

Data File : VV009323.D
Acq On : 21 Feb 2019 14:27
Operator : SY/MD
Sample : K1543-07
Misc : 3.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5X7

Quant Time: Feb 22 04:56:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 04:53:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	139966	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	128341	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51354	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44601	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.80%
7) Chloroethane-d5	1.58	69	61639	27.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.92%
10) 1,1-Dichloroethene-d2	2.13	63	87905	19.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.80%
20) 2-Butanone-d5	3.96	46	21380	32.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.62%
24) Chloroform-d	4.40	84	76357	23.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.96%
26) 1,2-Dichloroethane-d4	5.08	65	42164	23.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.68%
29) Benzene-d6	5.10	84	159839	24.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.32%
33) 1,2-Dichloropropane-d6	6.12	67	48899	25.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.24%
37) Toluene-d8	7.36	98	146386	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.56%
38) trans-1,3-Dichloropropene-	7.67	79	18947	19.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.92%
39) 2-Hexanone-d5	8.14	63	19001	36.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.12%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44728	21.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	45089	23.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.64%

Target Compounds

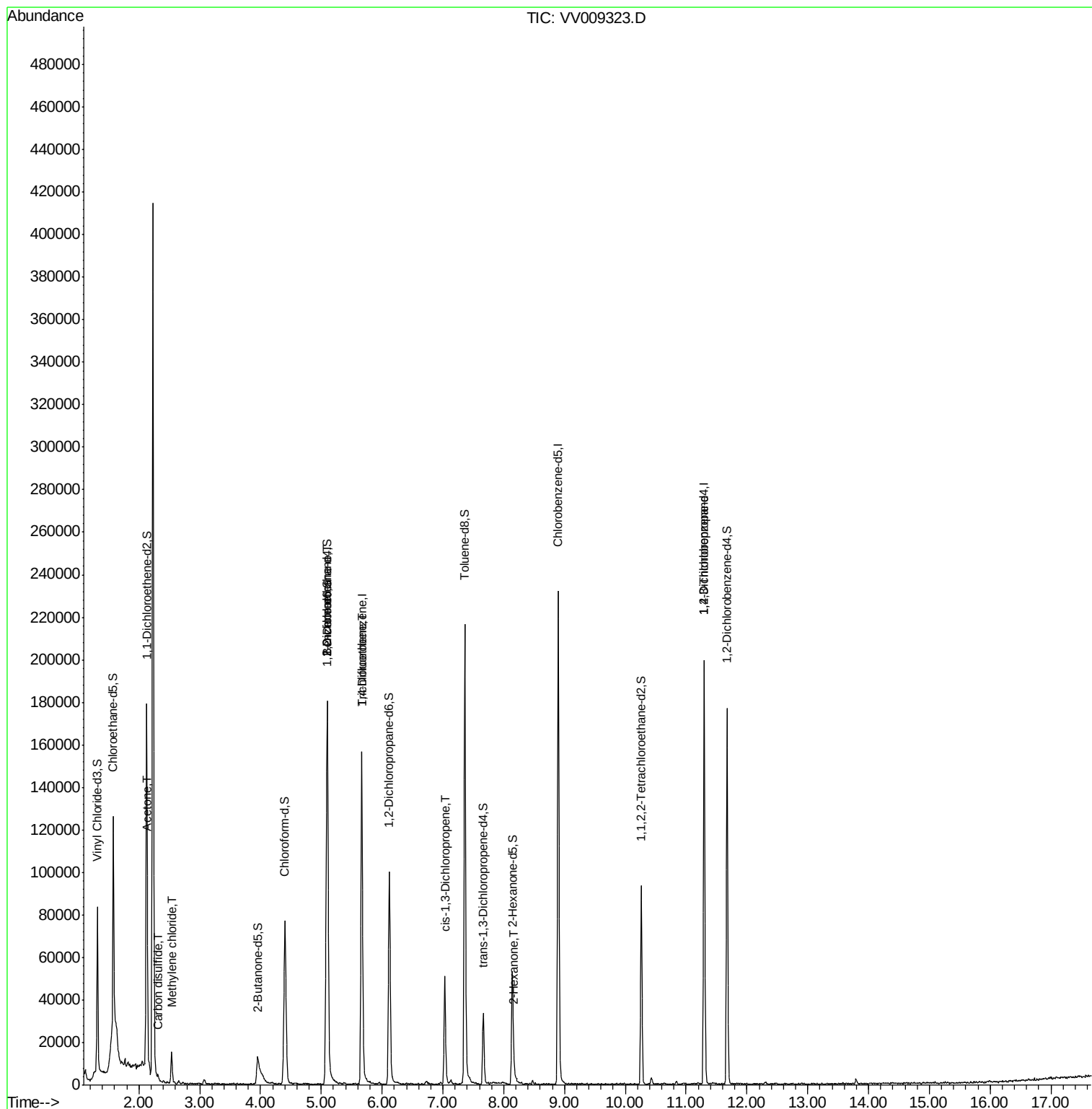
					Qvalue
13) Acetone	2.15	43	373	0.586 ug/L	72
14) Carbon disulfide	2.32	76	1520	0.277 ug/L #	88
16) Methylene chloride	2.54	84	6178	2.918 ug/L	93
27) 1,2-Dichloroethane	5.10	62	878	0.397 ug/L #	72
35) Trichloroethene	5.67	95	3840	1.967 ug/L #	5
42) cis-1,3-Dichloropropene	7.03	75	1575	0.545 ug/L #	73
49) 2-Hexanone	8.17	43	2451	2.229 ug/L #	43
59) 1,2,3-Trichloropropane	11.30	75	6923	4.514 ug/L	96

