

Data File : VV010909.D
Acq On : 15 May 2019 22:15
Operator : SY/MD
Sample : K2737-17RE
Misc : 4.41G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB865RE

Quant Time: May 16 08:13:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 08:09:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	108468	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	94825	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32160	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28630	20.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.88%
7) Chloroethane-d5	1.57	69	23744	26.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.44%
10) 1,1-Dichloroethene-d2	2.12	63	43178	16.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.04%
20) 2-Butanone-d5	3.94	46	24251	55.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.56%
24) Chloroform-d	4.40	84	67799	21.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.08	65	42921	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.44%
29) Benzene-d6	5.09	84	135369	25.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.16%
33) 1,2-Dichloropropane-d6	6.12	67	47824	28.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.24%
37) Toluene-d8	7.36	98	111154	22.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.16%
38) trans-1,3-Dichloropropene-	7.66	79	16127	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.32%
39) 2-Hexanone-d5	8.13	63	16633	52.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	38165	24.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	32061	23.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.48%

Target Compounds

					Qvalue
6) Bromomethane	1.51	94	472	1.311 ug/L	91
13) Acetone	2.19	43	22101	49.907 ug/L	91
25) Chloroform	4.43	83	6278	2.008 ug/L	84
35) Trichloroethene	5.66	95	3190	2.227 ug/L #	5
36) Methylcyclohexane	6.12	83	10971	5.504 ug/L #	19
40) 1,2-Dichloropropane	6.12	63	5069	3.367 ug/L #	88
42) cis-1,3-Dichloropropene	7.03	75	1235	0.562 ug/L #	74
47) Tetrachloroethene	8.02	164	884	0.835 ug/L	93
50) Dibromochloromethane	8.02	129	1000	0.742 ug/L #	11
59) 1,2,3-Trichloropropane	11.29	75	3883	3.347 ug/L #	87

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

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ALS Vial      : 1      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
DB865RE

