

Data File : VV010700.D
Acq On : 07 May 2019 19:21
Operator : SY/MD
Sample : K2633-08
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJA0

Quant Time: May 08 03:05:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 03:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	86943	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	86164	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	33264	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18503	13.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.80%
7) Chloroethane-d5	1.57	69	20865	18.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.08%
10) 1,1-Dichloroethene-d2	2.12	63	32547	11.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.44%#
20) 2-Butanone-d5	3.94	46	14700	36.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.54%
24) Chloroform-d	4.40	84	49054	20.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.76%
26) 1,2-Dichloroethane-d4	5.08	65	33445	22.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.36%
29) Benzene-d6	5.10	84	92547	20.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.64%
33) 1,2-Dichloropropane-d6	6.12	67	32883	22.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.00%
37) Toluene-d8	7.36	98	73758	16.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.92%
38) trans-1,3-Dichloropropene-	7.66	79	12036	18.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.08%
39) 2-Hexanone-d5	8.13	63	12332	40.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.56%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	27540	20.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	6390	4.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	19.84%#

Target Compounds

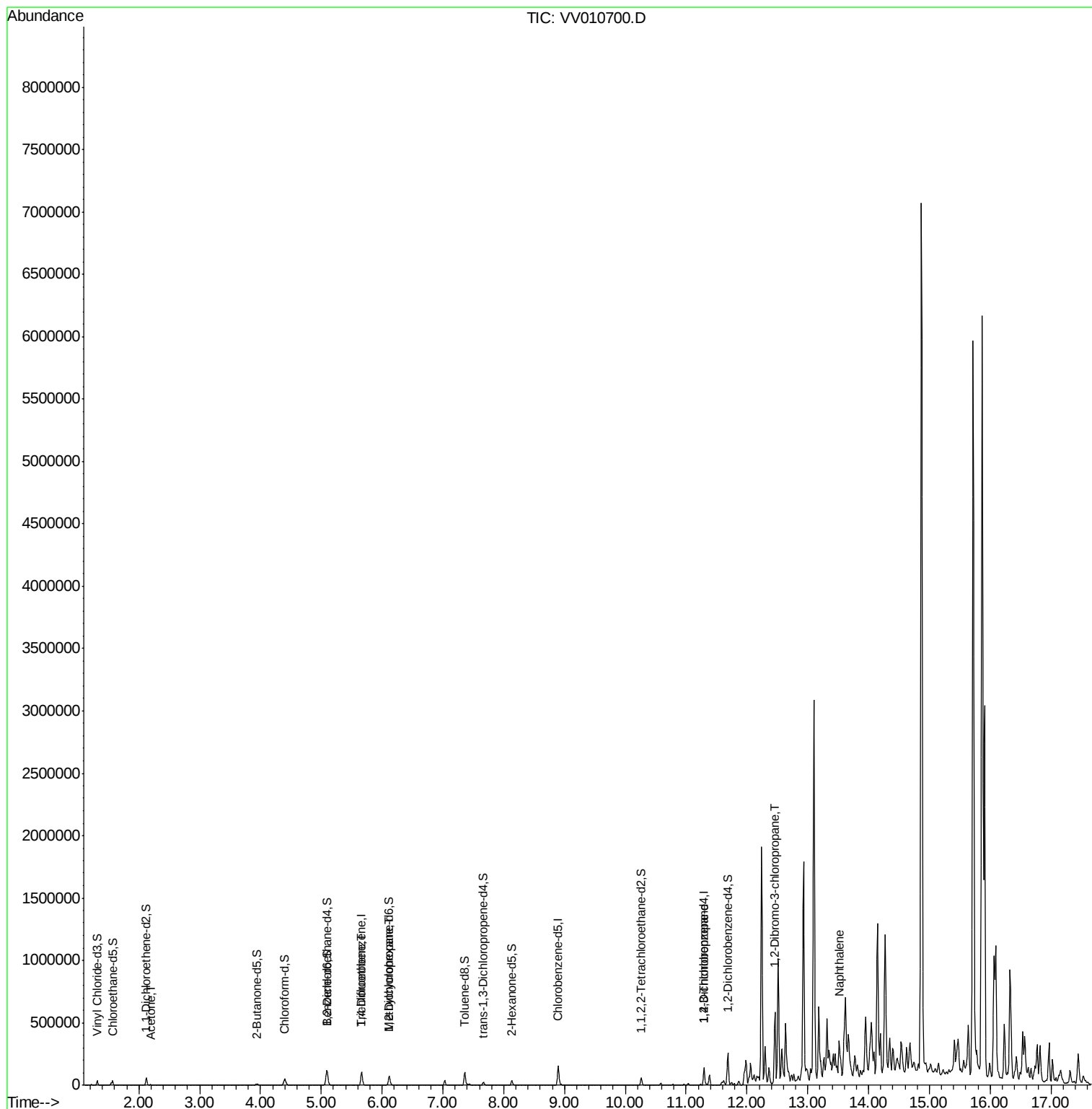
					Qvalue
13) Acetone	2.19	43	2517	4.011 ug/L	99
35) Trichloroethene	5.66	95	2922	2.062 ug/L #	7
36) Methylcyclohexane	6.12	83	7698	3.390 ug/L #	18
59) 1,2,3-Trichloropropane	11.30	75	4506	3.987 ug/L #	76
66) 1,2-Dibromo-3-chloropropan	12.46	75	2883	13.815 ug/L #	7
69) Naphthalene	13.52	128	28139	10.186 ug/L #	1

