

Data File : VV011184.D
Acq On : 31 May 2019 18:09
Operator : SY/MD
Sample : K3083-05RE
Misc : 4.49G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51F8

Quant Time: Jun 01 00:31:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 01 00:27:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	355902	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	299444	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	104454	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	95785	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.56%
7) Chloroethane-d5	1.57	69	82746	22.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.40%
10) 1,1-Dichloroethene-d2	2.12	63	161380	16.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.32%
20) 2-Butanone-d5	3.94	46	76707	43.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.16%
24) Chloroform-d	4.40	84	201164	23.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	5.08	65	127038	22.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.64%
29) Benzene-d6	5.09	84	410556	25.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.96%
33) 1,2-Dichloropropane-d6	6.12	67	131125	25.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.68%
37) Toluene-d8	7.36	98	359200	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.64%
38) trans-1,3-Dichloropropene-	7.66	79	52357	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.80%
39) 2-Hexanone-d5	8.13	63	59934	50.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	98989	21.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	83899	21.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.88%

Target Compounds

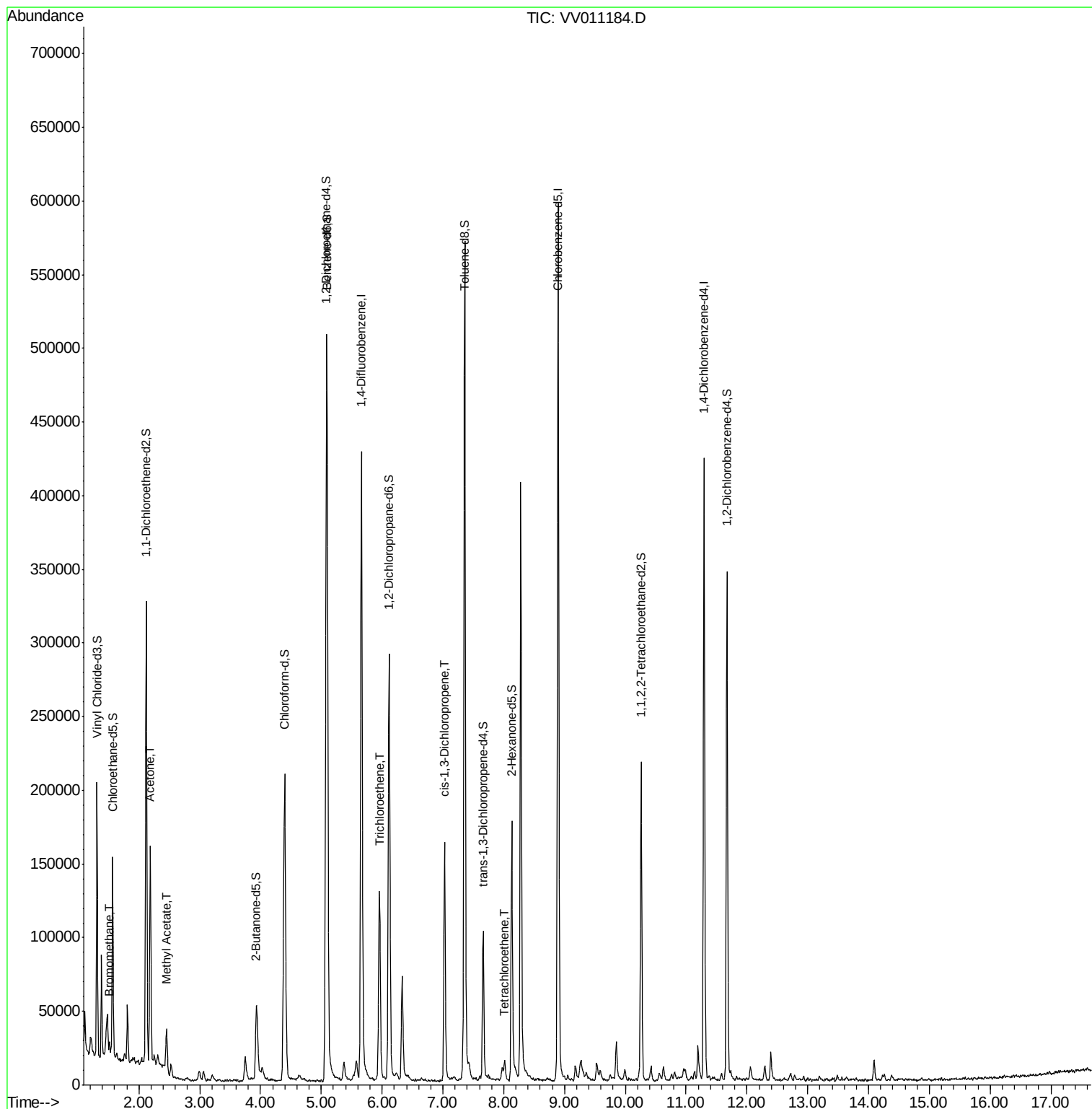
					Qvalue
6) Bromomethane	1.52	94	3036	1.005 ug/L	93
13) Acetone	2.19	43	138768	67.775 ug/L	99
15) Methyl Acetate	2.46	43	27894	9.054 ug/L	100
35) Trichloroethene	5.96	95	44323	9.522 ug/L	99
42) cis-1,3-Dichloropropene	7.03	75	4657	0.628 ug/L #	54
47) Tetrachloroethene	8.02	164	2485	0.720 ug/L	81

