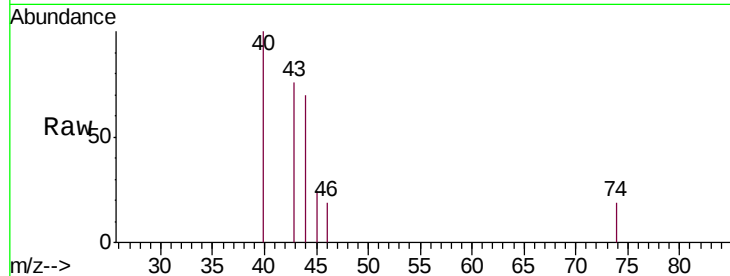




#15
Methyl Acetate
Concen: 0.815 ug/L
RT: 2.46 min Scan# 425
Delta R.T. 0.00 min
Lab File: VV009645.D
Acq: 13 Mar 2019 19:38

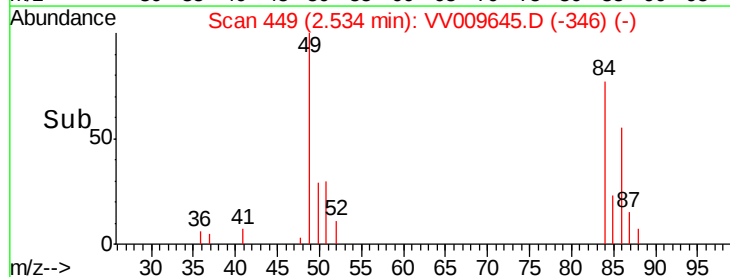
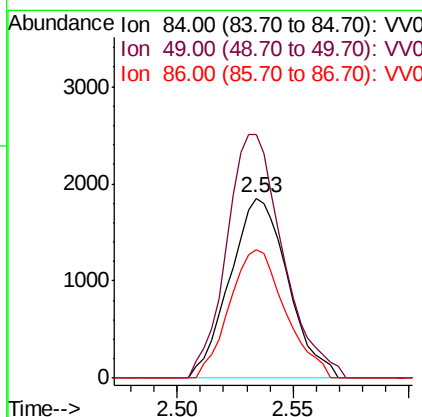
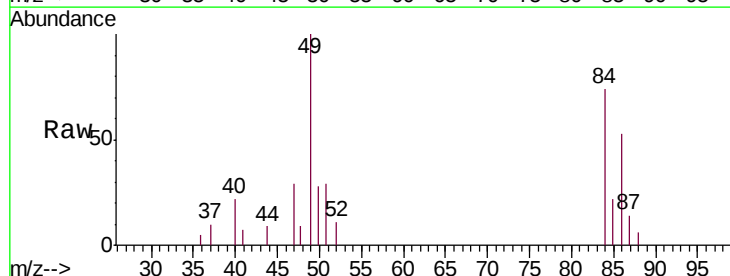
Instrument :
MSVOA_V
ClientSampleId :
BF5N7RE

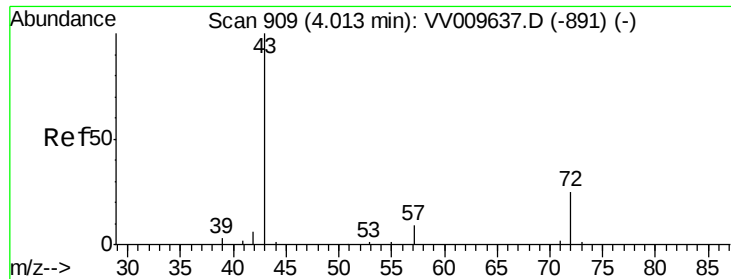
Tgt Ion: 43 Resp: 541
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#



#16
Methylene chloride
Concen: 1.959 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009645.D
Acq: 13 Mar 2019 19:38

Tgt Ion: 84 Resp: 3215
Ion Ratio Lower Upper
84 100
49 135.5 86.1 159.9
86 71.6 45.2 84.0





#21

2-Butanone

Concen: 14.799 ug/L

RT: 3.99 min Scan# 901

Delta R.T. -0.03 min

Lab File: VV009645.D

Acq: 13 Mar 2019 19:38

Instrument :

MSVOA_V

ClientSampleId :