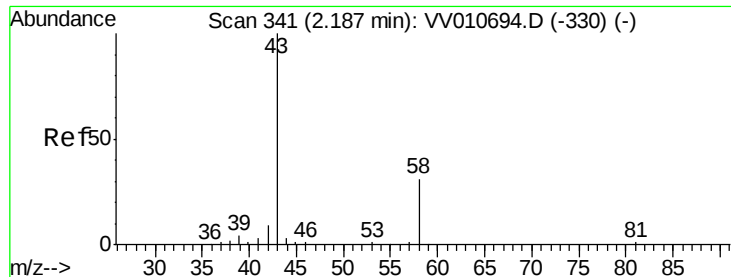
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.011 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

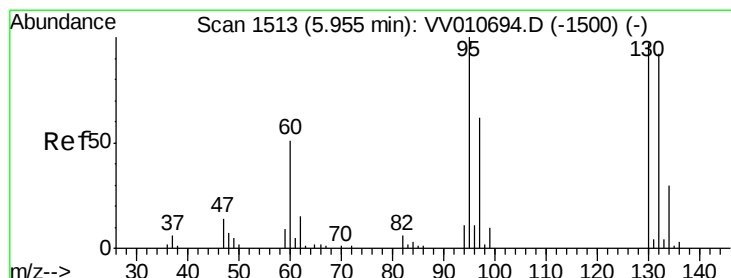
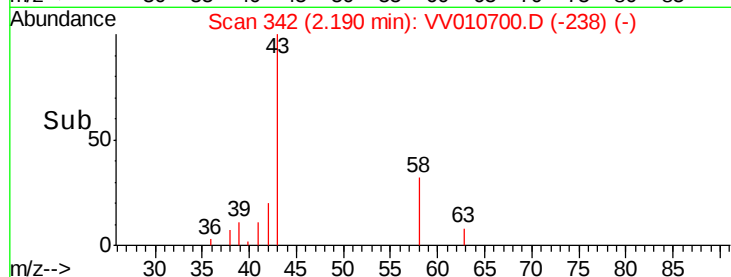
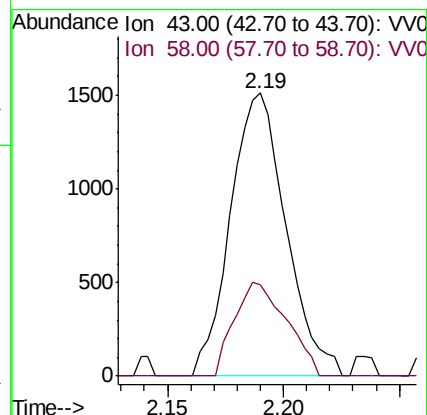
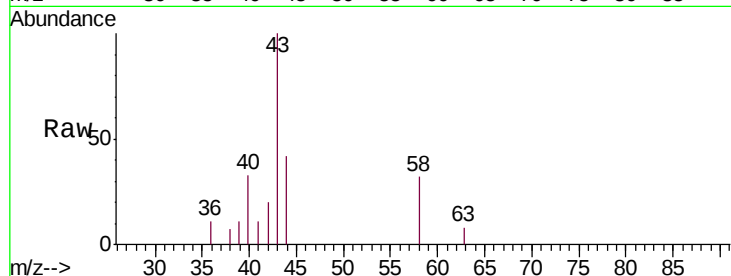
GAJA0

