

Data File : VV011092.D
Acq On : 29 May 2019 06:24
Operator : SY/MD
Sample : K3016-21
Misc : 4.78G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D8

Quant Time: May 29 07:16:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 07:13:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	355319	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	301973	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	91273	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	122682	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.72%
7) Chloroethane-d5	1.55	69	94519	27.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.72%
10) 1,1-Dichloroethene-d2	2.11	63	170410	18.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.24%
20) 2-Butanone-d5	3.93	46	128312	76.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.84%#
24) Chloroform-d	4.39	84	228807	26.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.07	65	149896	27.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.84%
29) Benzene-d6	5.09	84	496169	28.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.24%
33) 1,2-Dichloropropane-d6	6.11	67	161957	28.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.16%
37) Toluene-d8	7.36	98	436120	26.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.04%
38) trans-1,3-Dichloropropene-	7.66	79	67458	25.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.96%
39) 2-Hexanone-d5	8.13	63	99152	80.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	161.80%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	154594	31.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.84%#
61) 1,2-Dichlorobenzene-d4	11.67	152	90032	24.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.76%

Target Compounds

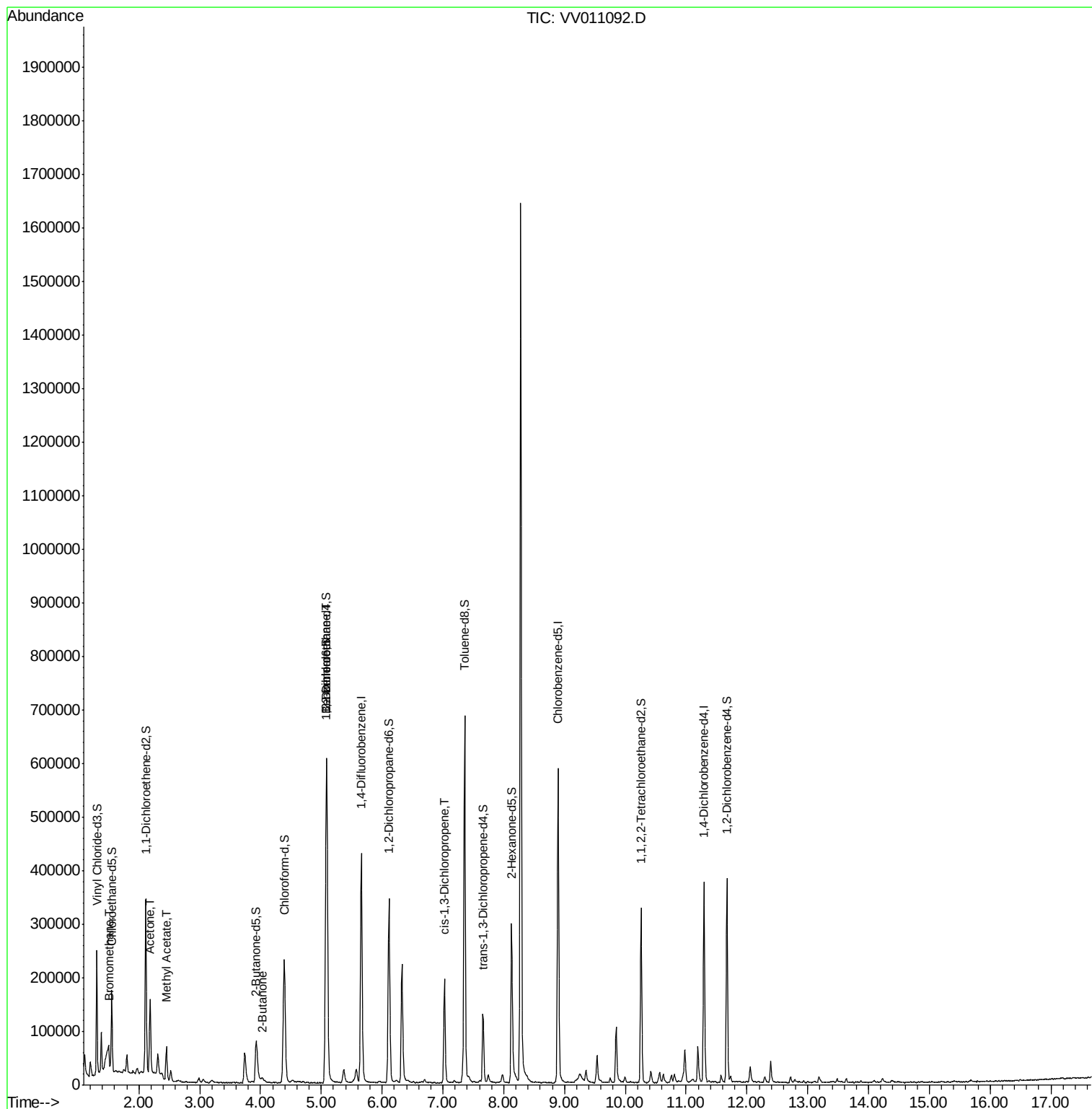
					Qvalue
6) Bromomethane	1.51	94	2258	0.993 ug/L	98
13) Acetone	2.18	43	131978	69.386 ug/L	100
15) Methyl Acetate	2.45	43	70228	25.580 ug/L #	100
21) 2-Butanone	4.03	43	13248	5.656 ug/L	86
27) 1,2-Dichloroethane	5.09	62	3357	0.514 ug/L	99
42) cis-1,3-Dichloropropene	7.02	75	5030	0.647 ug/L #	79