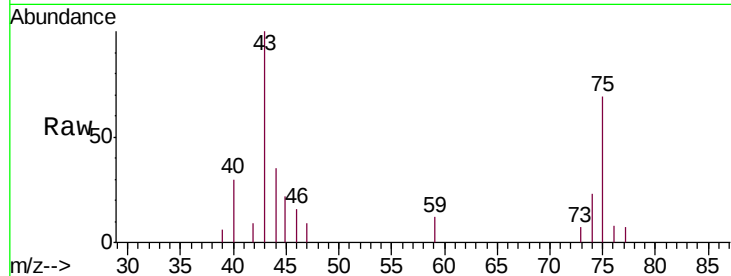
BF5N7RE

Tgt Ion: 43 Resp: 8314

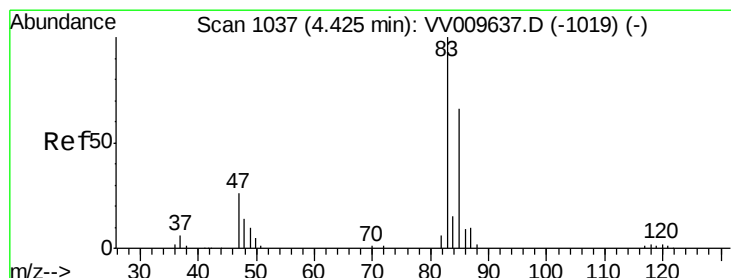
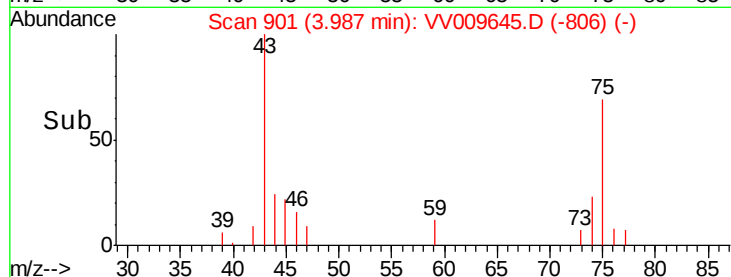
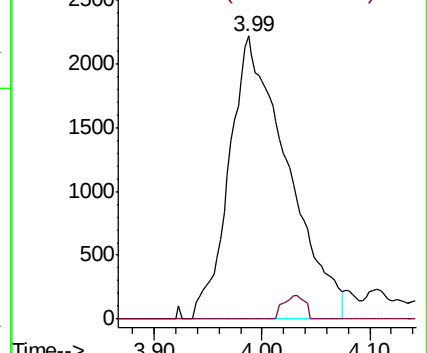
Ion Ratio Lower Upper

43 100

72 3.1 14.5 43.5#



Abundance Ion 43.00 (42.70 to 43.70): VV009637.D (-891) (-)



#25

Chloroform

Concen: 1.988 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV009645.D

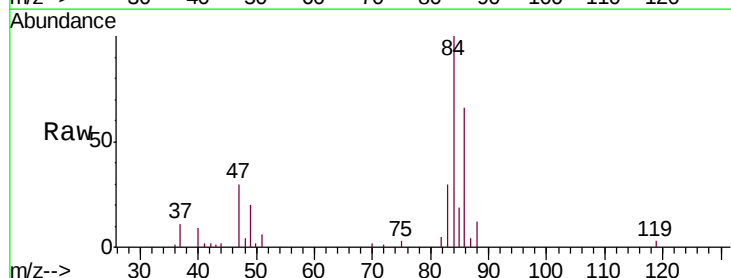
Acq: 13 Mar 2019 19:38

Tgt Ion: 83 Resp: 5821

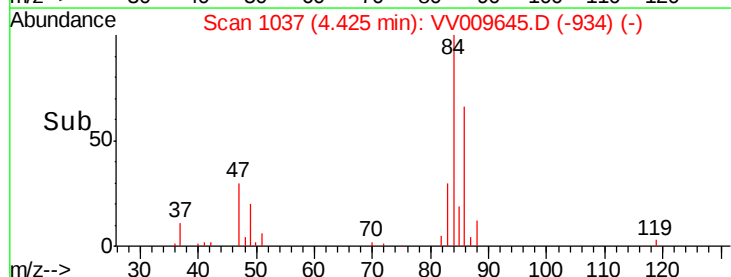
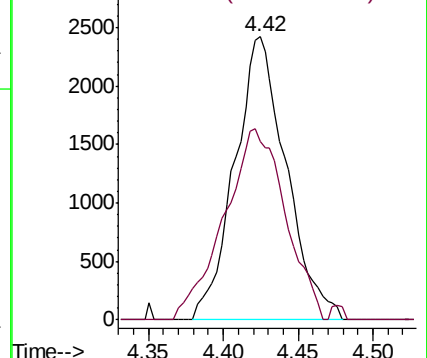
Ion Ratio Lower Upper

