

Data File : VV010653.D
Acq On : 03 May 2019 09:24
Operator : SY/MD
Sample : K2604-23
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ94

Quant Time: May 03 23:16:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 23:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	194232	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	179872	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	76738	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32573	13.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.00%
7) Chloroethane-d5	1.56	69	27467	15.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.84%
10) 1,1-Dichloroethene-d2	2.11	63	50961	11.82	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.28%
20) 2-Butanone-d5	3.92	46	31664	42.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.64%
24) Chloroform-d	4.39	84	93909	18.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.88%
26) 1,2-Dichloroethane-d4	5.07	65	58359	20.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.20%
29) Benzene-d6	5.09	84	201909	21.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.64%
33) 1,2-Dichloropropane-d6	6.11	67	65770	23.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.12%
37) Toluene-d8	7.36	98	183585	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.00%
38) trans-1,3-Dichloropropene-	7.66	79	22668	19.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.84%
39) 2-Hexanone-d5	8.13	63	24522	48.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.48%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	53989	20.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	64665	21.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.60%

Target Compounds

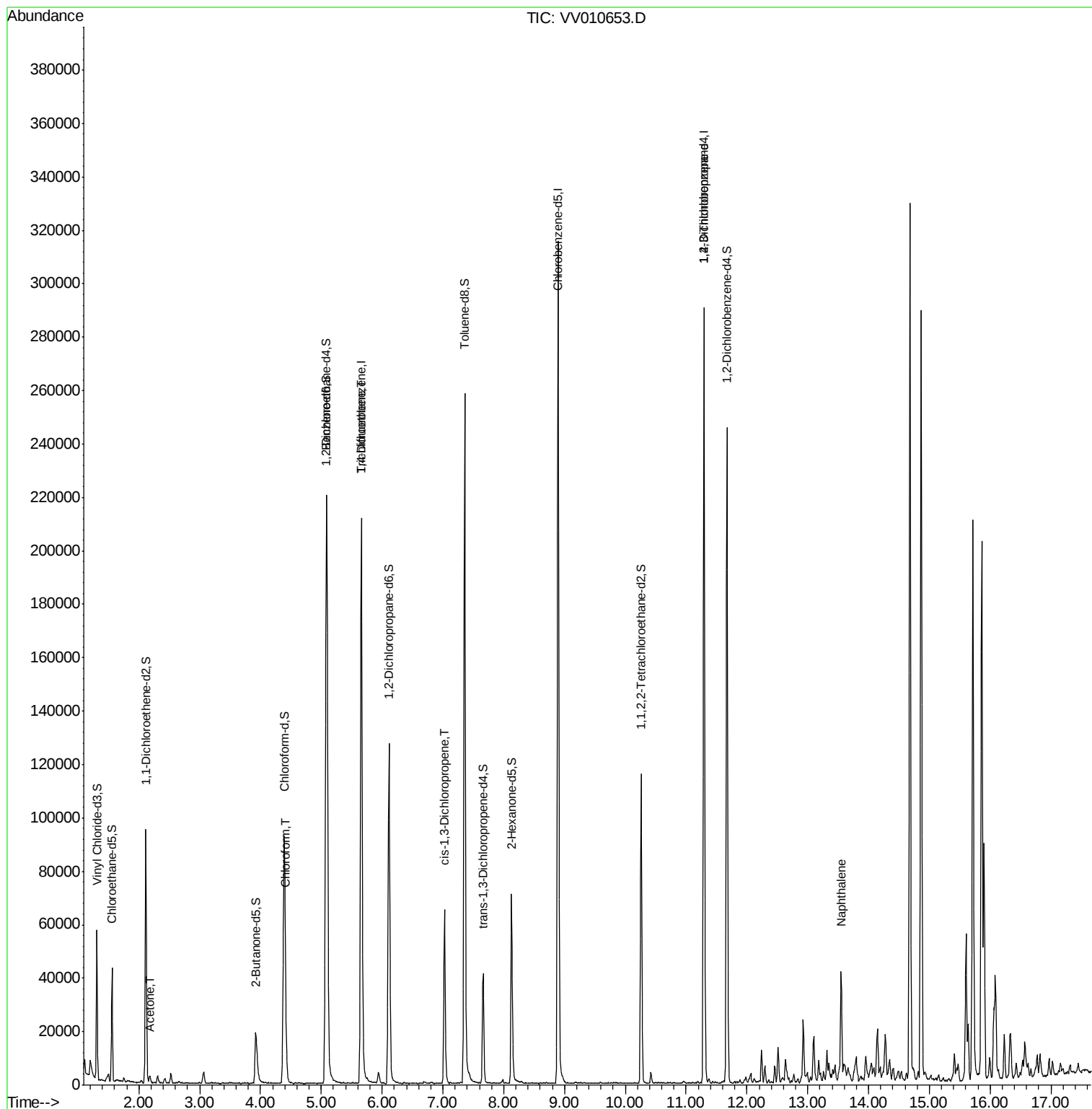
					Qvalue
13) Acetone	2.18	43	1996	3.112 ug/L	93
25) Chloroform	4.42	83	7746	1.617 ug/L	91
35) Trichloroethene	5.66	95	4756	1.939 ug/L #	4
42) cis-1,3-Dichloropropene	7.03	75	1880	0.575 ug/L #	60
59) 1,2,3-Trichloropropane	11.29	75	8874	5.063 ug/L	89
69) Naphthalene	13.55	128	30378	6.193 ug/L	99