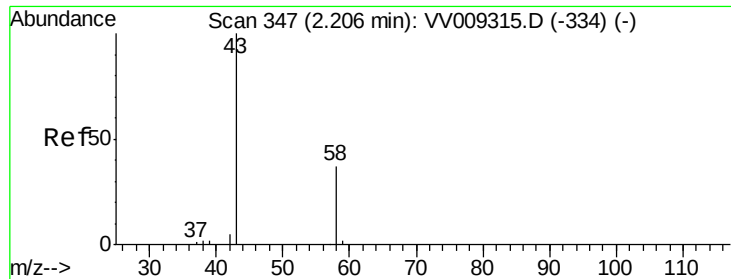
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.586 ug/L

RT: 2.15 min Scan# 329

Delta R.T. -0.06 min

Lab File: VV009323.D

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Instrument :

MSVOA_V

ClientSampled :

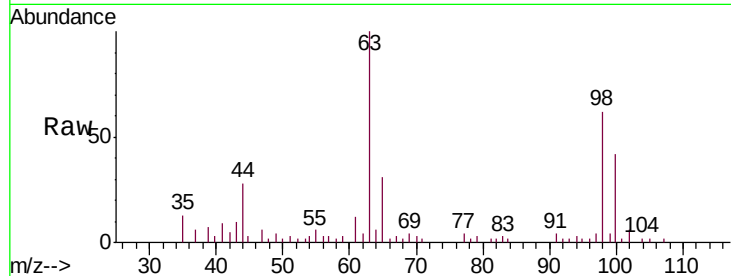
BF5X7

Tgt Ion: 43 Resp: 373

Ion Ratio Lower Upper

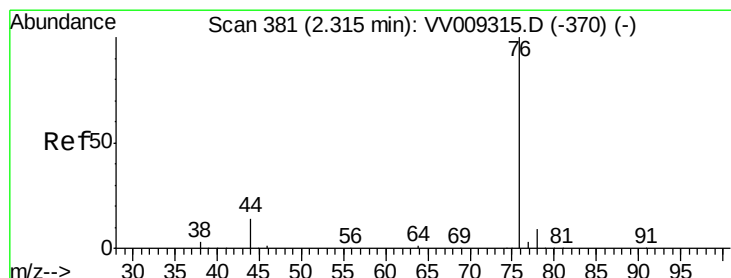
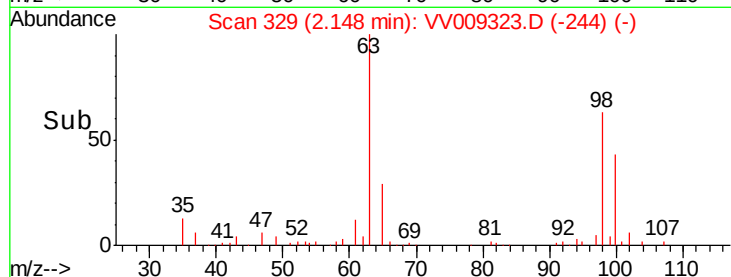
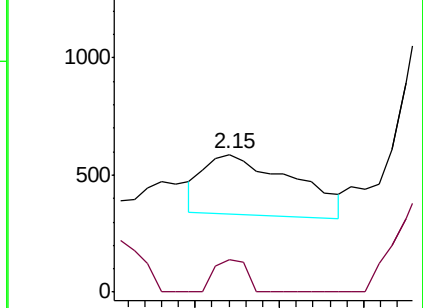
43 100

58 19.3 0.0 72.0



Abundance Ion 43.00 (42.70 to 43.70): VV009323.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV009323.D (-329) (-)



#14

Carbon disulfide

Concen: 0.277 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VV009323.D

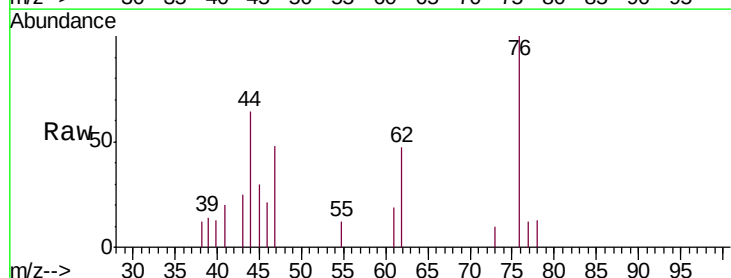
Acq: 21 Feb 2019 14:27

Tgt Ion: 76 Resp: 1520

Ion Ratio Lower Upper

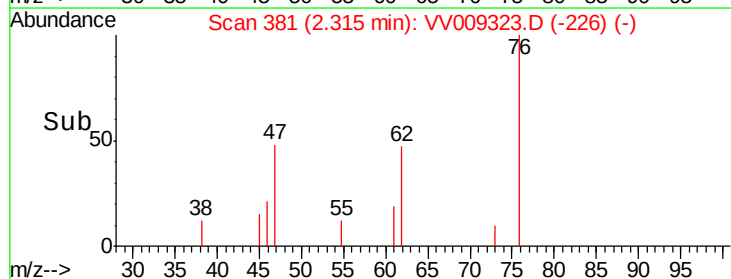
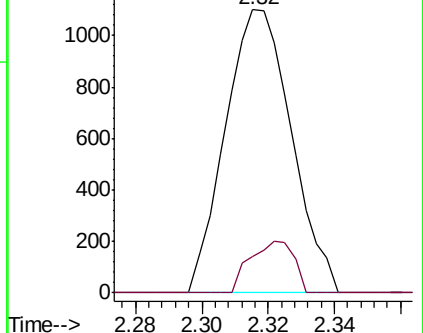
76 100

