

Data File : VV010708.D
Acq On : 07 May 2019 23:06
Operator : SY/MD
Sample : K2633-17
Misc : 5.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJA9

Quant Time: May 08 03:06:44 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	5.67	114	15733	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	17324	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	5545	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	3247	13.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.12%
7) Chloroethane-d5	1.58	69	3732	18.56	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.24%
10) 1,1-Dichloroethene-d2	2.13	63	5171	9.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	39.00%#
20) 2-Butanone-d5	3.95	46	4260	58.08	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.16%
24) Chloroform-d	4.41	84	10854	25.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.08	65	7993	29.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.36%
29) Benzene-d6	5.10	84	19227	21.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.36%
33) 1,2-Dichloropropane-d6	6.12	67	7581	26.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.36%
37) Toluene-d8	7.36	98	17247	19.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.00%
38) trans-1,3-Dichloropropene-	7.67	79	2513	18.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.88%
39) 2-Hexanone-d5	8.14	63	3076	50.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.18%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	7940	29.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	5623	26.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.72%

Target Compounds

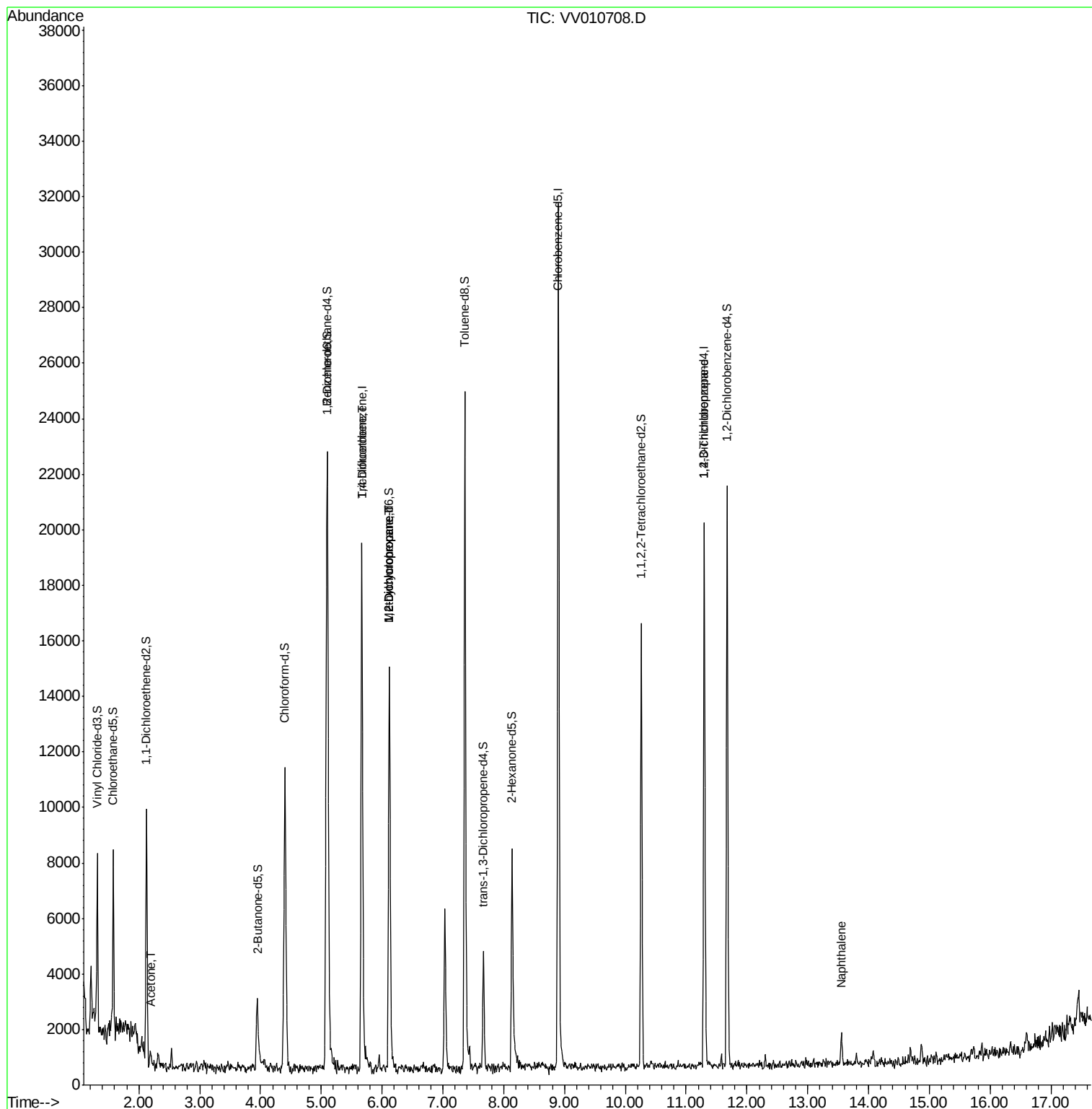
					Qvalue
13) Acetone	2.19	43	383	3.373 ug/L	100
35) Trichloroethene	5.67	95	416	1.460 ug/L #	7
36) Methylcyclohexane	6.11	83	1534	3.360 ug/L #	17
40) 1,2-Dichloropropane	6.12	63	810	2.994 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	765	3.366 ug/L #	81
69) Naphthalene	13.56	128	1557	3.381 ug/L #	72