Tgt Ion: 43 Resp: 2517

Ion Ratio Lower Upper

43 100

58 31.1 0.0 63.4



#35

Trichloroethene

Concen: 2.062 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.29 min

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Tgt Ion: 95 Resp: 2922

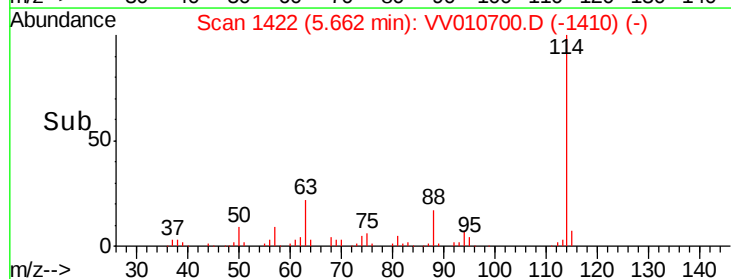
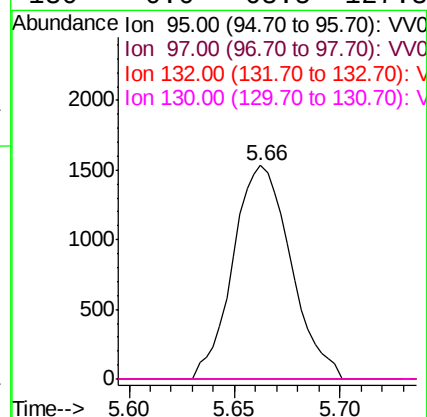
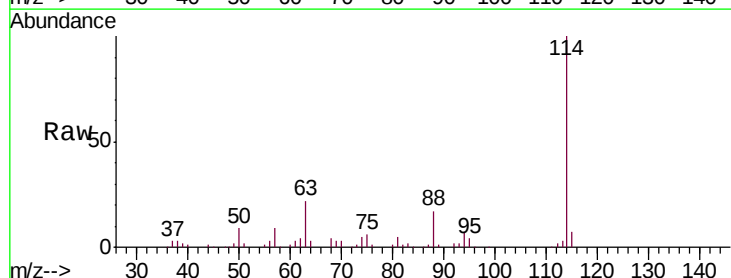
Ion Ratio Lower Upper

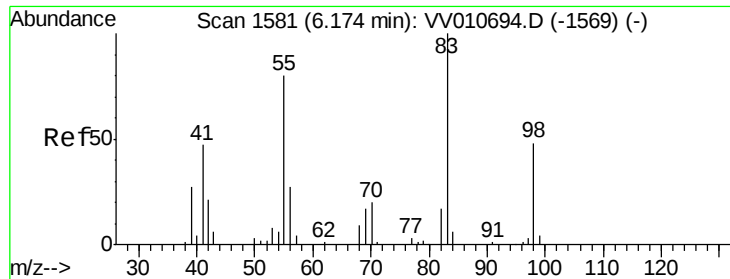
95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#