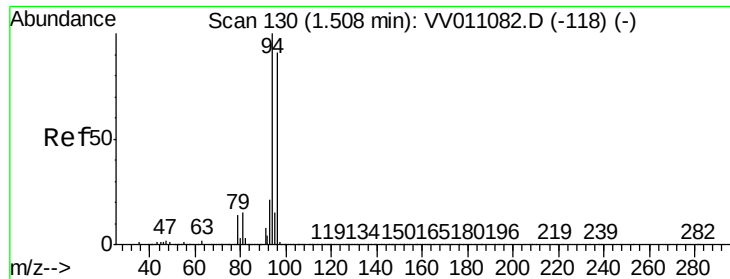
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.993 ug/L

RT: 1.51 min Scan# 129

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampled :

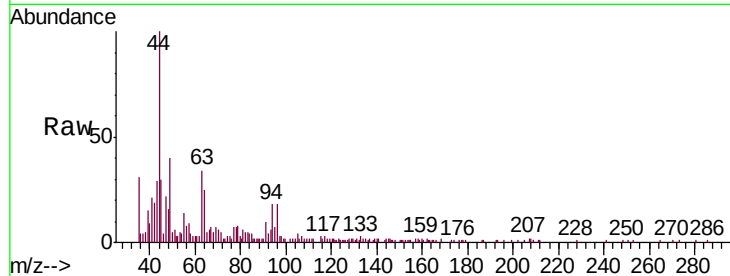
A51D8

Tgt Ion: 94 Resp: 2258

Ion Ratio Lower Upper

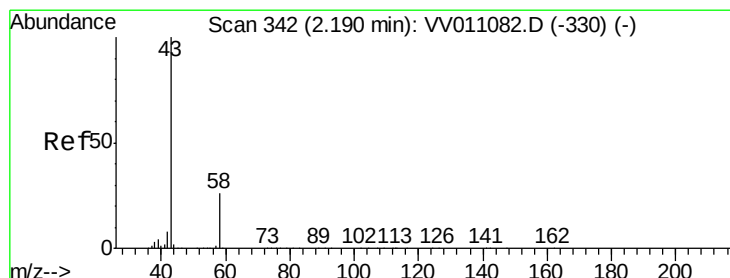
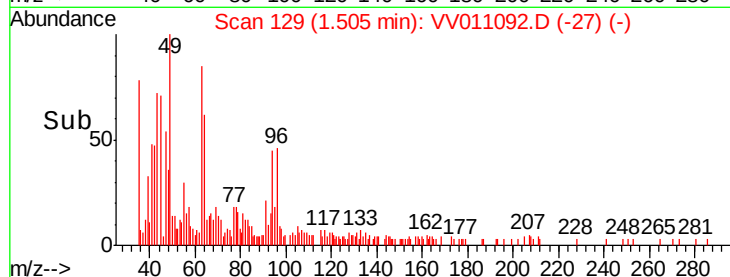
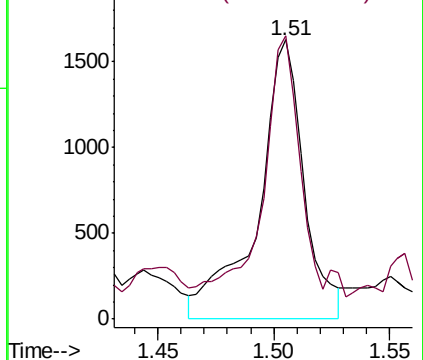
94 100