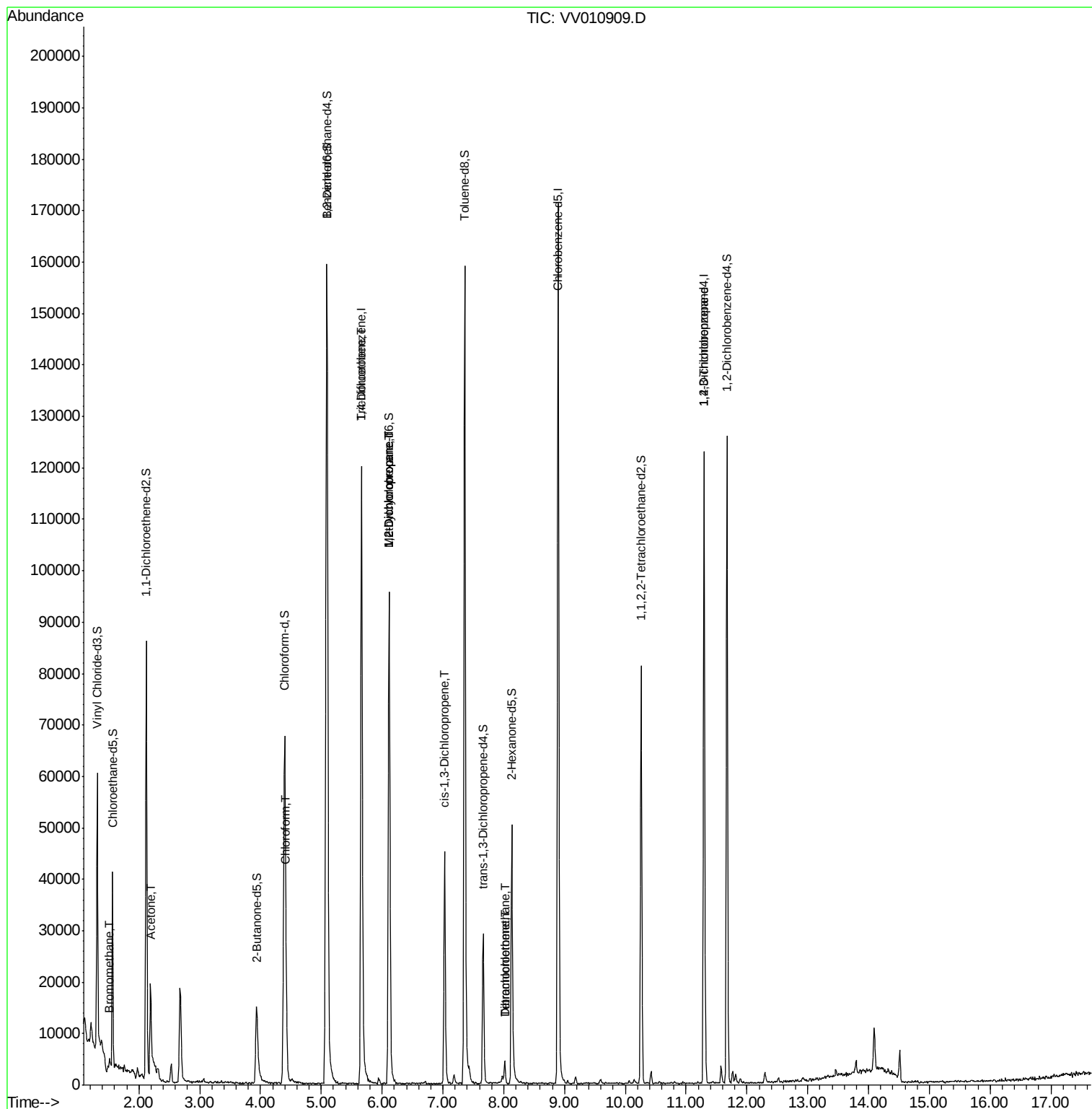
Quant Time: May 16 08:13:36 2019

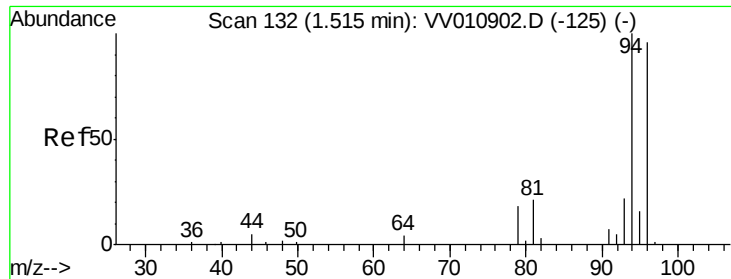
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\S0M2VLM051319S.M

Quant Title : VOC Analysis

QLast Update : Thu May 16 08:09:42 2019

Response via : Initial Calibration





#6

Bromomethane

Concen: 1.311 ug/L

RT: 1.51 min Scan# 132

Delta R.T. -0.00 min

Lab File: VV010909.D

Acq: 15 May 2019 22:15

Instrument :

MSVOA_V

ClientSampleId :