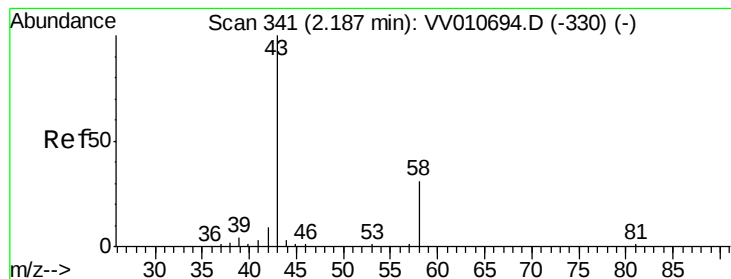
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.373 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010708.D

Acq: 07 May 2019 23:06

Instrument :

MSVOA_V

ClientSampleId :

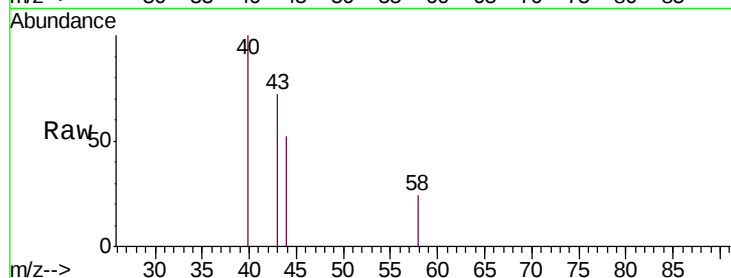
GAJA9

Tgt Ion: 43 Resp: 383

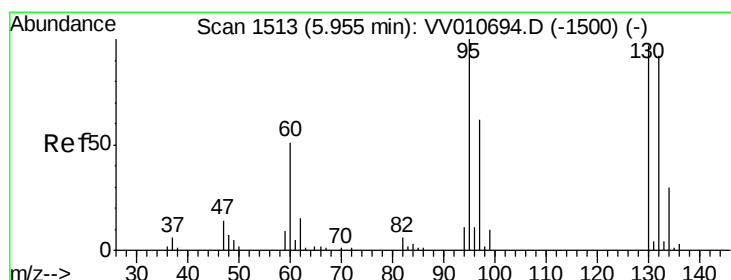
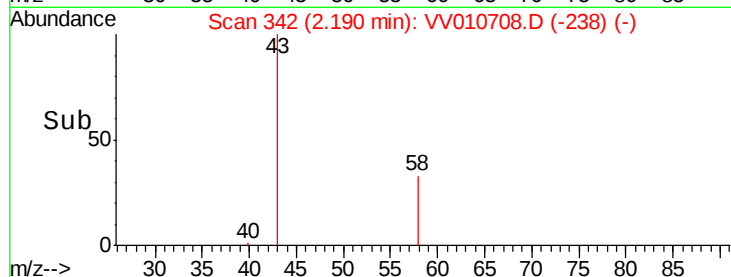
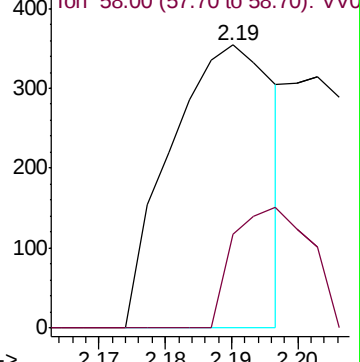
Ion Ratio Lower Upper