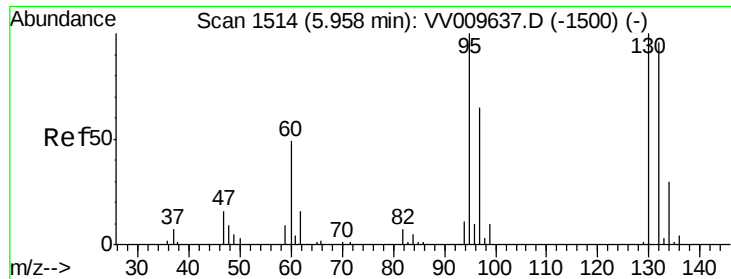
83 100

85 80.0 46.4 86.2



Abundance Ion 83.00 (82.70 to 83.70): VV009637.D (-1019) (-)





#35

Trichloroethene

Concen: 2.411 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV009645.D

Acq: 13 Mar 2019 19:38

Instrument :

MSVOA_V

ClientSampleId :

BF5N7RE

Tgt Ion: 95 Resp: 3375

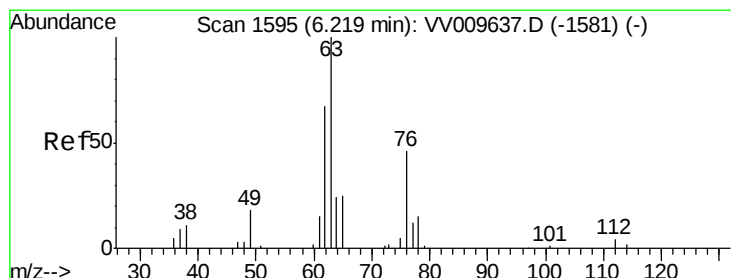
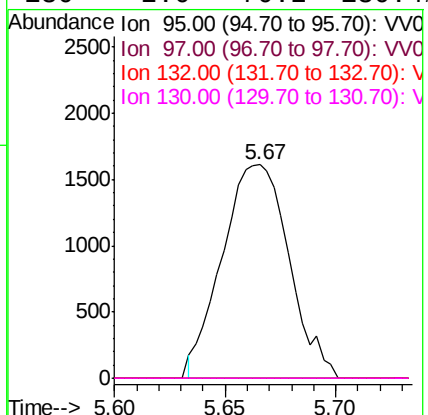
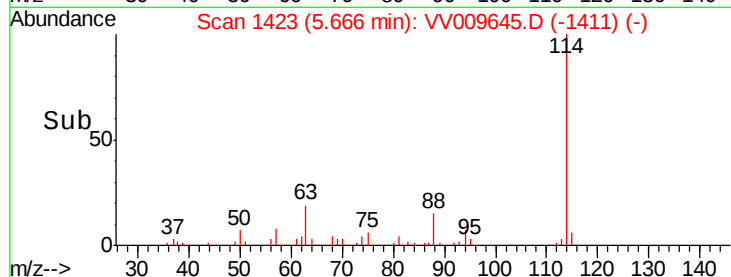
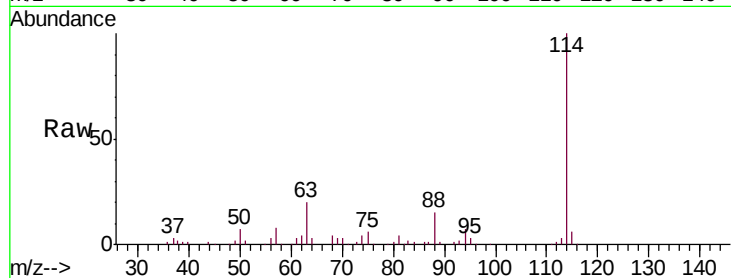
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 0.0 66.4 123.2#