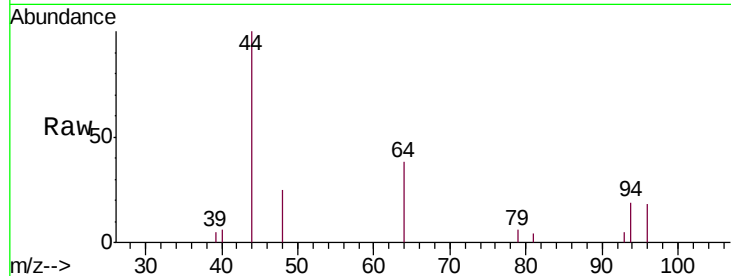
DB865RE

Tgt Ion: 94 Resp: 472

Ion Ratio Lower Upper

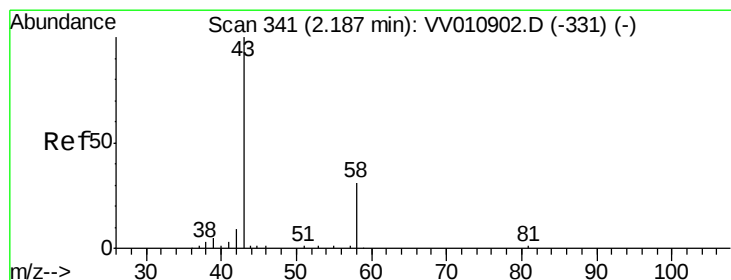
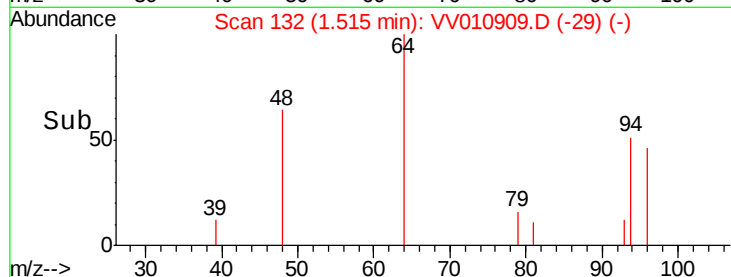
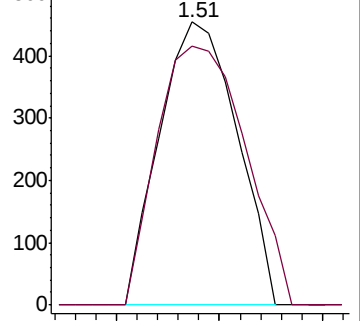
94 100

96 104.7 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0



#13

Acetone

Concen: 49.907 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV010909.D

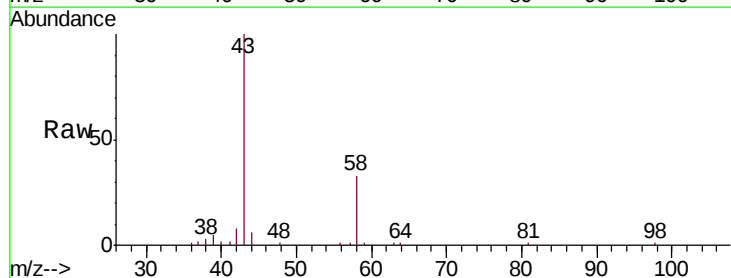
Acq: 15 May 2019 22:15

Tgt Ion: 43 Resp: 22101

Ion Ratio Lower Upper

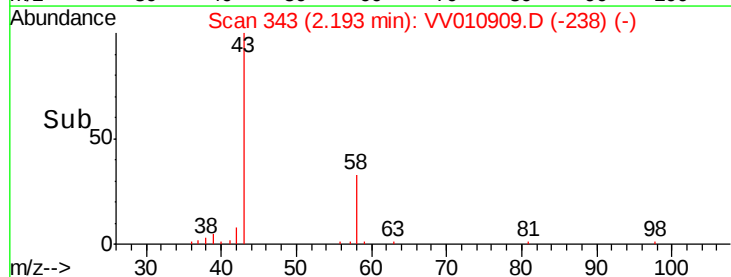
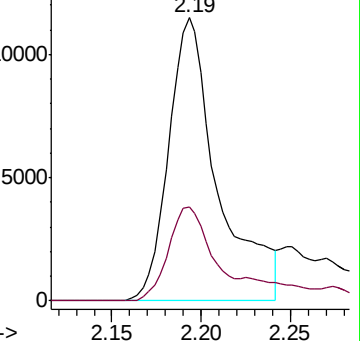
43 100

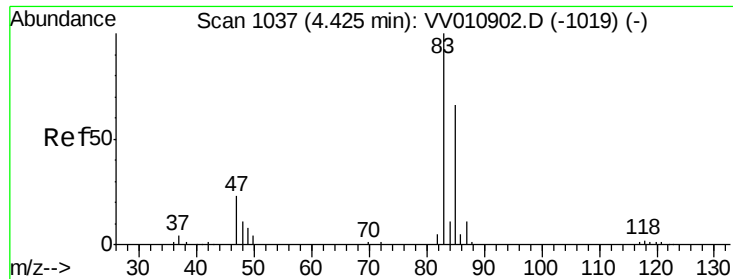
58 29.4 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