43 100

58 31.9 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010694.D (-330) (-)



#35

Trichloroethene

Concen: 1.460 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV010708.D

Acq: 07 May 2019 23:06

Tgt Ion: 95 Resp: 416

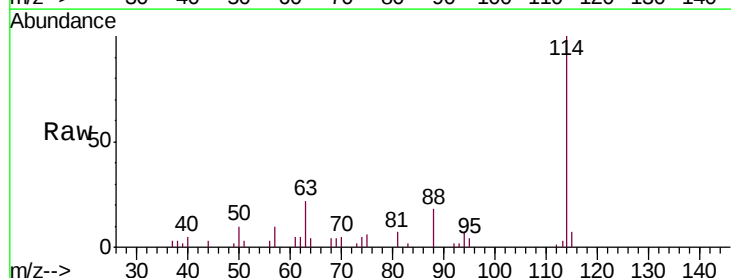
Ion Ratio Lower Upper

95 100

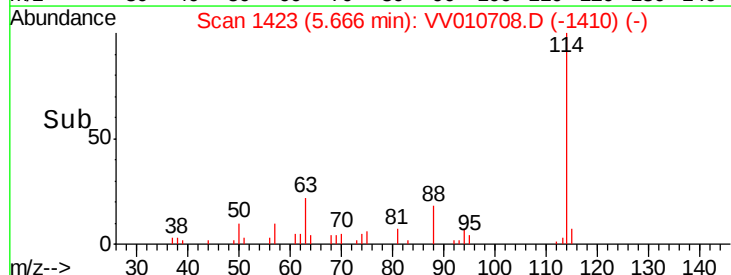
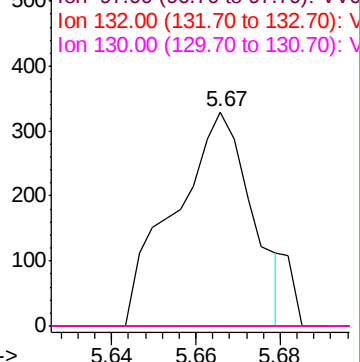
97 0.0 44.3 82.3#

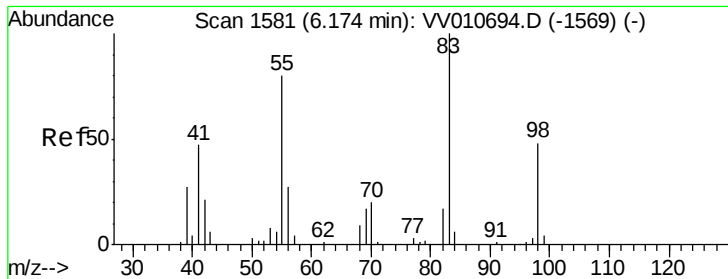
132 0.0 62.4 115.8#

130 0.0 68.5 127.3#



Abundance Ion 95.00 (94.70 to 95.70): VV010694.D (-1500) (-)