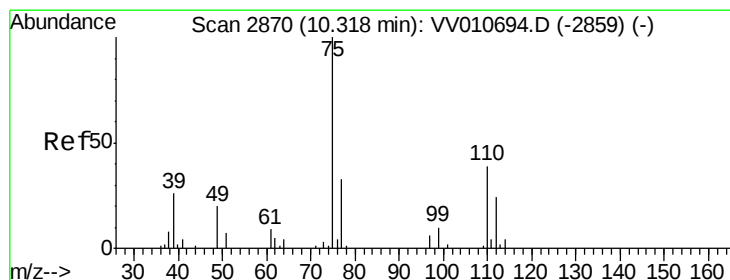
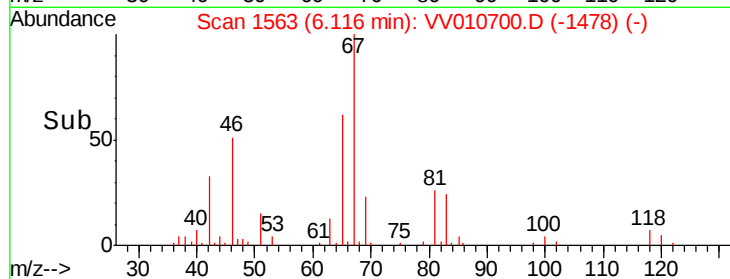
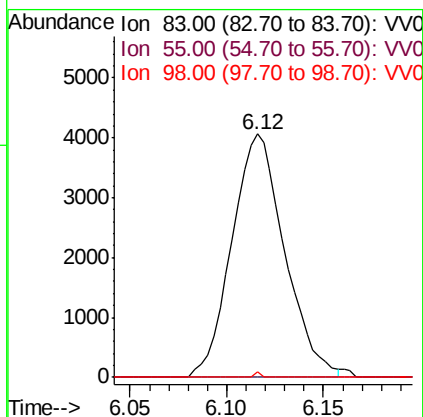
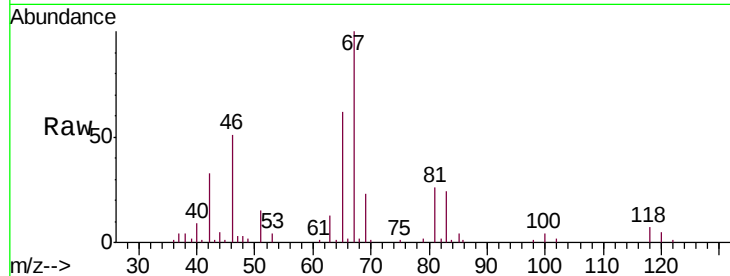




#36
Methylcyclohexane
Concen: 3.390 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010700.D
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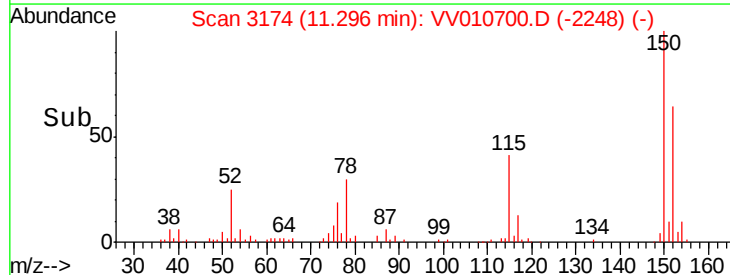
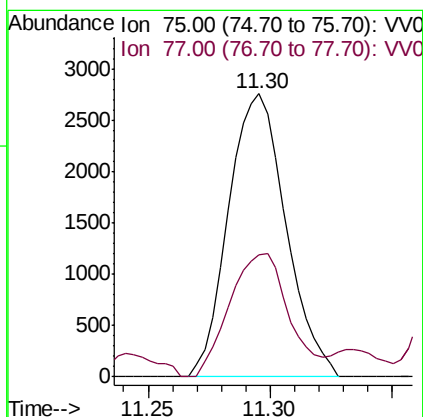
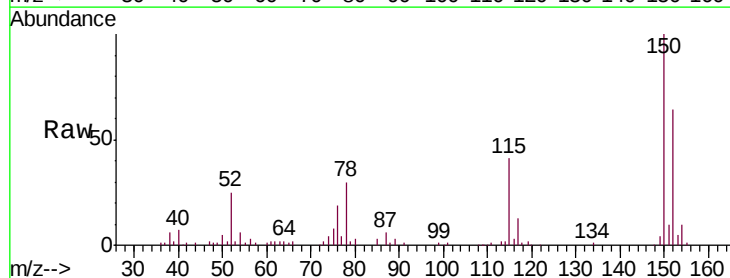
Instrument :
MSVOA_V
ClientSampled :
GAJA0