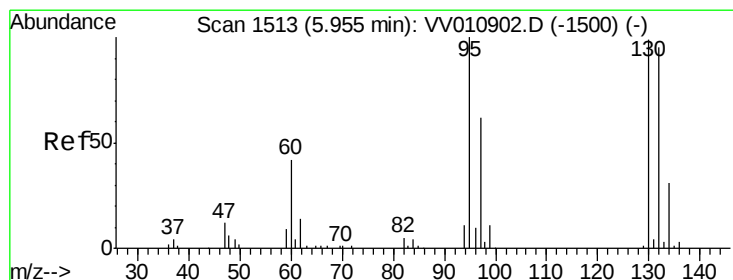
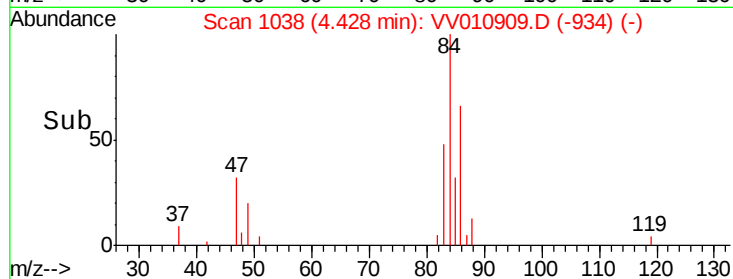
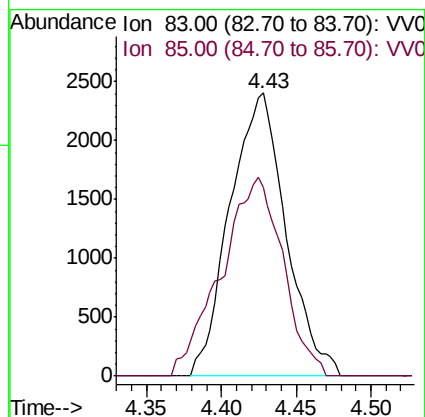
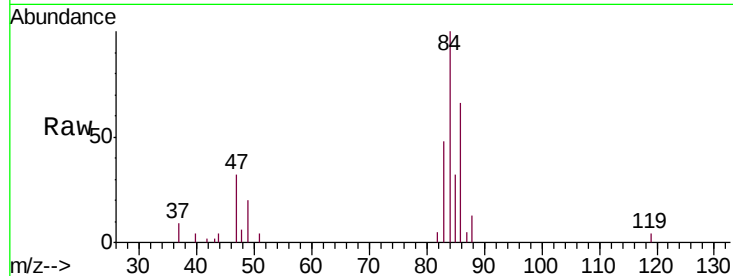




#25
Chloroform
Concen: 2.008 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010909.D
Acq: 15 May 2019 22:15

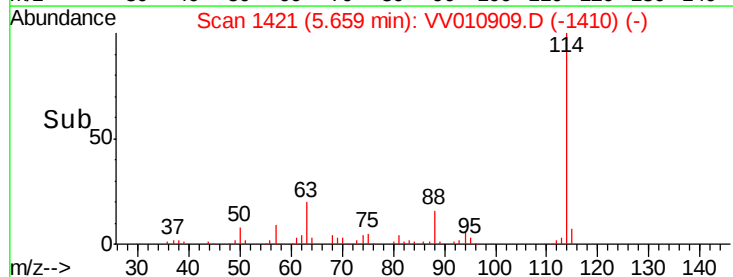
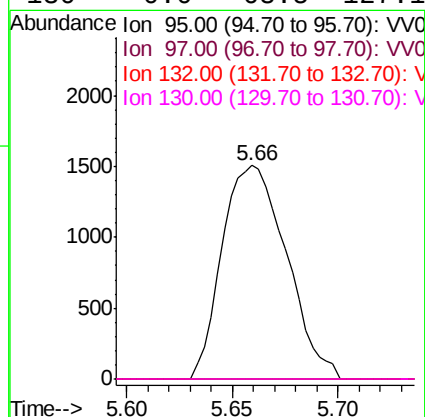
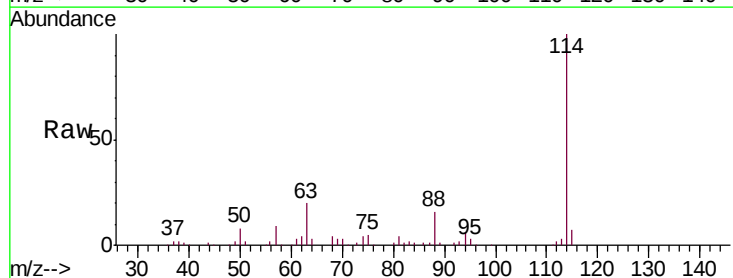
Instrument :
MSVOA_V
ClientSampled :
DB865RE