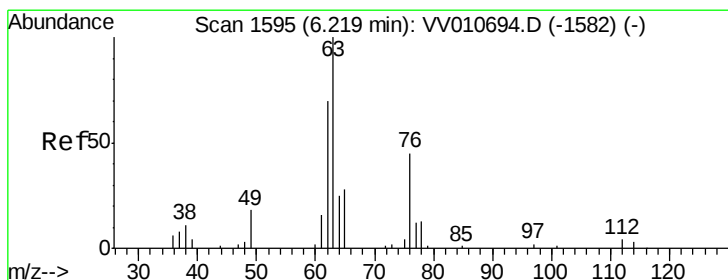
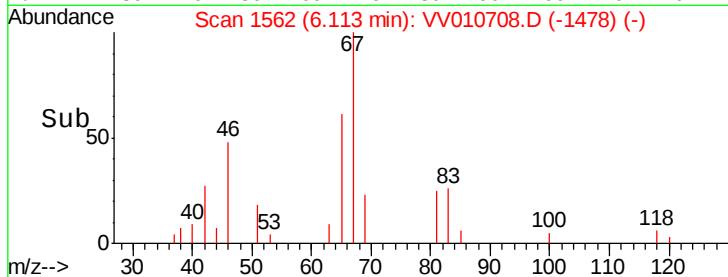
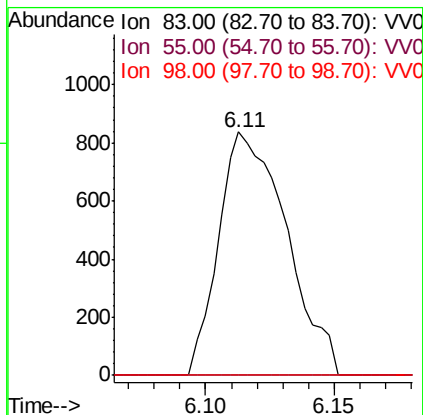
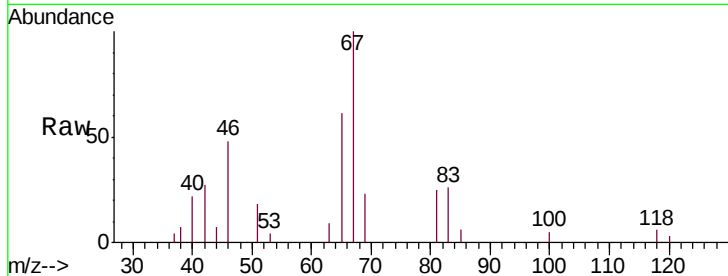




#36
Methylcyclohexane
Concen: 3.360 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV010708.D
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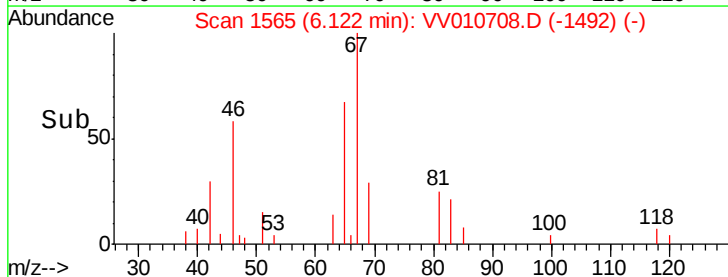
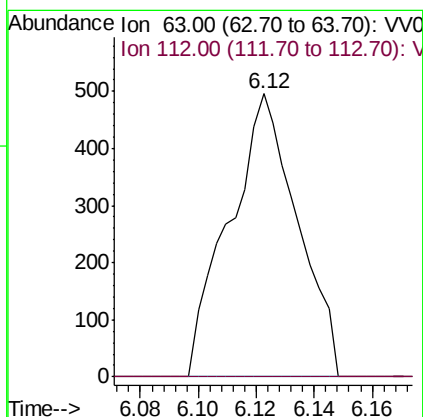
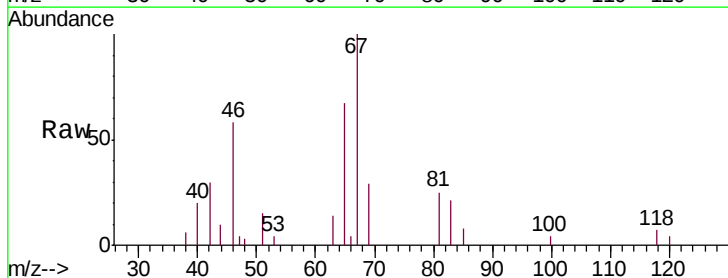
Instrument :
MSVOA_V
ClientSampled :
GAJA9