96 92.2 9.5 179.7



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0



#13

Acetone

Concen: 69.386 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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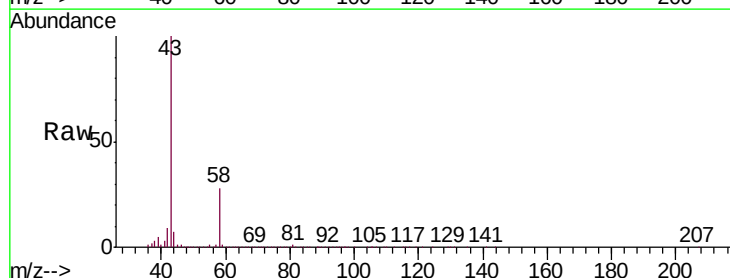
Acq: 29 May 2019 06:24

Tgt Ion: 43 Resp: 131978

Ion Ratio Lower Upper

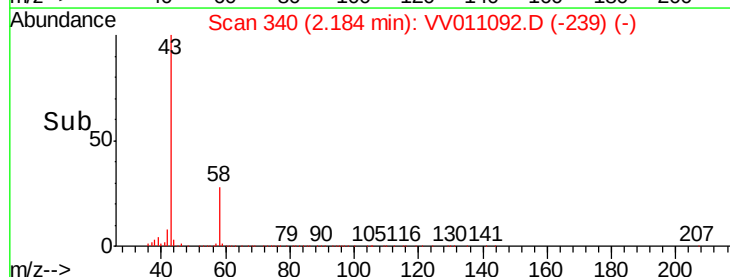
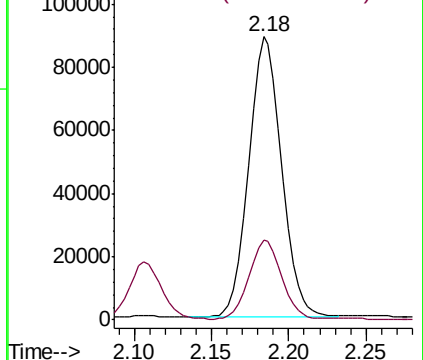
43 100

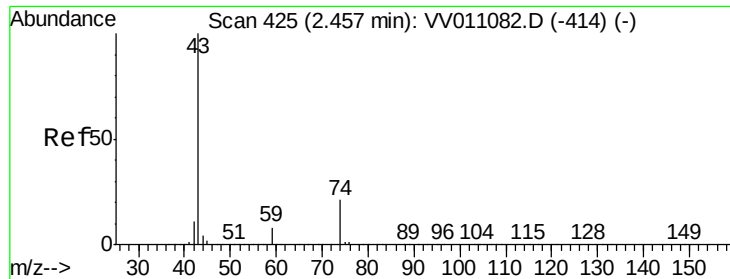
58 27.6 0.0 54.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