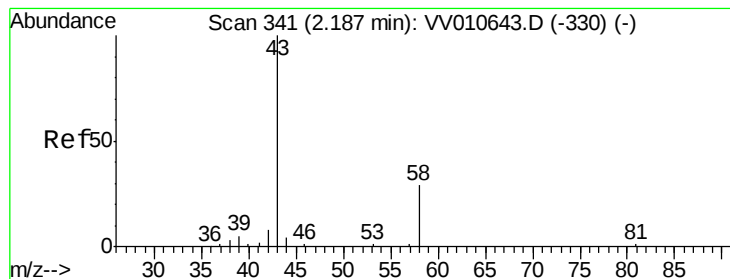
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.112 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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ClientSampleId :

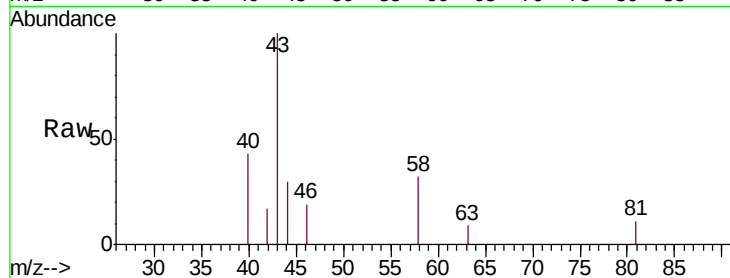
GAJ94

Tgt Ion: 43 Resp: 1996

Ion Ratio Lower Upper

43 100

58 32.8 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VV010643.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010643.D (-330) (-)

2.18

1500

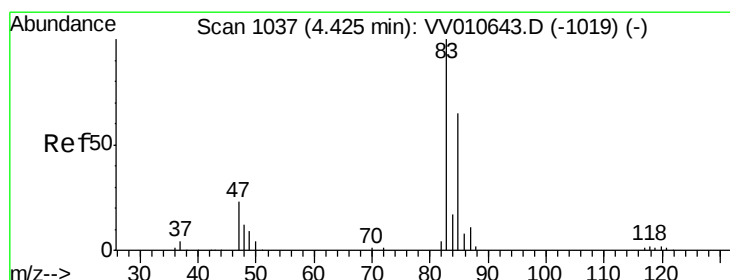
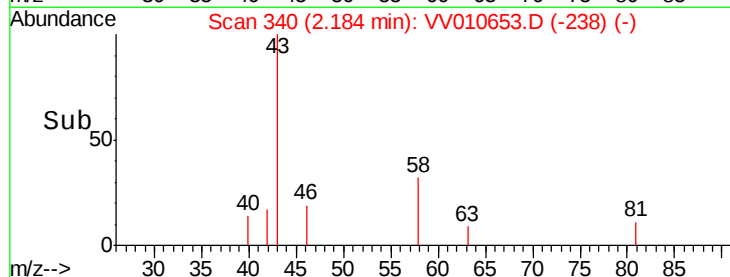
1000

