

Data File : VV010730.D
Acq On : 08 May 2019 17:01
Operator : SY/MD
Sample : K2303-23
Misc : 5.08G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: May 09 02:58:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 02:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	94682	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	99336	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43427	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34305	23.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.28%
7) Chloroethane-d5	1.57	69	31292	25.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.40%
10) 1,1-Dichloroethene-d2	2.13	63	54695	17.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.56%
20) 2-Butanone-d5	3.94	46	23140	52.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.86%
24) Chloroform-d	4.40	84	64485	24.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.92%
26) 1,2-Dichloroethane-d4	5.08	65	42738	26.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.04%
29) Benzene-d6	5.10	84	131338	25.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.48%
33) 1,2-Dichloropropane-d6	6.12	67	42204	25.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.32%
37) Toluene-d8	7.36	98	123068	24.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.32%
38) trans-1,3-Dichloropropene-	7.66	79	17180	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.48%
39) 2-Hexanone-d5	8.13	63	17312	49.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.32%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	36219	23.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	43640	25.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.80%

Target Compounds

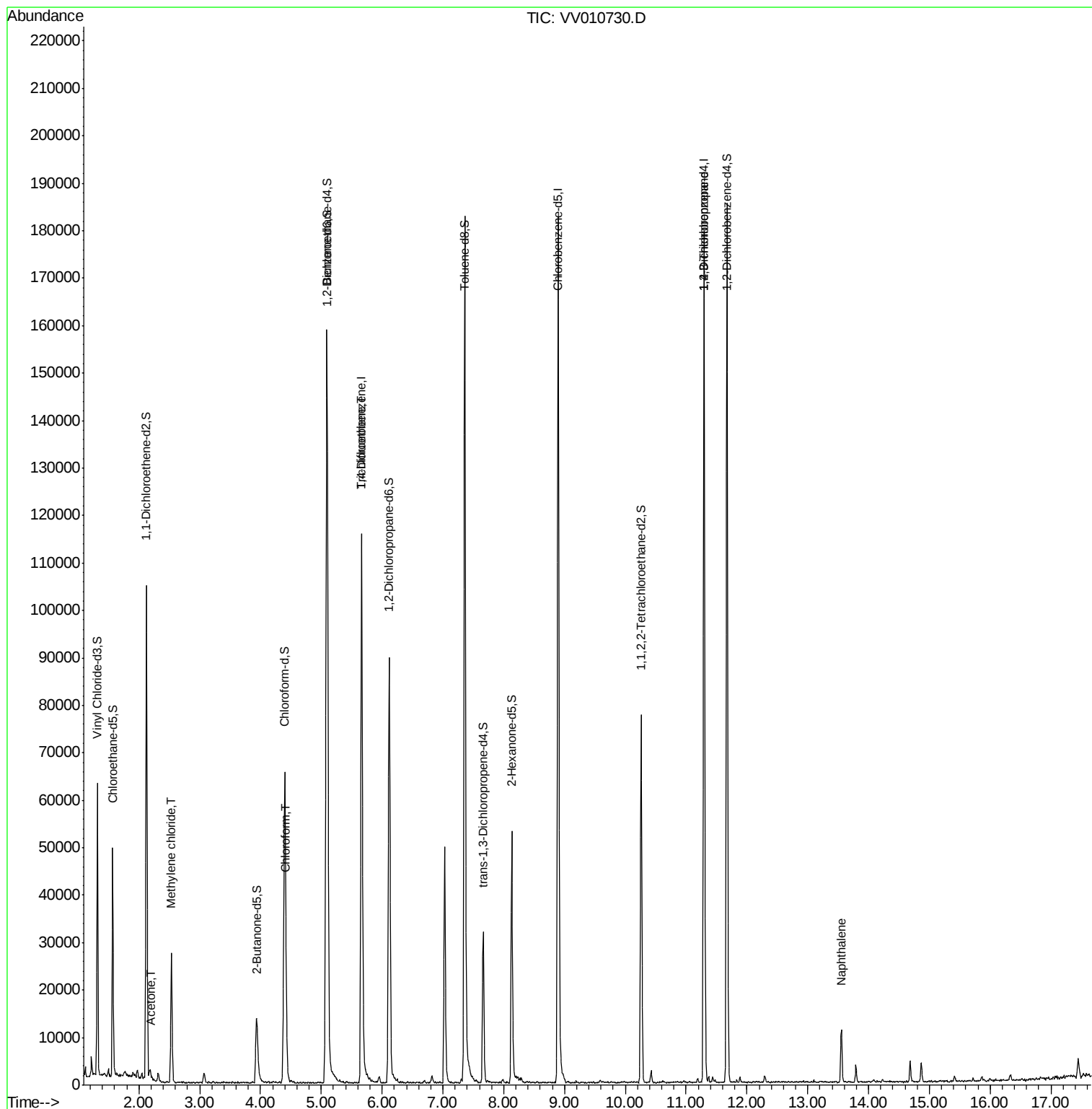
					Qvalue
13) Acetone	2.19	43	877	1.283 ug/L	67
16) Methylene chloride	2.53	84	10262	7.010 ug/L	93
25) Chloroform	4.43	83	2865	1.000 ug/L #	69
35) Trichloroethene	5.66	95	2992	1.832 ug/L #	8
59) 1,2,3-Trichloropropane	11.29	75	6380	4.896 ug/L	91
69) Naphthalene	13.55	128	9099	2.523 ug/L	99