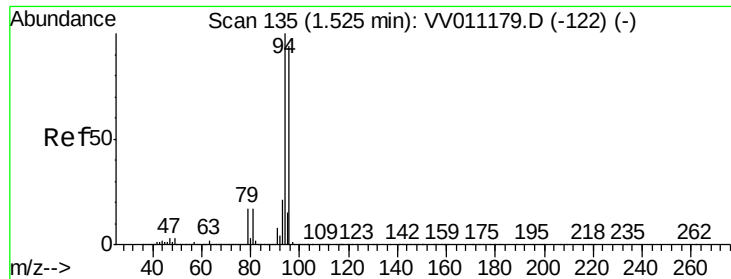
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 1.005 ug/L

RT: 1.52 min Scan# 133

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

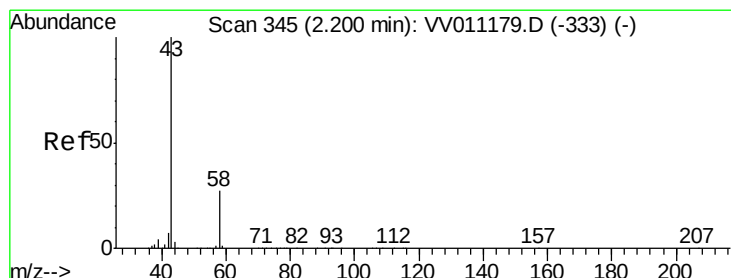
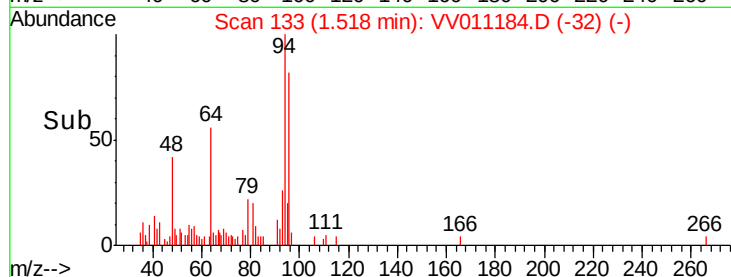
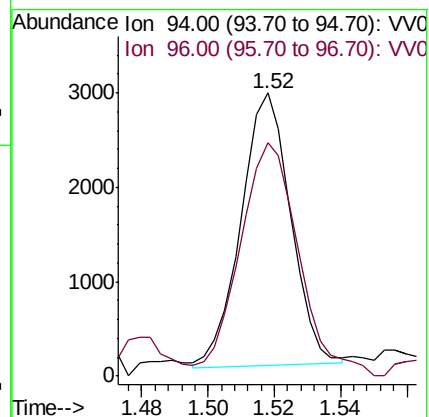
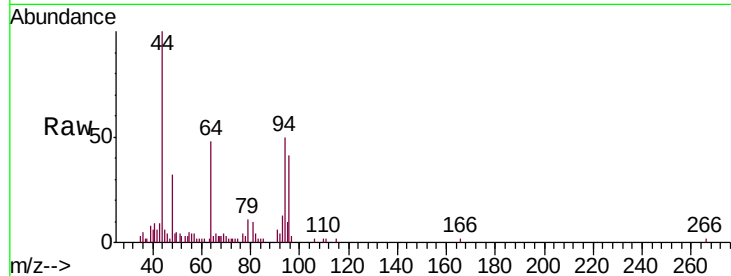
A51F8