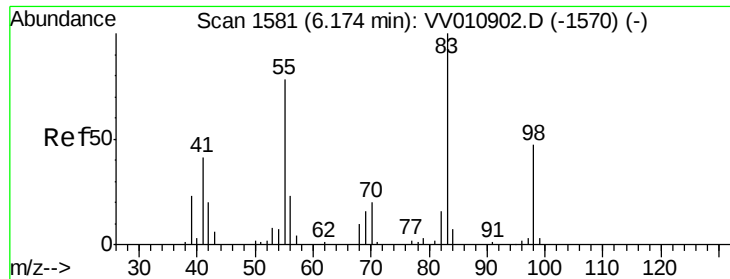
Tgt Ion: 83 Resp: 6278
Ion Ratio Lower Upper
83 100
85 77.2 45.3 84.1



#35
Trichloroethene
Concen: 2.227 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010909.D
Acq: 15 May 2019 22:15

Tgt Ion: 95 Resp: 3190
Ion Ratio Lower Upper
95 100
97 0.0 46.0 85.4#
132 0.0 67.4 125.2#
130 0.0 68.5 127.1#

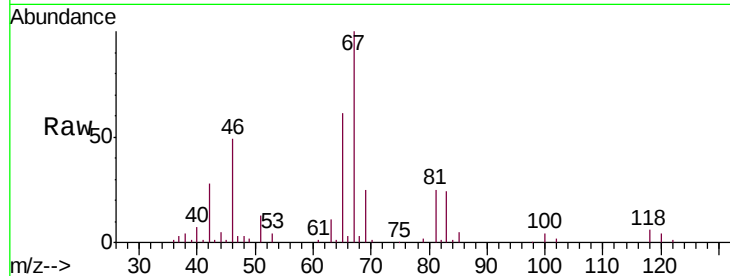




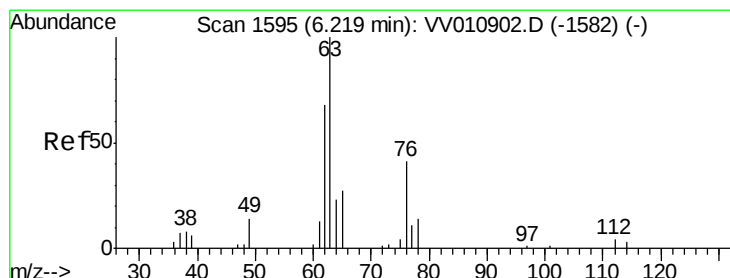
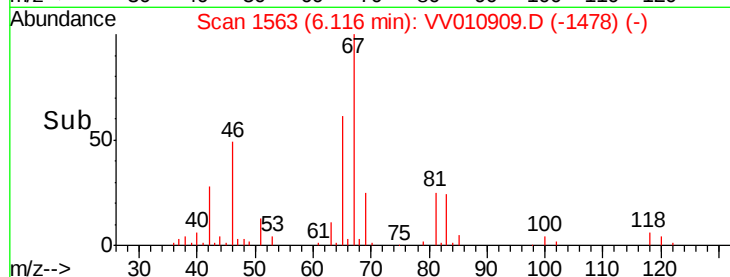
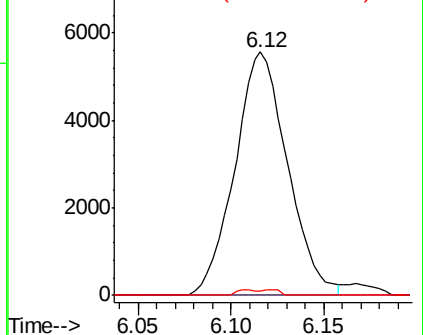
#36
Methylcyclohexane
Concen: 5.504 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010909.D
Acq: 15 May 2019 22:15