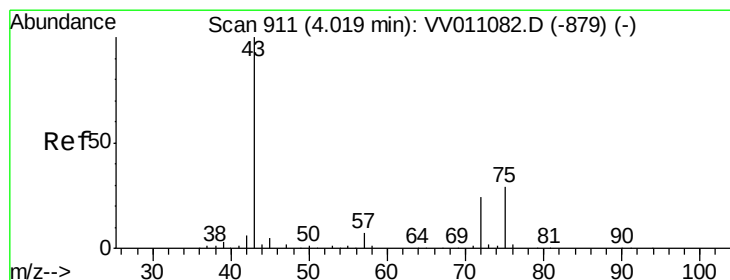
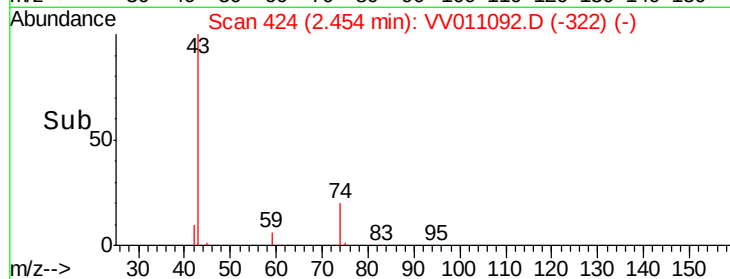
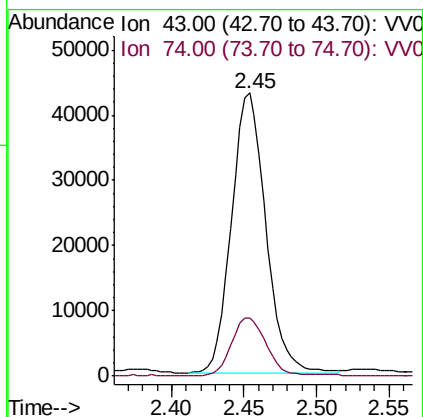
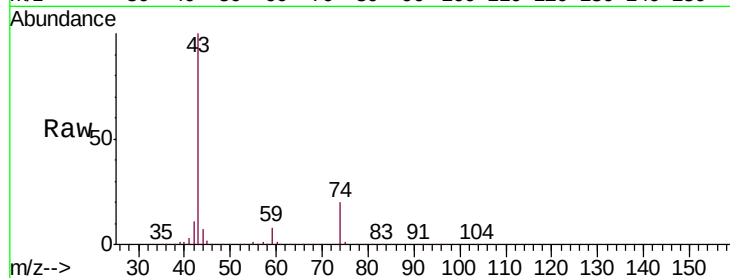




#15
Methyl Acetate
Concen: 25.580 ug/L
RT: 2.45 min Scan# 424
Delta R.T. -0.00 min
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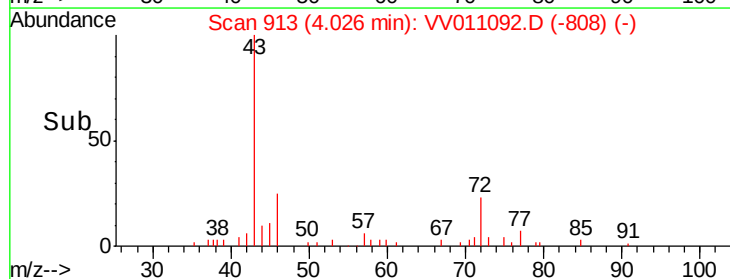
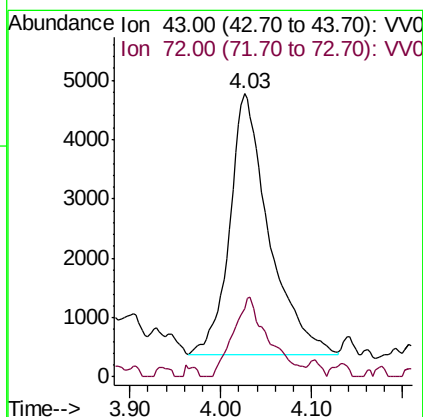
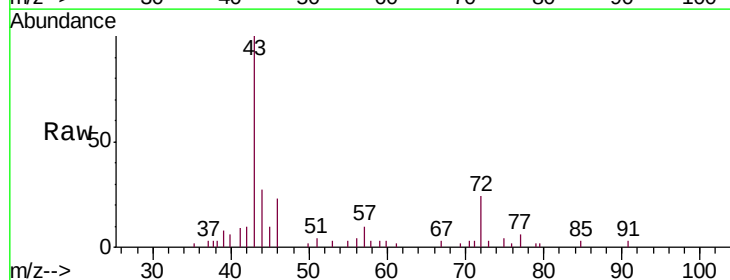
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MSVOA_V
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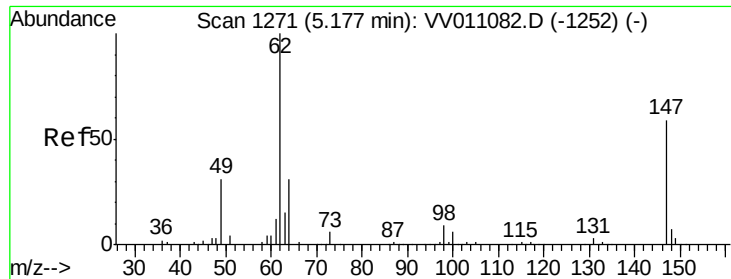
Tgt Ion: 43 Resp: 70228
Ion Ratio Lower Upper
43 100
74 21.4 0.0 0.0#