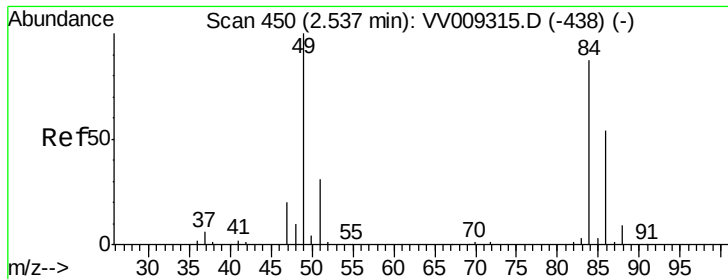
78 12.9 6.9 10.3#



Abundance Ion 76.00 (75.70 to 76.70): VV009323.D (-381) (-)

Ion 78.00 (77.70 to 78.70): VV009323.D (-381) (-)

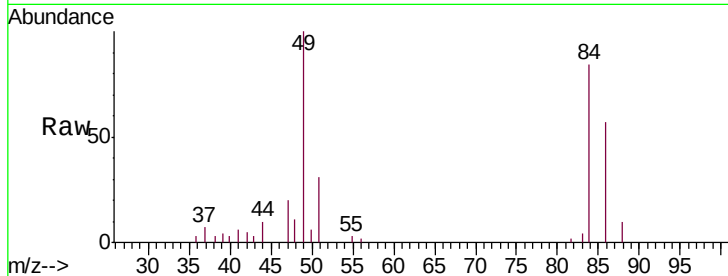




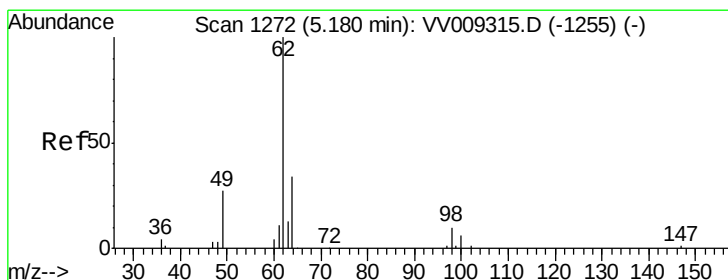
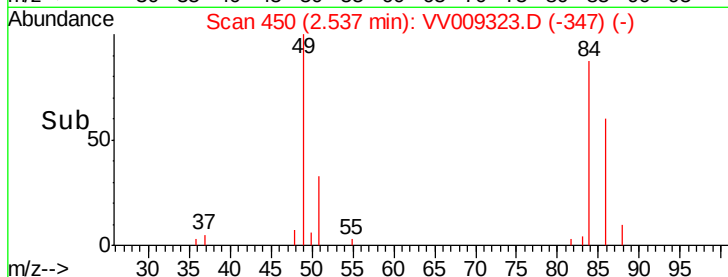
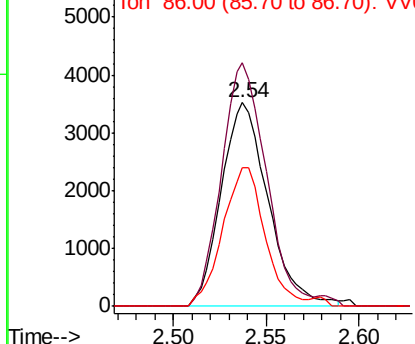
#16
Methylene chloride
Concen: 2.918 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV009323.D
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Instrument :
MSVOA_V
ClientSampled :
BF5X7

Tgt Ion: 84 Resp: 6178
Ion Ratio Lower Upper
84 100
49 119.7 78.7 146.1
86 68.5 44.0 81.6