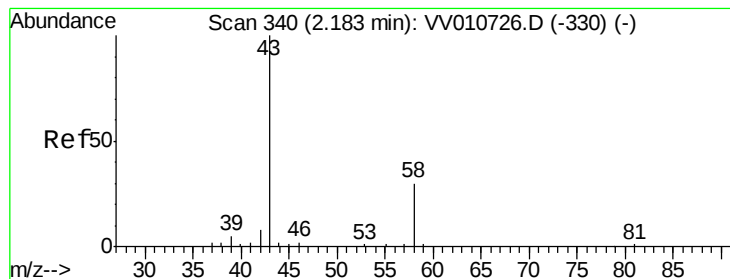
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.283 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampled :

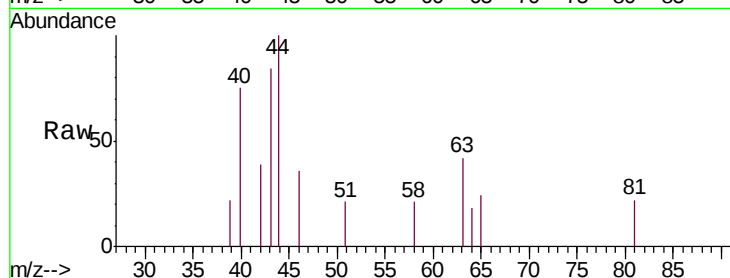
VHBLK01

Tgt Ion: 43 Resp: 877

Ion Ratio Lower Upper

43 100

58 13.1 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

500

400

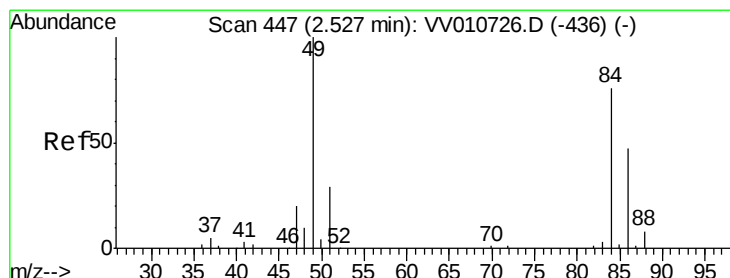
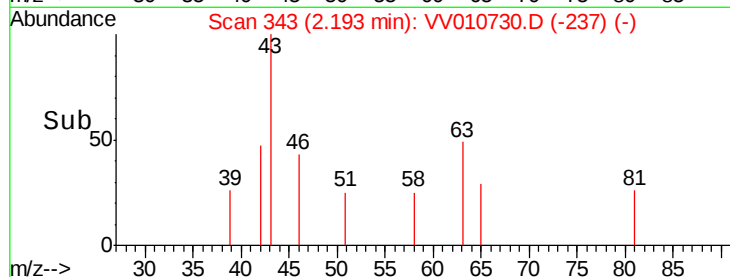
300