Instrument :
MSVOA_V
ClientSampleId :
DB865RE

Tgt Ion: 83 Resp: 10971
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.6 37.2 55.8#

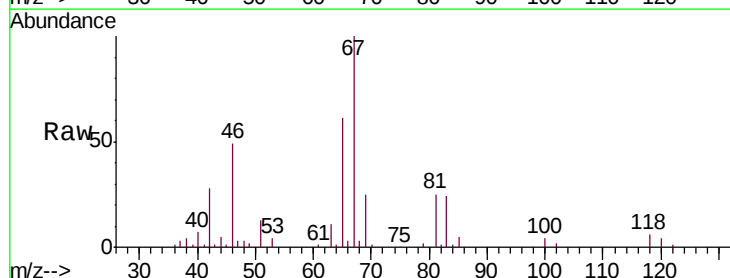


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

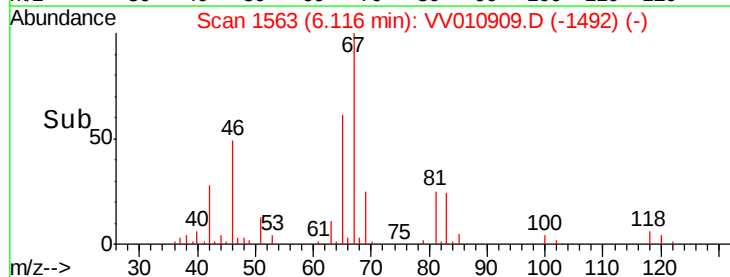
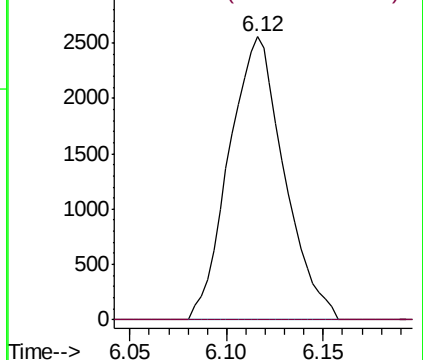


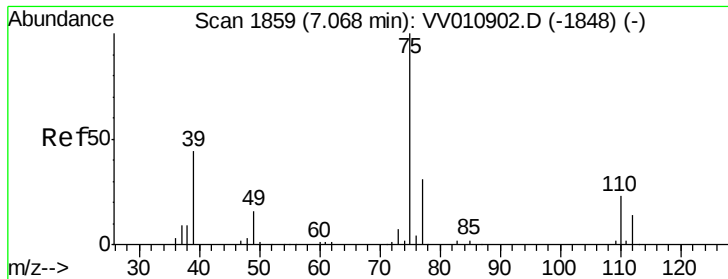
#40
1,2-Dichloropropane
Concen: 3.367 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010909.D
Acq: 15 May 2019 22:15