130 2.0 70.2 130.4#



#40

1,2-Dichloropropane

Concen: 4.659 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV009645.D

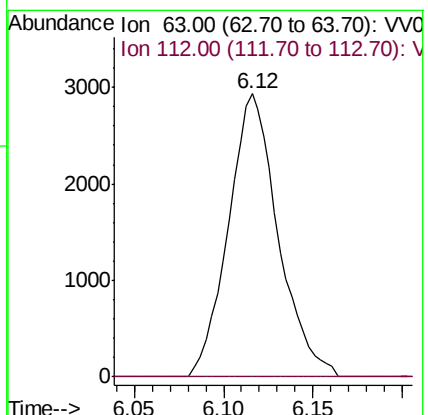
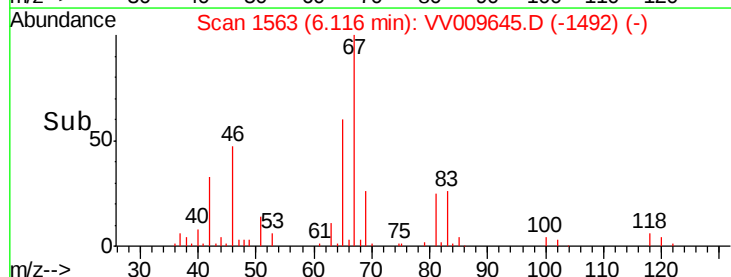
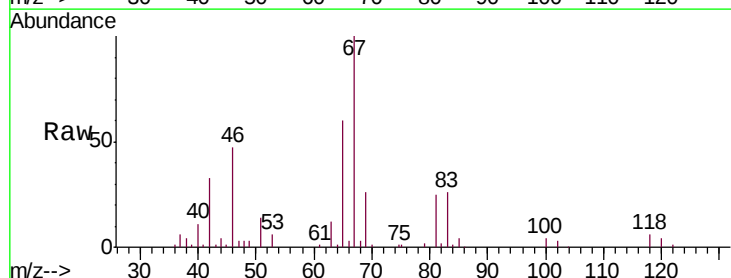
Acq: 13 Mar 2019 19:38

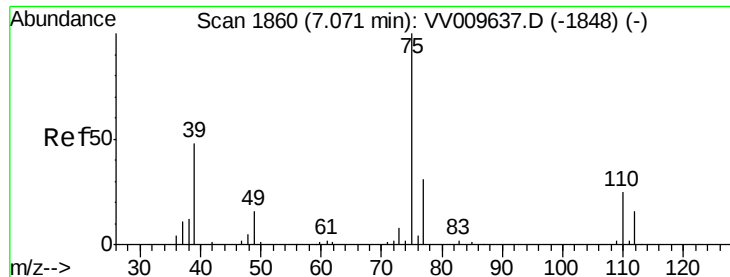
Tgt Ion: 63 Resp: 5707

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

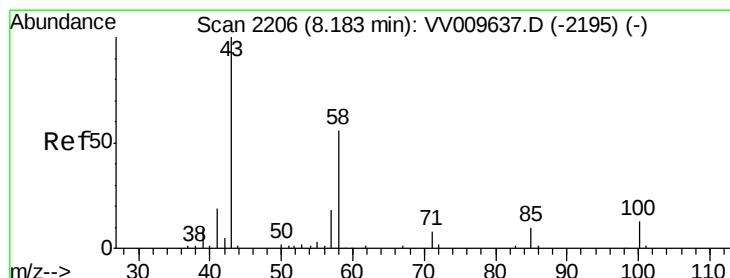
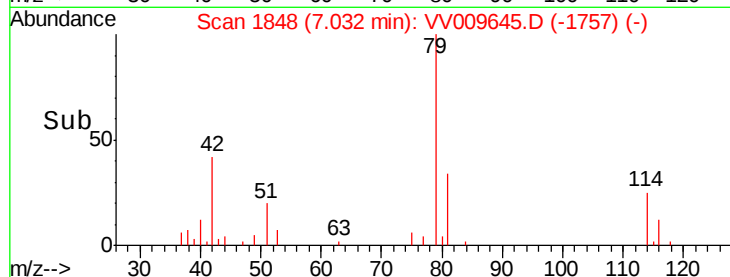
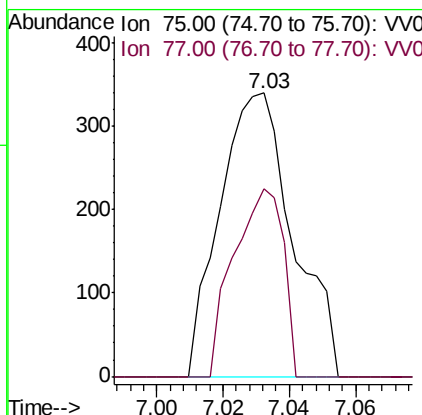
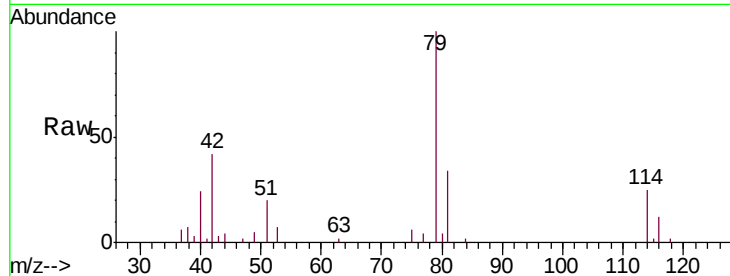