200

100

0

Time--> 2.14 2.16 2.18 2.20 2.22



#16

Methylene chloride

Concen: 7.010 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.01 min

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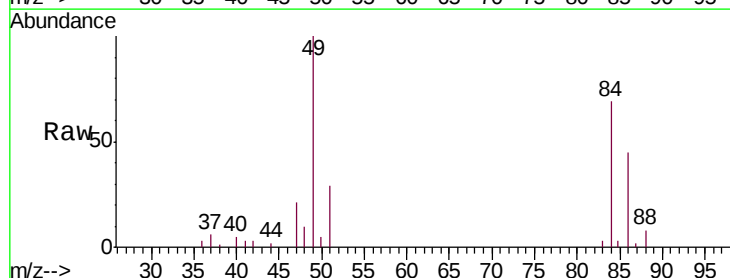
Tgt Ion: 84 Resp: 10262

Ion Ratio Lower Upper

84 100

49 144.7 92.9 172.5

86 64.9 46.5 86.5



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

12000

10000

8000

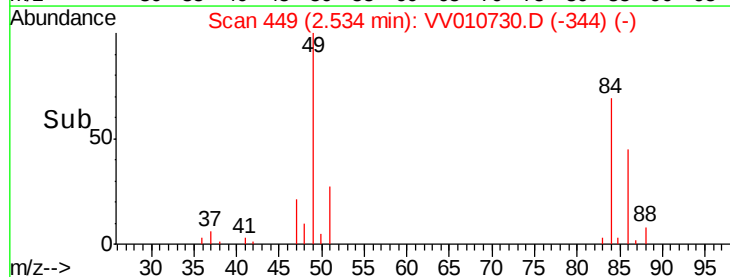
6000

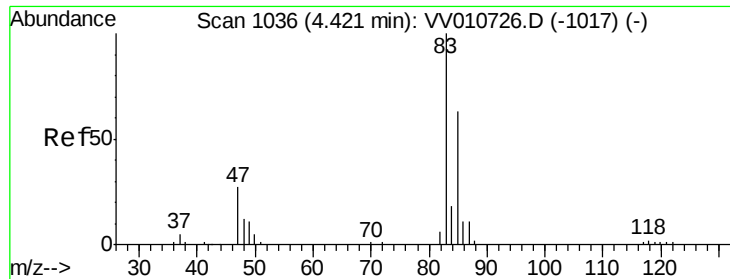
4000

2000

0

Time--> 2.50 2.55

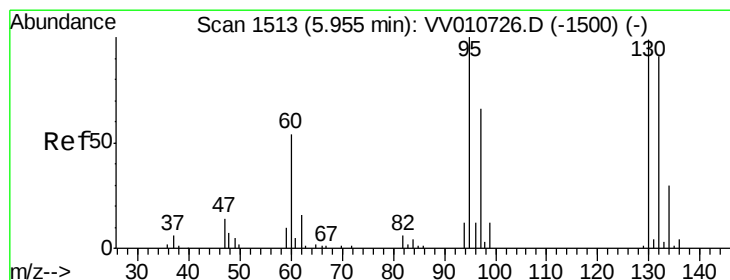