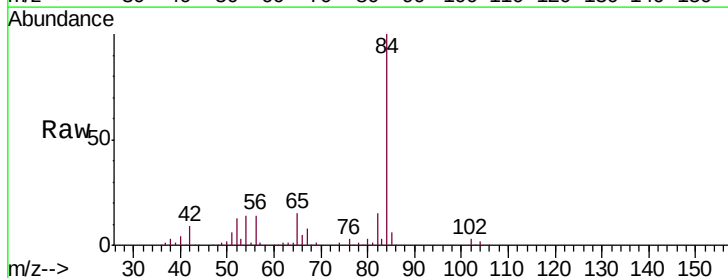


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

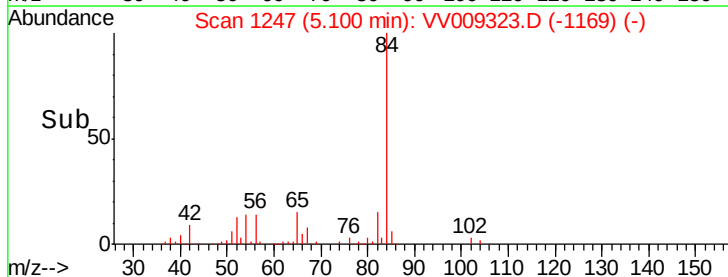
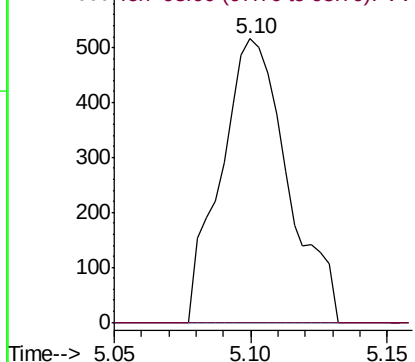


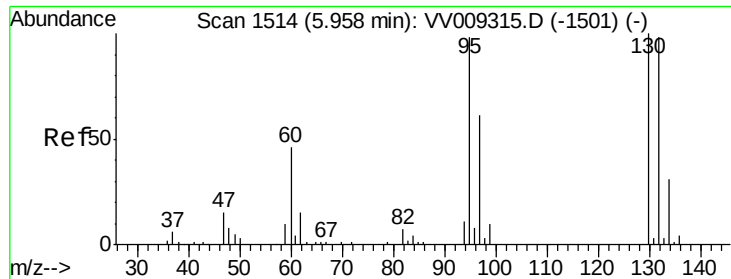
#27
1,2-Dichloroethane
Concen: 0.397 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.08 min
Lab File: VV009323.D
Acq: 21 Feb 2019 14:27

Tgt Ion: 62 Resp: 878
Ion Ratio Lower Upper
62 100
98 0.0 8.5 12.7#



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

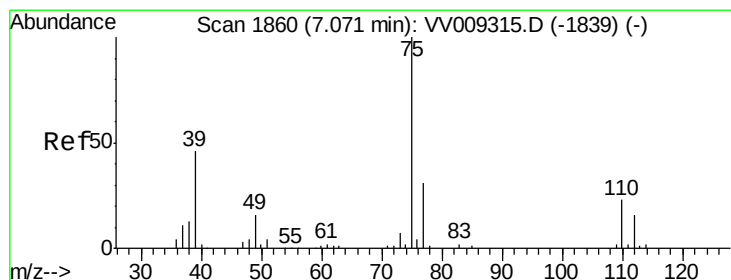
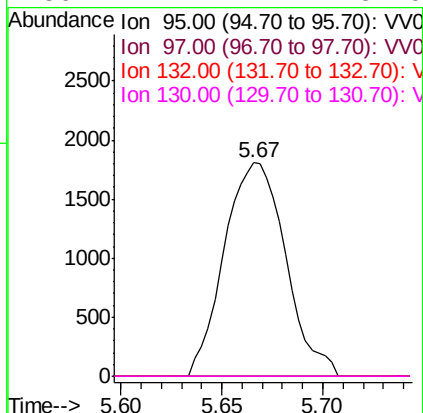
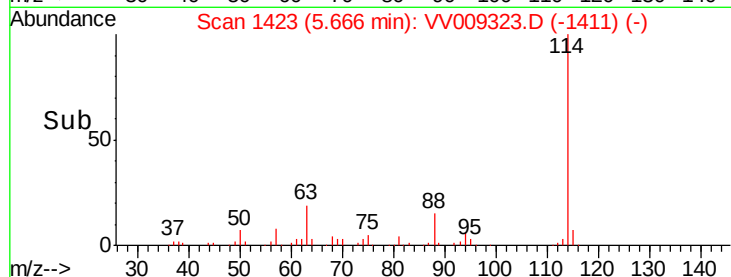
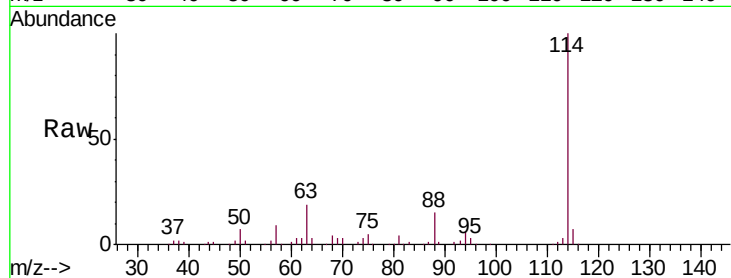




