

Data File : VV010284.D
Acq On : 12 Apr 2019 13:45
Operator : SY/MD
Sample : K2328-01
Misc : 4.51G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB702

Quant Time: Apr 13 04:51:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:47:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	275423	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	270624	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121792	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49492	15.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.44%
7) Chloroethane-d5	1.57	69	53641	19.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.76%
10) 1,1-Dichloroethene-d2	2.13	63	108052	13.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.56%
20) 2-Butanone-d5	3.93	46	46041	57.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.76%
24) Chloroform-d	4.40	84	133252	21.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.76%
26) 1,2-Dichloroethane-d4	5.08	65	86965	24.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.12%
29) Benzene-d6	5.10	84	271955	20.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.36%
33) 1,2-Dichloropropane-d6	6.12	67	87479	22.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.16%
37) Toluene-d8	7.36	98	255440	20.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.28%
38) trans-1,3-Dichloropropene-	7.66	79	33645	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.16%
39) 2-Hexanone-d5	8.13	63	32618	48.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.32%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	85330	24.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	106485	23.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.68%

Target Compounds

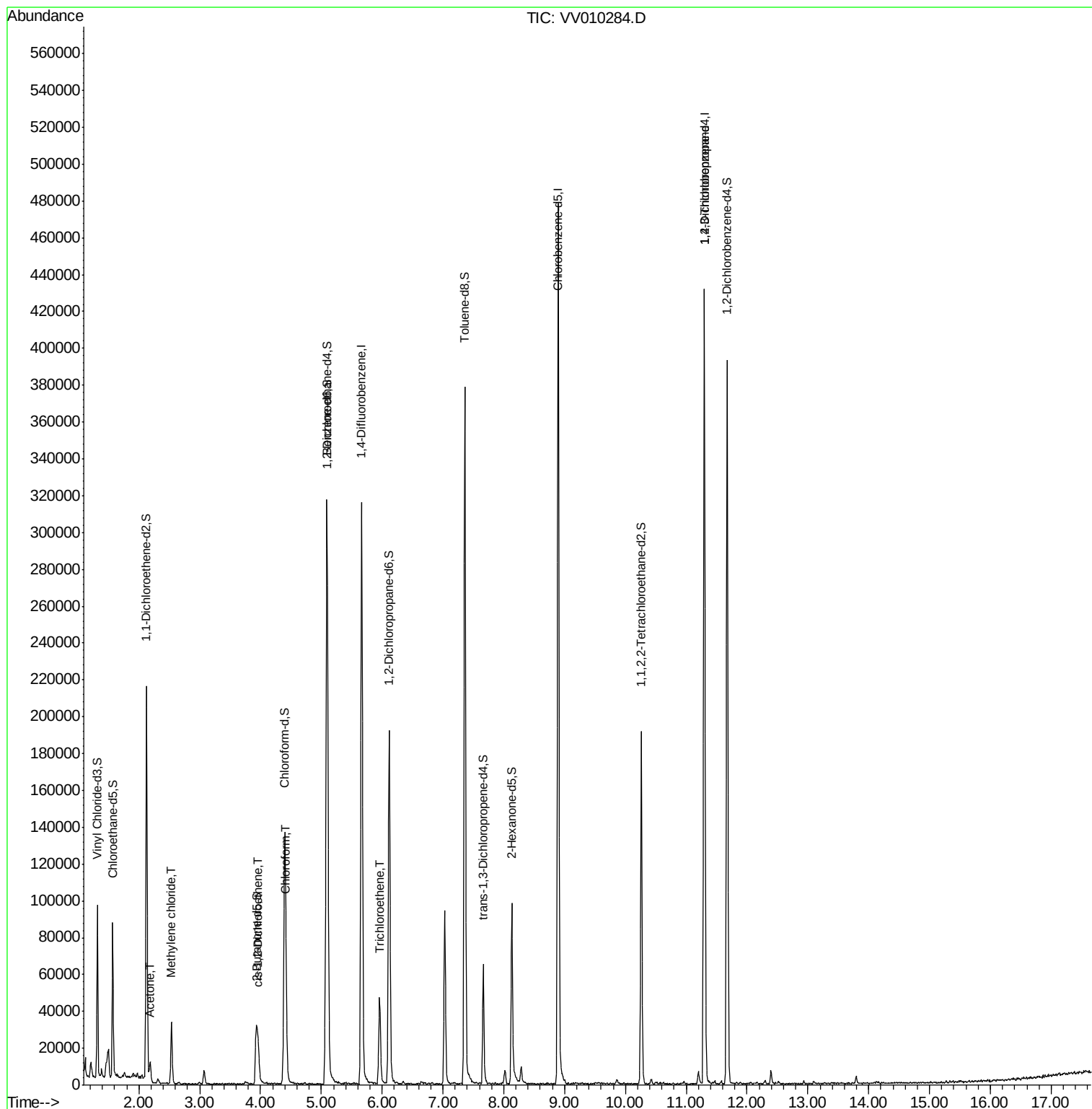
					Qvalue
13) Acetone	2.19	43	8067	9.410 ug/L	94
16) Methylene chloride	2.53	84	14209	2.634 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	8668	2.307 ug/L	98
25) Chloroform	4.43	83	13269	1.967 ug/L	94
35) Trichloroethene	5.96	95	16090	4.059 ug/L	96
59) 1,2,3-Trichloropropane	11.30	75	15021	5.800 ug/L	90