500

0

Time-->

2.14 2.16 2.18 2.20 2.22



#25

Chloroform

Concen: 1.617 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

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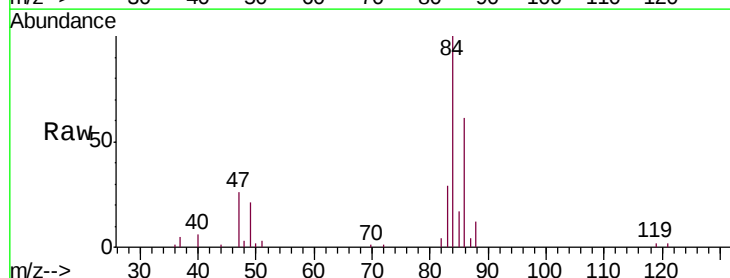
Acq: 03 May 2019 09:24

Tgt Ion: 83 Resp: 7746

Ion Ratio Lower Upper

83 100

85 59.2 46.3 86.1



Abundance Ion 83.00 (82.70 to 83.70): VV010643.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV010643.D (-1019) (-)

4.42

3000

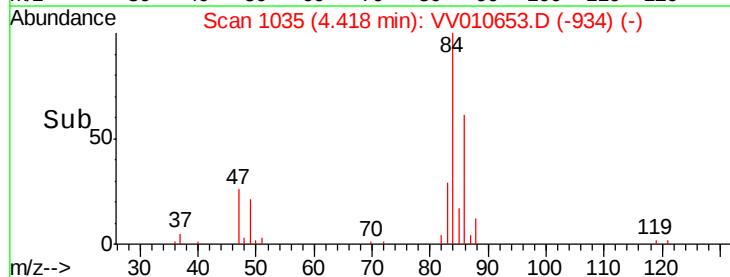
2000

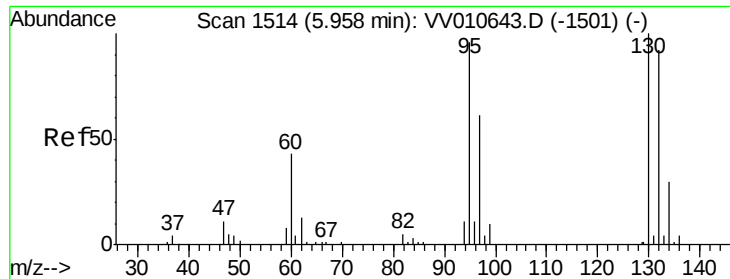
1000

0

Time-->

4.35 4.40 4.45 4.50





#35

Trichloroethene

Concen: 1.939 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.30 min

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Instrument :

MSVOA_V

ClientSampleId :