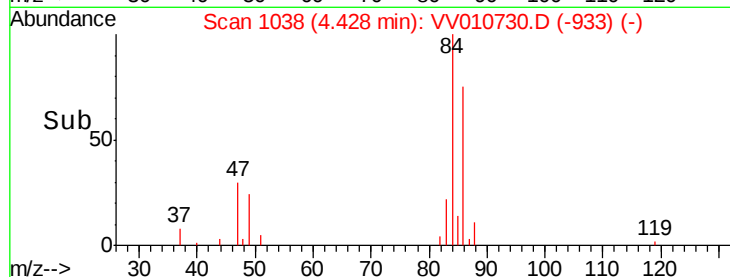
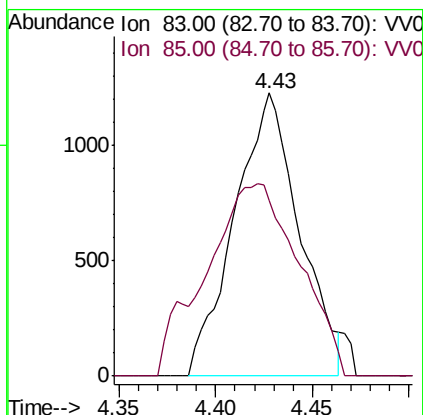
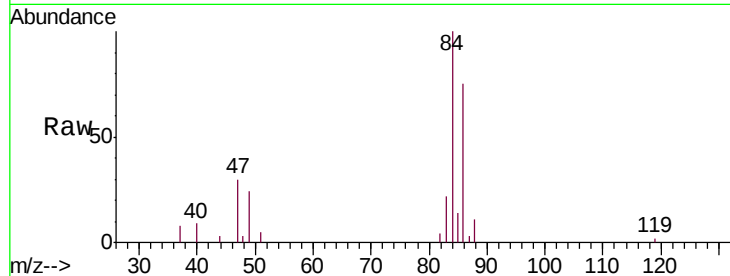




#25
Chloroform
Concen: 1.000 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
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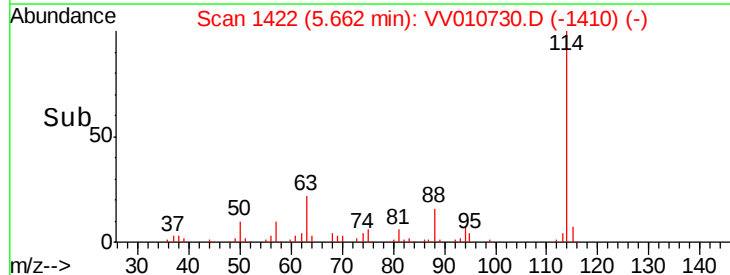
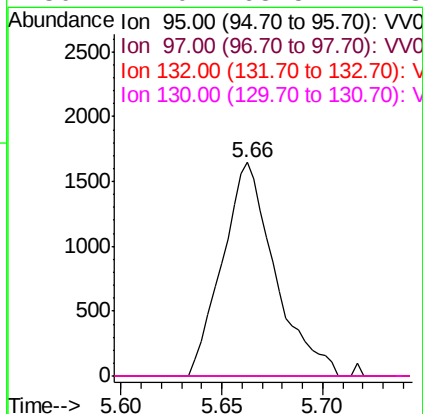
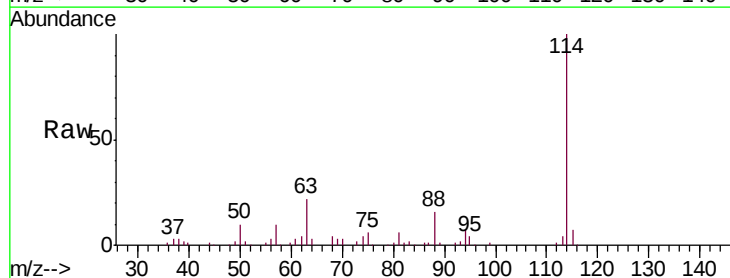
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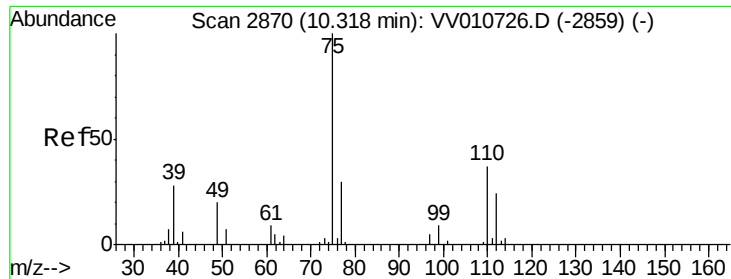
Tgt Ion: 83 Resp: 2865
Ion Ratio Lower Upper
83 100
85 88.2 44.6 82.8#