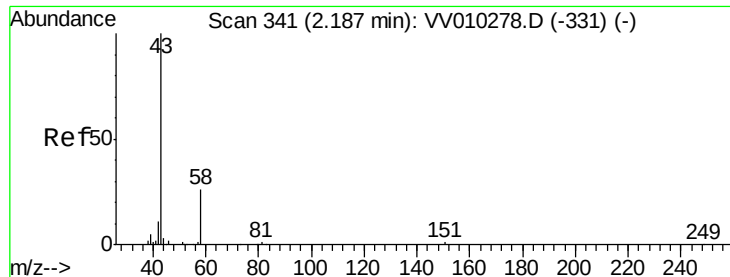
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.410 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV010284.D

Acq: 12 Apr 2019 13:45

Instrument :

MSVOA_V

ClientSampleId :

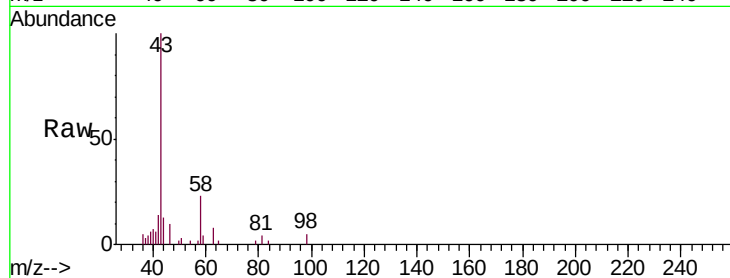
DB702

Tgt Ion: 43 Resp: 8067

Ion Ratio Lower Upper

43 100

58 27.6 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010278.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010278.D (-331) (-)

2.19

6000

5000

4000

3000

2000

1000

0

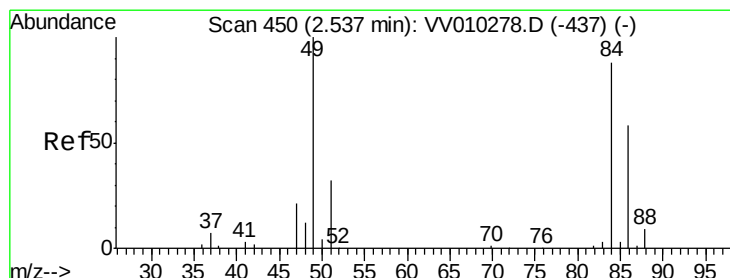
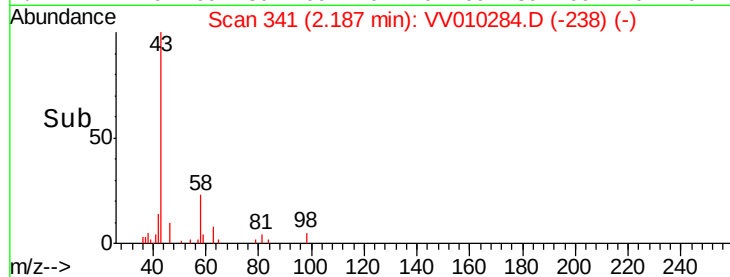
Time-->