#21
2-Butanone
Concen: 5.656 ug/L
RT: 4.03 min Scan# 913
Delta R.T. 0.01 min
Lab File: VV011092.D
Acq: 29 May 2019 06:24

Tgt Ion: 43 Resp: 13248
Ion Ratio Lower Upper
43 100
72 27.7 10.7 31.9

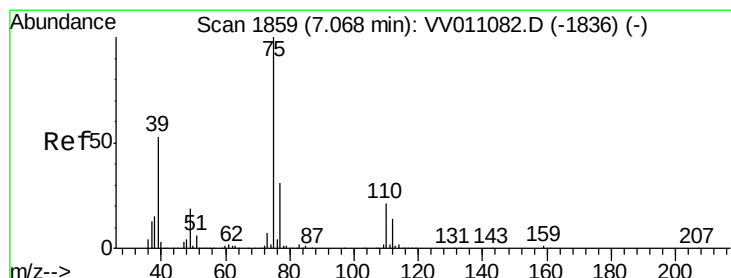
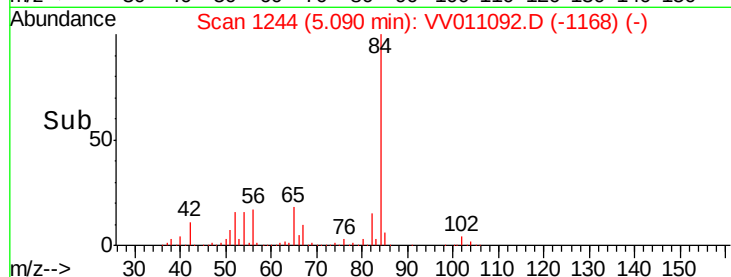
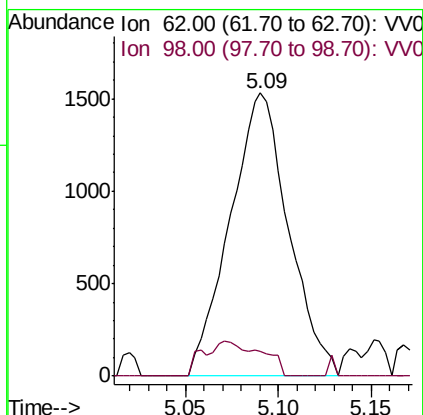
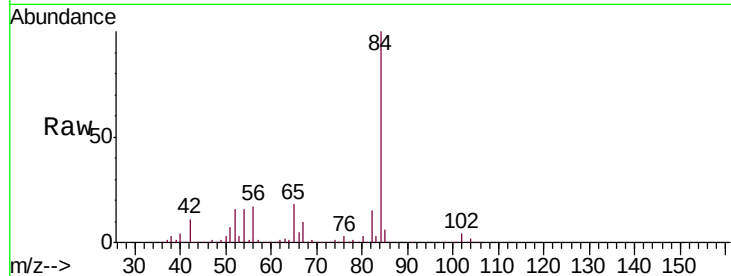




#27
 1,2-Dichloroethane
 Concen: 0.514 ug/L
 RT: 5.09 min Scan# 1244
 Delta R.T. -0.09 min
 Lab File: VV011092.D
 Acq: 29 May 2019 06:24

Instrument :
 MSVOA_V
 ClientSampleId :
 A51D8

Tgt Ion: 62 Resp: 3357
 Ion Ratio Lower Upper
 62 100
 98 8.8 7.4 11.0



#42
 cis-1,3-Dichloropropene
 Concen: 0.647 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.04 min
 Lab File: VV011092.D
 Acq: 29 May 2019 06:24

Tgt Ion: 75 Resp: 5030
 Ion Ratio Lower Upper
 75 100
 77 43.8 22.5 41.7#