#35
 Trichloroethene
 Concen: 1.967 ug/L
 RT: 5.67 min Scan# 1423
 Delta R.T. -0.29 min
 Lab File: VV009323.D
 Acq: 21 Feb 2019 14:27

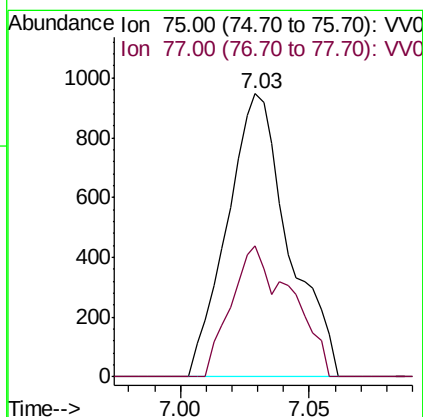
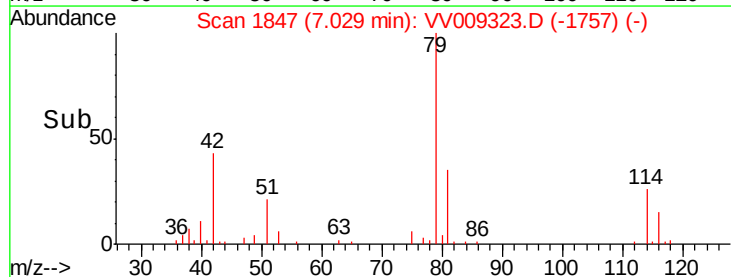
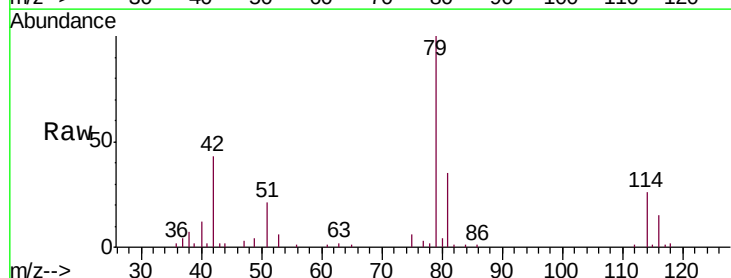
Instrument :
 MSVOA_V
 ClientSampled :
 BF5X7

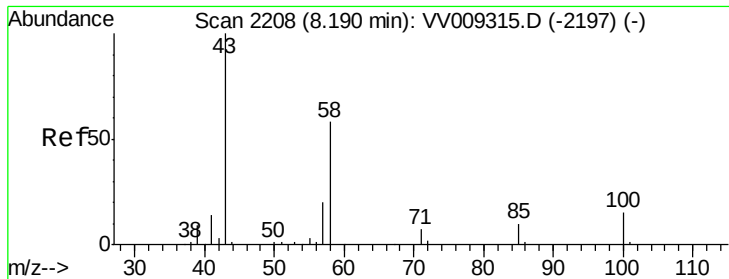
Tgt Ion: 95 Resp: 3840
 Ion Ratio Lower Upper
 95 100
 97 1.1 45.0 83.6#
 132 0.0 68.7 127.5#
 130 1.7 72.2 134.0#