2.10

2.15

2.20

2.25



#16

Methylene chloride

Concen: 2.634 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010284.D

Acq: 12 Apr 2019 13:45

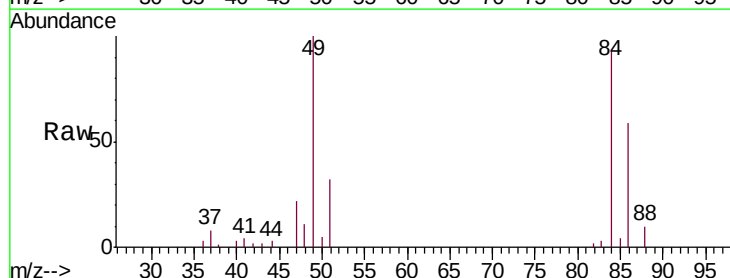
Tgt Ion: 84 Resp: 14209

Ion Ratio Lower Upper

84 100

49 107.9 79.9 148.5

86 64.1 44.5 82.7



Abundance Ion 84.00 (83.70 to 84.70): VV010278.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010278.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010278.D (-437) (-)

2.53

12000

10000

8000

6000

4000

2000

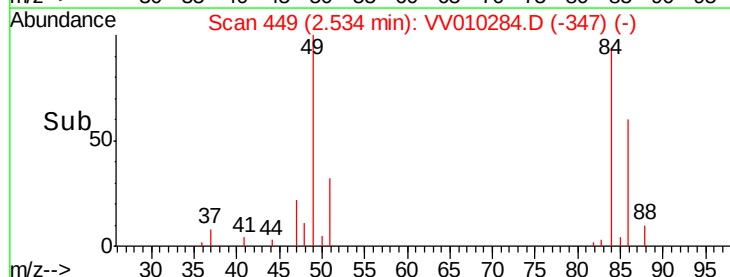
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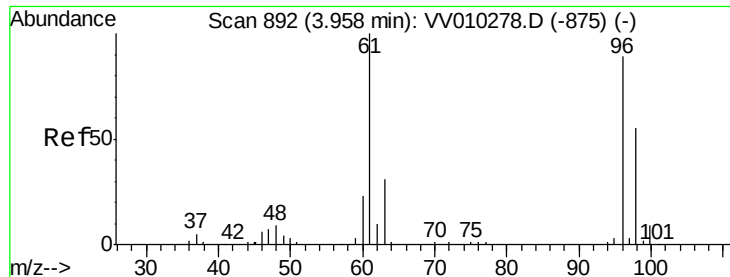
Time-->