Tgt Ion: 63 Resp: 5069
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V



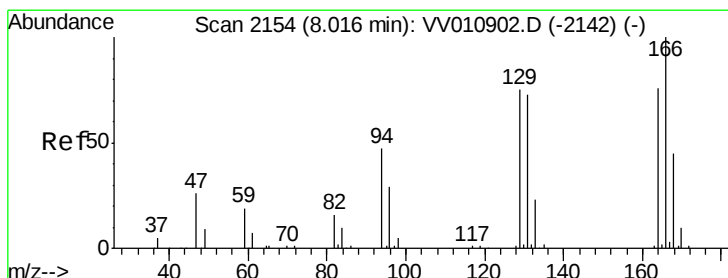
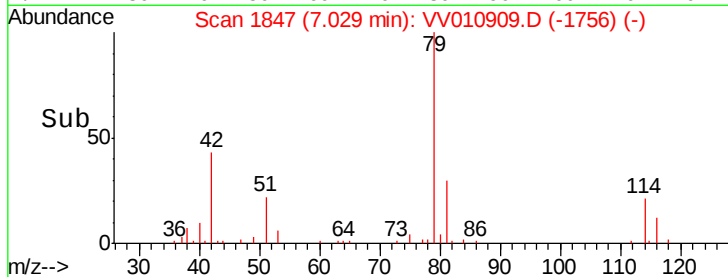
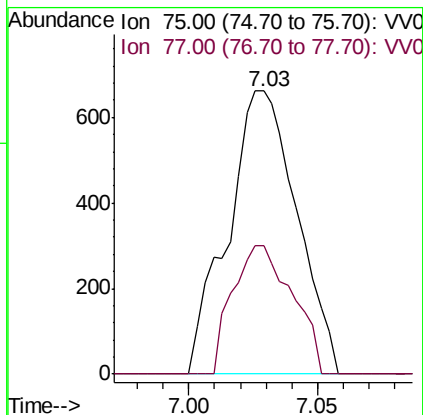
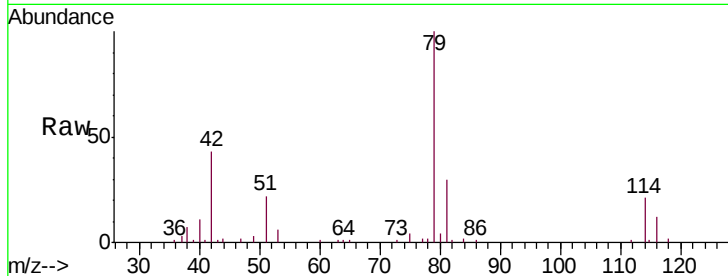


#42

cis-1,3-Dichloropropene
 Concen: 0.562 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010909.D
 Acq: 15 May 2019 22:15

Instrument :
 MSVOA_V
 ClientSampleId :
 DB865RE

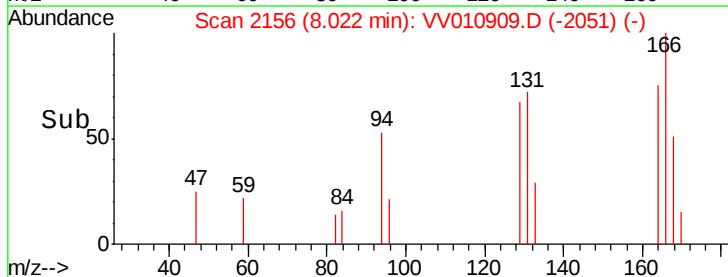
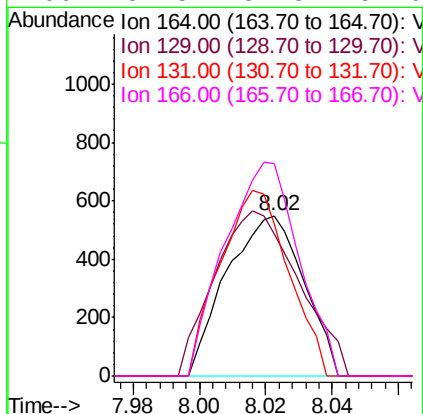
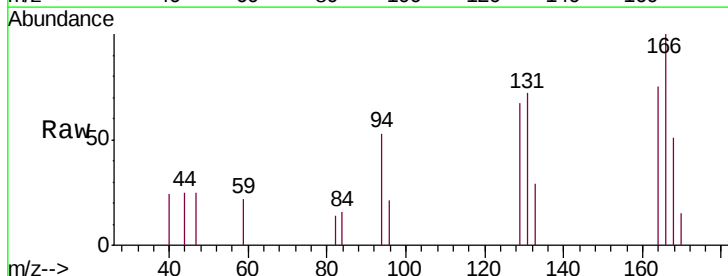
Tgt Ion: 75 Resp: 1235
 Ion Ratio Lower Upper
 75 100
 77 45.2 21.5 39.9#