GAJ94

Tgt Ion: 95 Resp: 4756

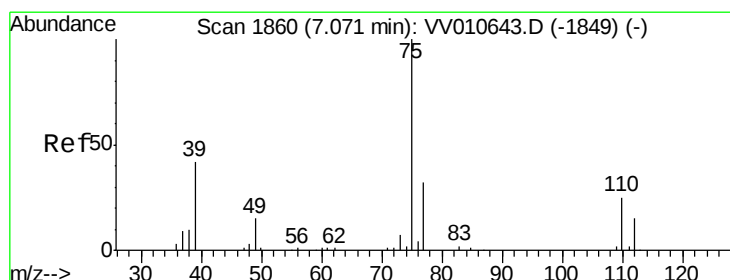
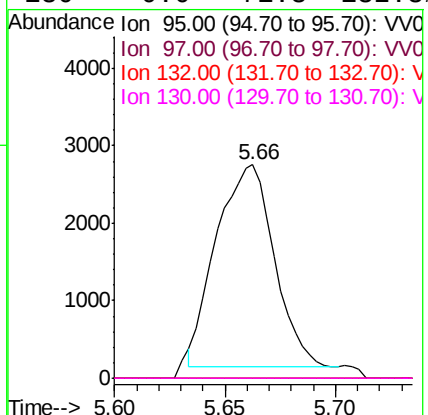
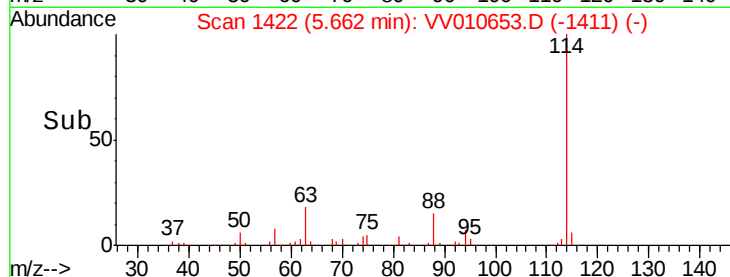
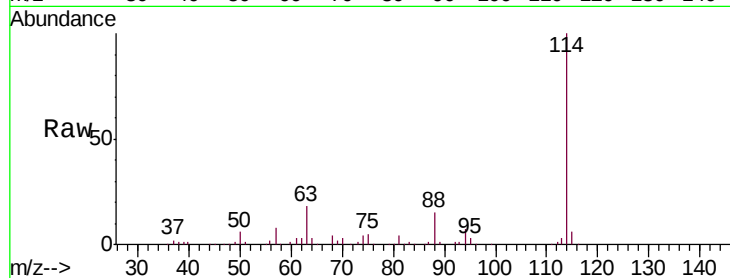
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 69.9 129.9#

130 0.0 71.3 132.3#



#42

cis-1,3-Dichloropropene

Concen: 0.575 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

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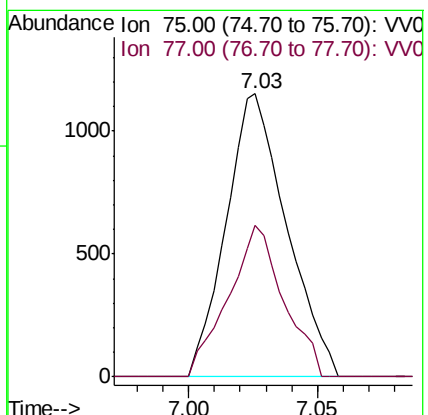
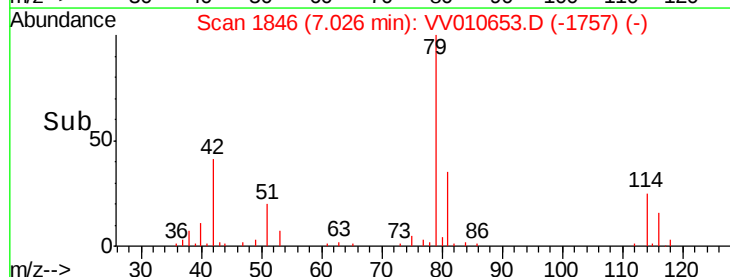
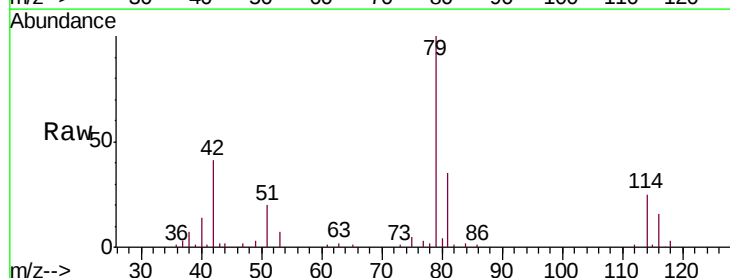
Acq: 03 May 2019 09:24