2.50

2.55

2.60

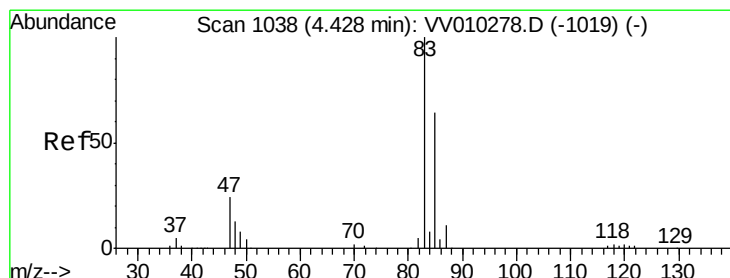
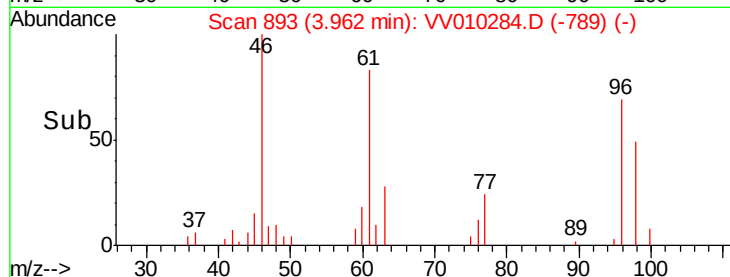
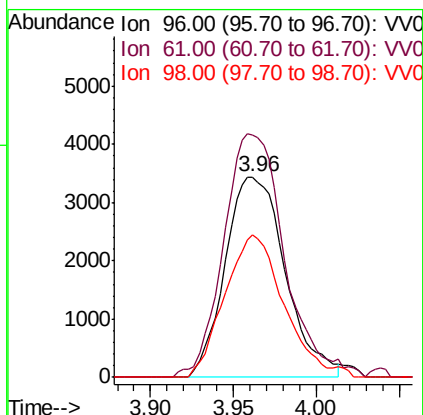
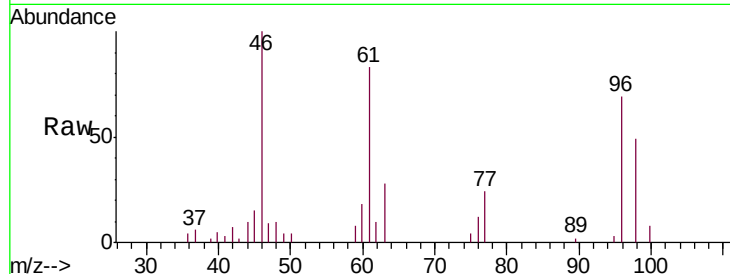




#22
 cis-1,2-Dichloroethene
 Concen: 2.307 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV010284.D
 Acq: 12 Apr 2019 13:45

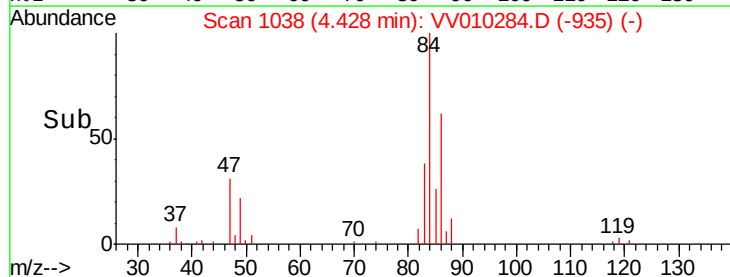
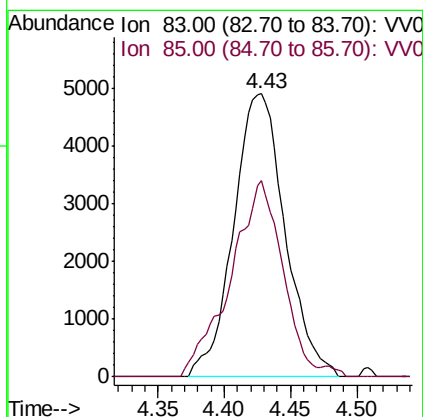
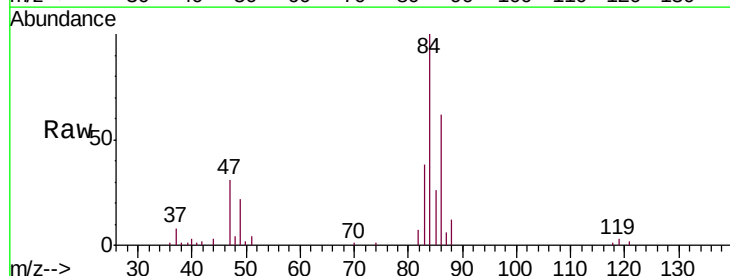
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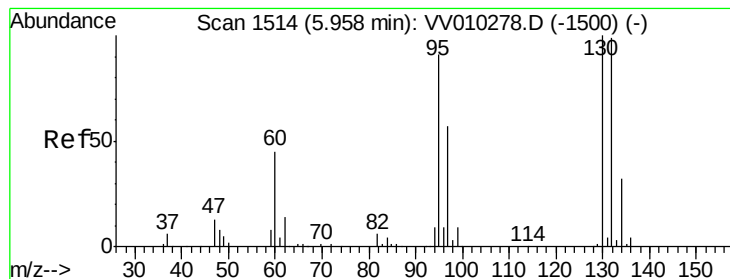
Tgt Ion: 96 Resp: 8668
 Ion Ratio Lower Upper
 96 100
 61 121.0 84.9 157.7
 98 70.8 47.0 87.4