#42
 cis-1,3-Dichloropropene
 Concen: 0.545 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009323.D
 Acq: 21 Feb 2019 14:27

Tgt Ion: 75 Resp: 1575
 Ion Ratio Lower Upper
 75 100
 77 46.3 22.0 40.8#

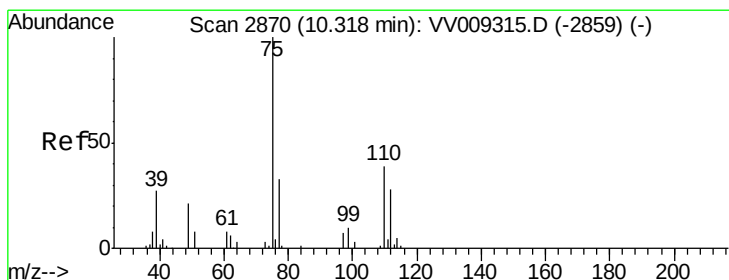
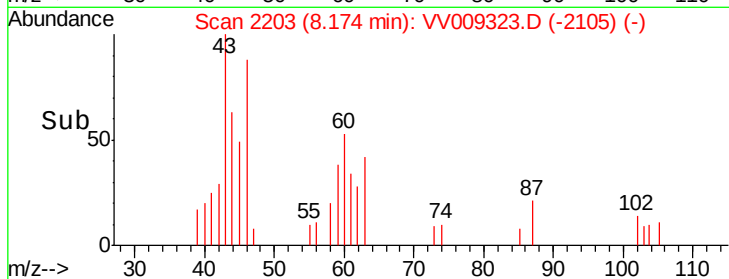
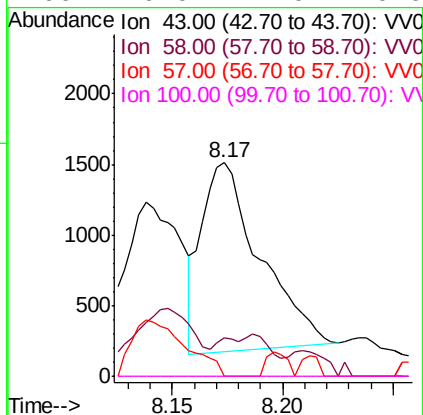
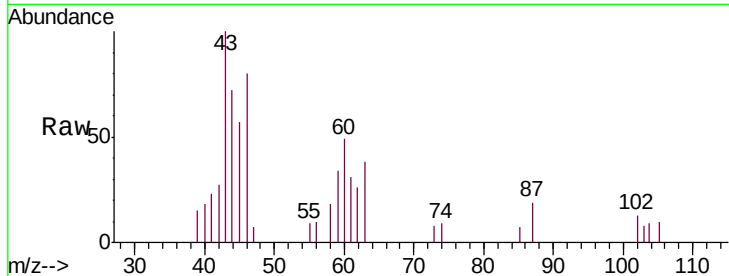




#49
2-Hexanone
Concen: 2.229 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. -0.02 min
Lab File: VV009323.D
Acq: 21 Feb 2019 14:27

Instrument :
MSVOA_V
ClientSampled :
BF5X7

Tgt Ion: 43 Resp: 2451
Ion Ratio Lower Upper
43 100
58 8.1 46.8 70.2#
57 0.0 14.2 21.2#
100 0.0 11.0 16.6#



#59
1,2,3-Trichloropropane
Concen: 4.514 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009323.D
Acq: 21 Feb 2019 14:27

Tgt Ion: 75 Resp: 6923
Ion Ratio Lower Upper
75 100
77 34.9 26.3 39.5