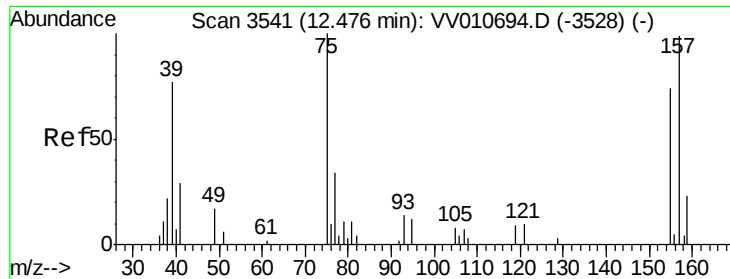
Tgt Ion: 83 Resp: 7698
Ion Ratio Lower Upper
83 100
55 0.0 64.6 96.8#
98 3.1 37.7 56.5#



#59
1,2,3-Trichloropropane
Concen: 3.987 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010700.D
Acq: 07 May 2019 19:21

Tgt Ion: 75 Resp: 4506
Ion Ratio Lower Upper
75 100
77 44.8 25.0 37.6#

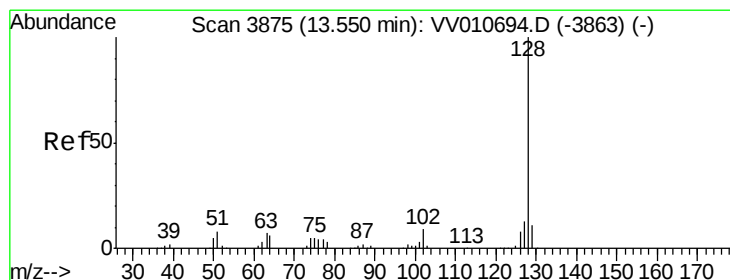
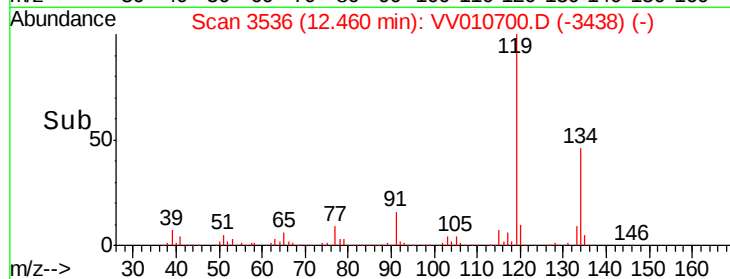
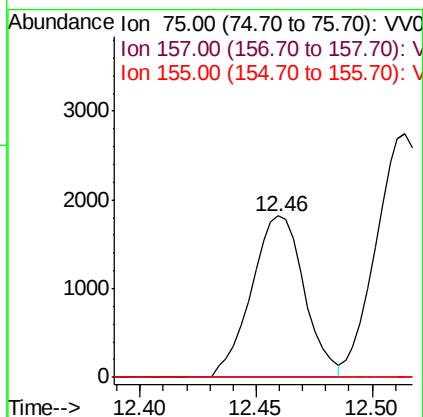
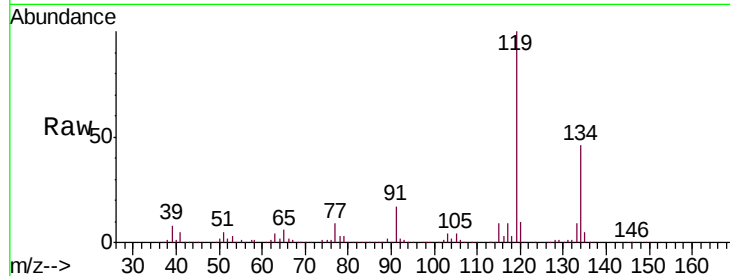




#66
 1,2-Dibromo-3-chloropropane
 Concen: 13.815 ug/L
 RT: 12.46 min Scan# 3536
 Delta R.T. -0.02 min
 Lab File: VV010700.D
 Acq: 07 May 2019 19:21

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJA0

Tgt Ion: 75 Resp: 2883
 Ion Ratio Lower Upper
 75 100
 157 0.0 76.9 115.3#
 155 0.0 57.9 86.9#



#69
 Naphthalene
 Concen: 10.186 ug/L
 RT: 13.52 min Scan# 3865
 Delta R.T. -0.03 min
 Lab File: VV010700.D
 Acq: 07 May 2019 19:21

Tgt Ion: 128 Resp: 28139
 Ion Ratio Lower Upper
 128 100
 129 146.4 8.3 12.5#
 127 36.3 10.8 16.2#