#42
 cis-1,3-Dichloropropene
 Concen: 0.281 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009645.D
 Acq: 13 Mar 2019 19:38

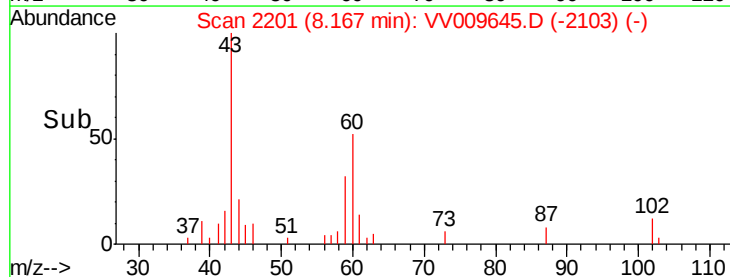
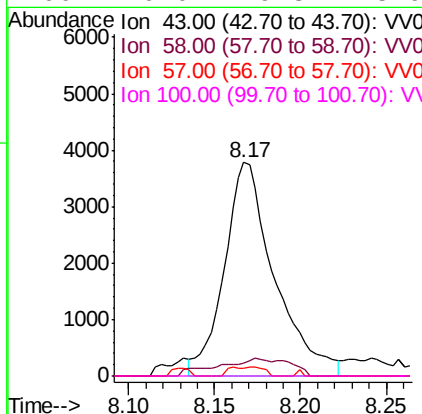
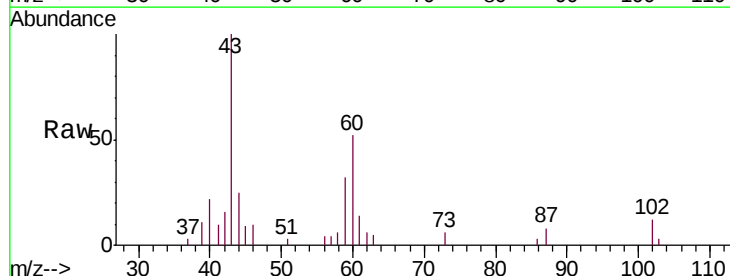
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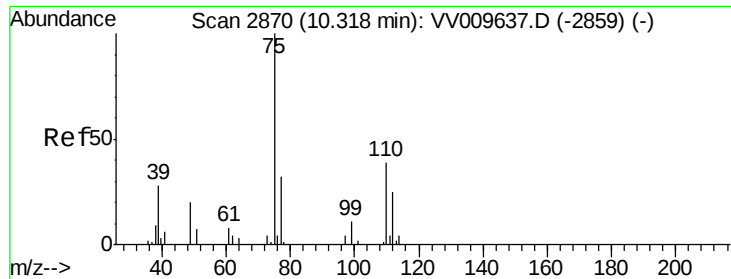
Tgt Ion: 75 Resp: 523
 Ion Ratio Lower Upper
 75 100
 77 66.2 22.0 40.8#



#49
 2-Hexanone
 Concen: 12.195 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: VV009645.D
 Acq: 13 Mar 2019 19:38

Tgt Ion: 43 Resp: 7672
 Ion Ratio Lower Upper
 43 100
 58 1.4 44.9 67.3#
 57 1.4 14.5 21.7#
 100 0.0 9.3 13.9#





#59
 1,2,3-Trichloropropane
 Concen: 4.199 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV009645.D
 Acq: 13 Mar 2019 19:38

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5N7RE

Tgt Ion: 75 Resp: 4001
 Ion Ratio Lower Upper
 75 100
 77 39.0 25.3 37.9#