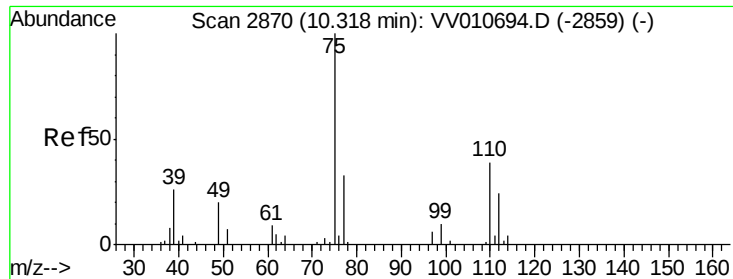
Tgt Ion: 83 Resp: 1534
Ion Ratio Lower Upper
83 100
55 0.0 64.6 96.8#
98 0.0 37.7 56.5#



#40
1,2-Dichloropropane
Concen: 2.994 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV010708.D
Acq: 07 May 2019 23:06

Tgt Ion: 63 Resp: 810
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

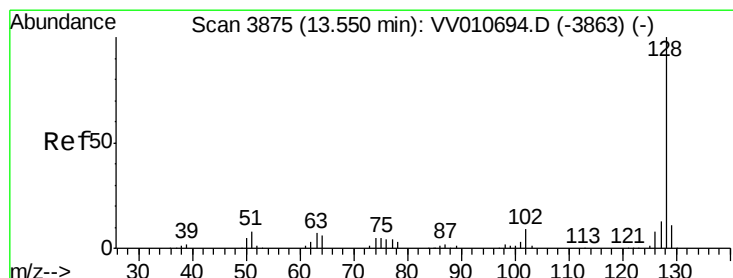
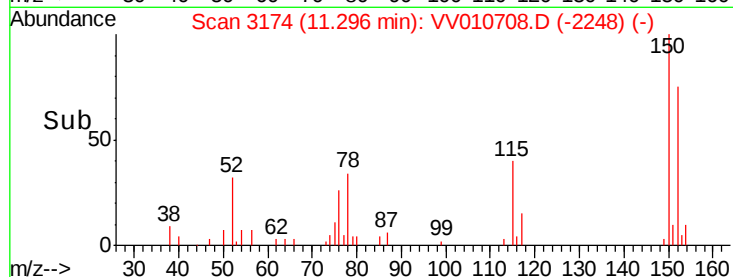
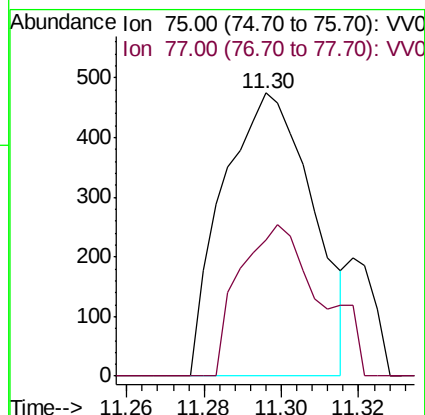
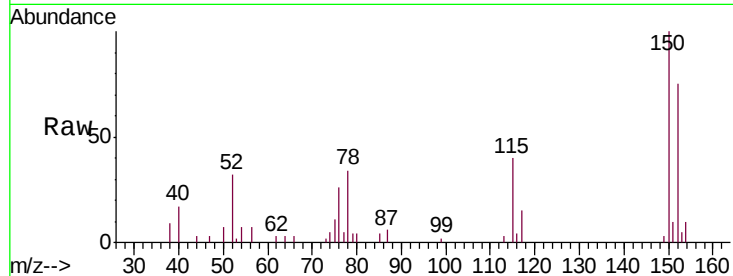




#59
 1,2,3-Trichloropropane
 Concen: 3.366 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010708.D
 Acq: 07 May 2019 23:06

Instrument :
 MSVOA_V
 ClientSampled :
 GAJA9

Tgt Ion: 75 Resp: 765
 Ion Ratio Lower Upper
 75 100
 77 42.0 25.0 37.6#



#69
 Naphthalene
 Concen: 3.381 ug/L
 RT: 13.56 min Scan# 3877
 Delta R.T. 0.01 min
 Lab File: VV010708.D
 Acq: 07 May 2019 23:06

Tgt Ion: 128 Resp: 1557
 Ion Ratio Lower Upper
 128 100
 129 3.0 8.3 12.5#
 127 0.0 10.8 16.2#