#25
 Chloroform
 Concen: 1.967 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VV010284.D
 Acq: 12 Apr 2019 13:45

Tgt Ion: 83 Resp: 13269
 Ion Ratio Lower Upper
 83 100
 85 69.8 45.4 84.2





#35

Trichloroethene

Concen: 4.059 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV010284.D

Acq: 12 Apr 2019 13:45

Instrument :

MSVOA_V

ClientSampleId :

DB702

Tgt Ion: 95 Resp: 16090

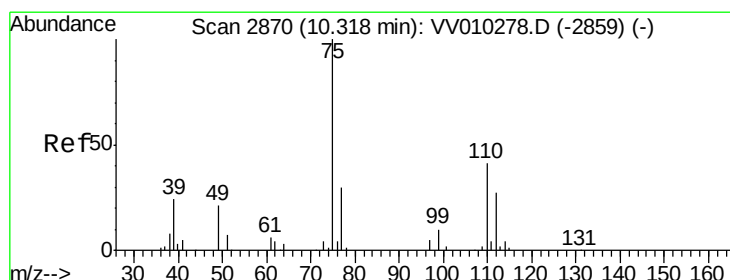
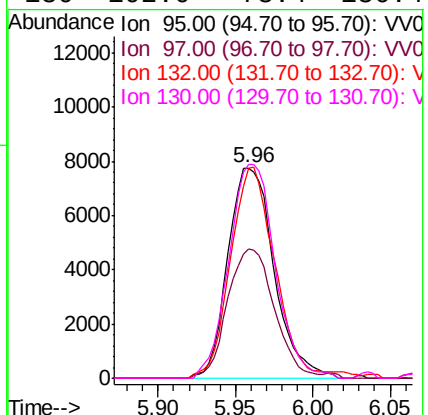
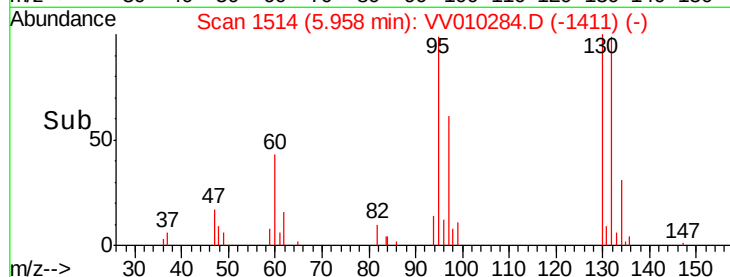
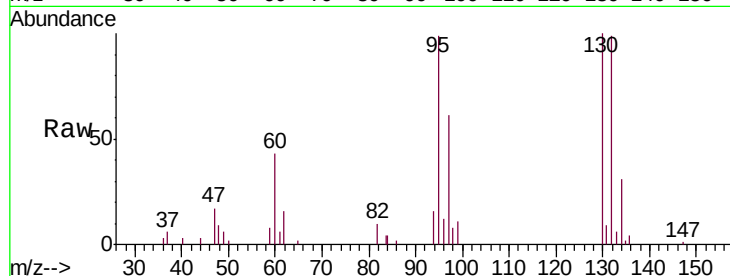
Ion Ratio Lower Upper

95 100

97 62.1 44.3 82.3

132 96.2 71.3 132.3

130 102.0 73.4 136.4



#59

1,2,3-Trichloropropane

Concen: 5.800 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010284.D

Acq: 12 Apr 2019 13:45

Tgt Ion: 75 Resp: 15021

Ion Ratio Lower Upper

75 100

77 39.1 26.9 40.3