#35
Trichloroethene
Concen: 1.832 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV010730.D
Acq: 08 May 2019 17:01

Tgt Ion: 95 Resp: 2992
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 62.4 115.8#
130 2.0 68.5 127.3#

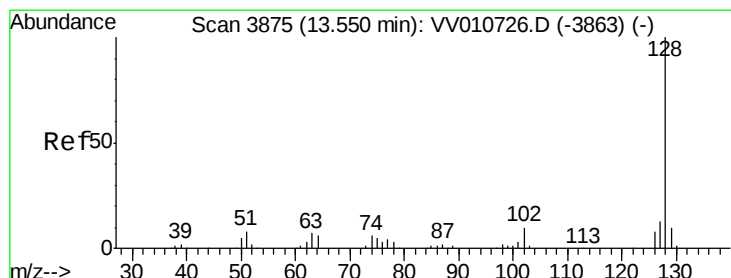
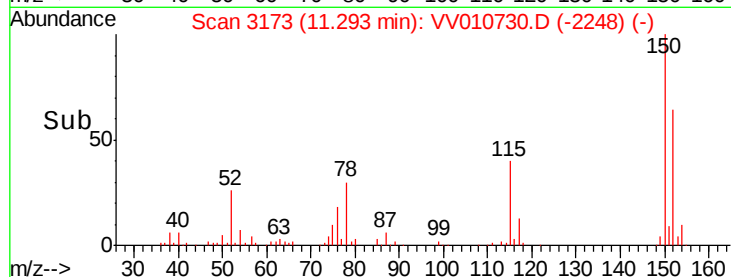
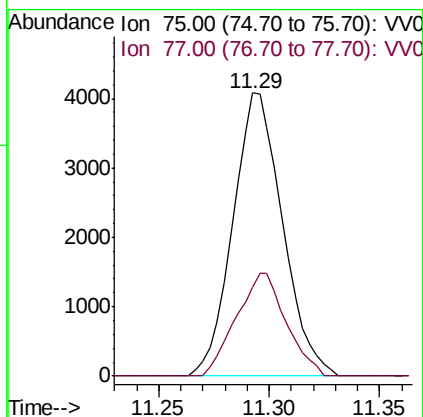
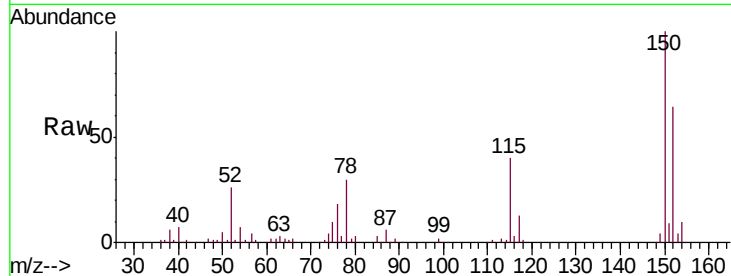




#59
 1,2,3-Trichloropropane
 Concen: 4.896 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010730.D
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 MSVOA_V
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 VHBLK01

Tgt Ion: 75 Resp: 6380
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.0 37.6



#69
 Naphthalene
 Concen: 2.523 ug/L
 RT: 13.55 min Scan# 3876
 Delta R.T. 0.00 min
 Lab File: VV010730.D
 Acq: 08 May 2019 17:01

Tgt Ion: 128 Resp: 9099
 Ion Ratio Lower Upper
 128 100
 129 10.4 8.3 12.5
 127 12.4 10.8 16.2