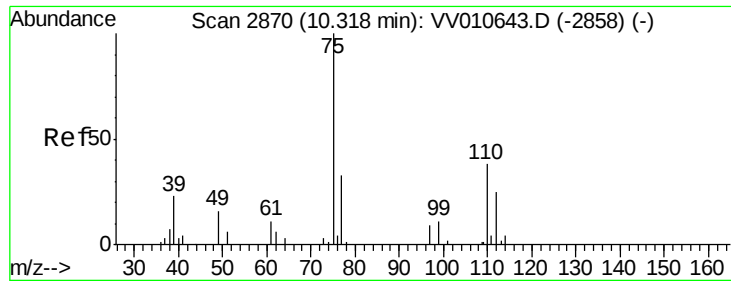
Tgt Ion: 75 Resp: 1880

Ion Ratio Lower Upper

75 100

77 53.4 21.8 40.4#

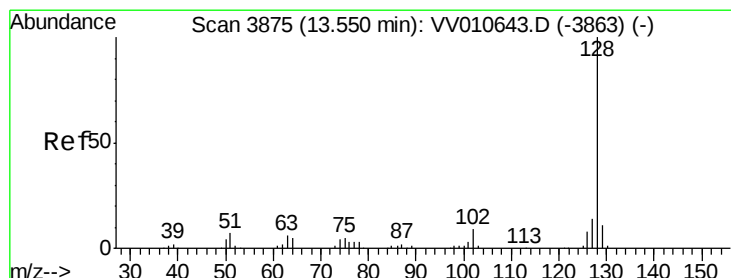
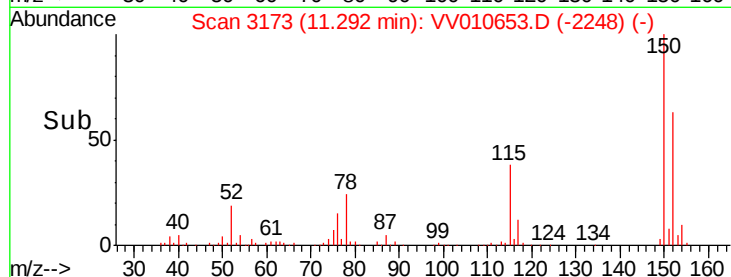
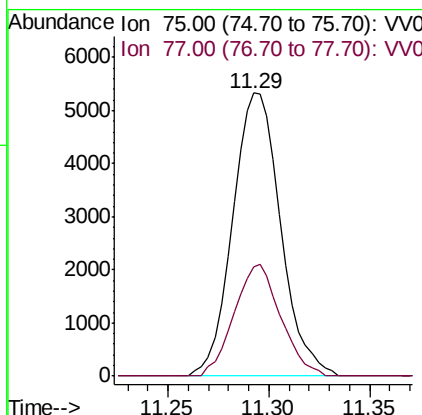
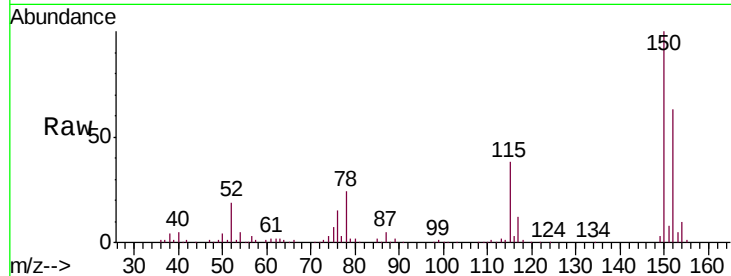




#59
 1,2,3-Trichloropropane
 Concen: 5.063 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010653.D
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Tgt Ion: 75 Resp: 8874
 Ion Ratio Lower Upper
 75 100
 77 38.1 25.6 38.4



#69
 Naphthalene
 Concen: 6.193 ug/L
 RT: 13.55 min Scan# 3875
 Delta R.T. 0.00 min
 Lab File: VV010653.D
 Acq: 03 May 2019 09:24

Tgt Ion: 128 Resp: 30378
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.6 13.0
 127 12.8 10.6 15.8