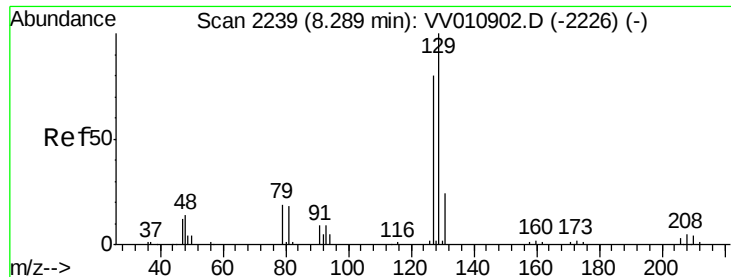


#47

Tetrachloroethene
 Concen: 0.835 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: VV010909.D
 Acq: 15 May 2019 22:15

Tgt Ion: 164 Resp: 884
 Ion Ratio Lower Upper
 164 100
 129 88.4 67.6 125.6
 131 95.1 65.1 120.9
 166 132.5 84.8 157.6

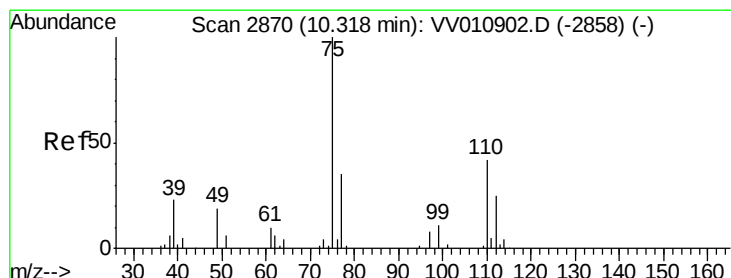
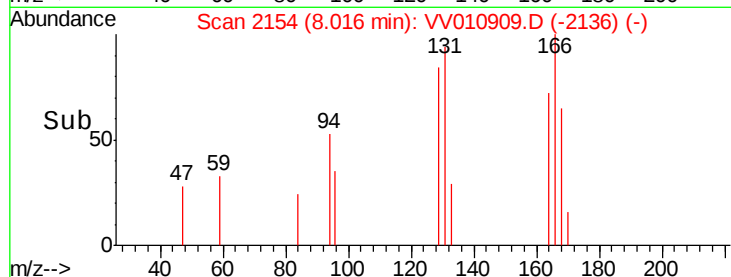
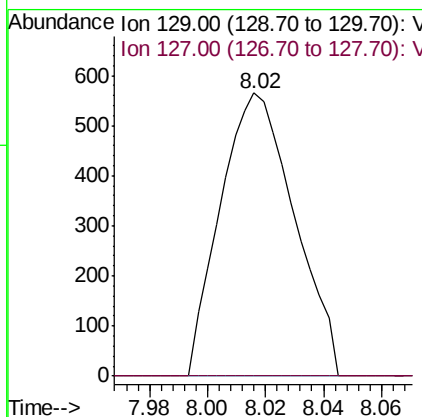
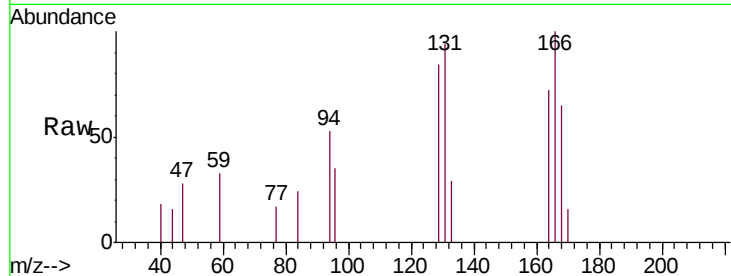




#50
 Dibromochloromethane
 Concen: 0.742 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.27 min
 Lab File: VV010909.D
 Acq: 15 May 2019 22:15

Instrument :
 MSVOA_V
 ClientSampleId :
 DB865RE

Tgt Ion: 129 Resp: 1000
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.8 100.0#



#59
 1,2,3-Trichloropropane
 Concen: 3.347 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010909.D
 Acq: 15 May 2019 22:15

Tgt Ion: 75 Resp: 3883
 Ion Ratio Lower Upper
 75 100
 77 40.1 26.4 39.6#