Tgt Ion: 94 Resp: 3036

Ion Ratio Lower Upper

94 100

96 100.9 9.4 179.5



#13

Acetone

Concen: 67.775 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV011184.D

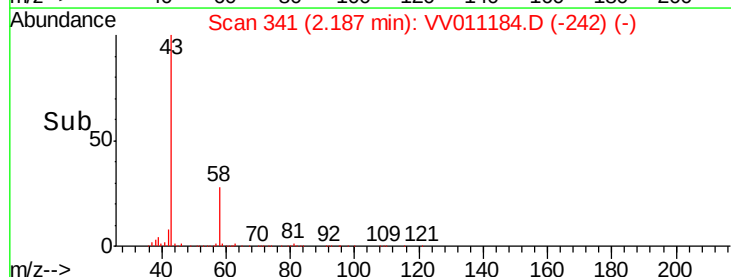
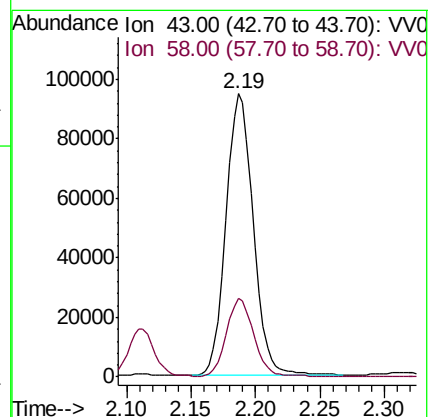
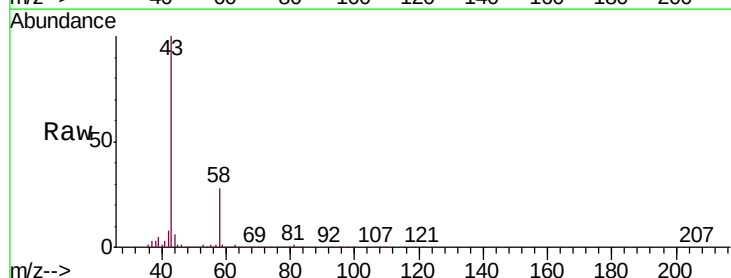
Acq: 31 May 2019 18:09

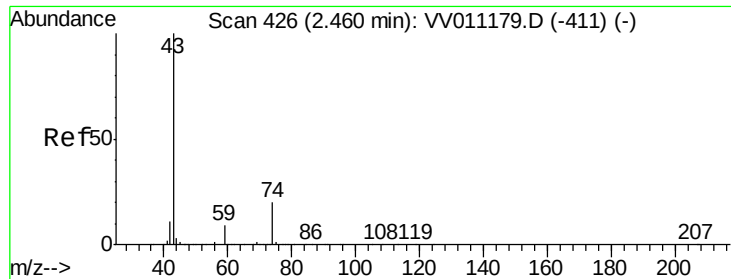
Tgt Ion: 43 Resp: 138768

Ion Ratio Lower Upper

43 100

58 27.4 0.0 53.8

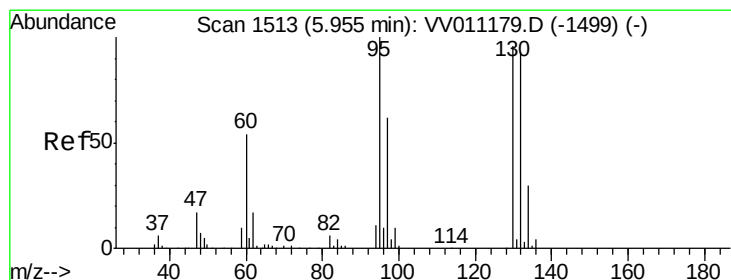
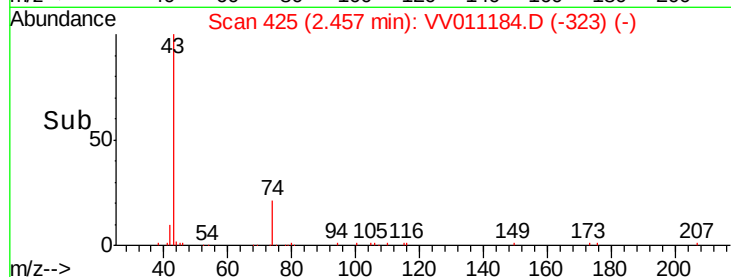
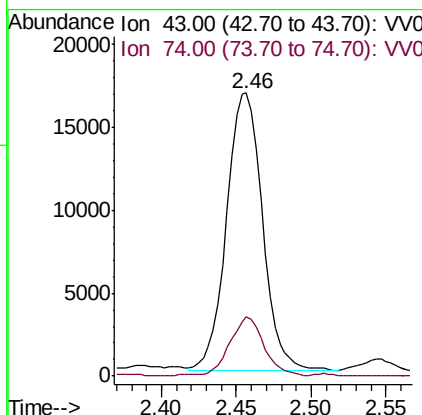
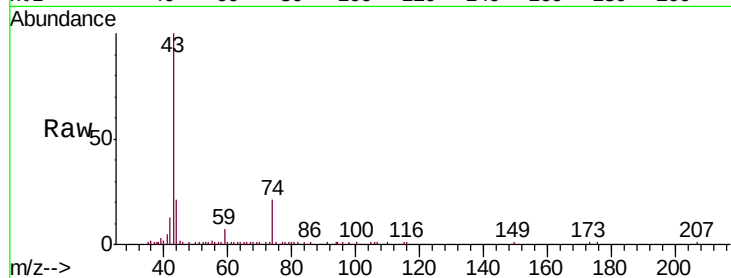




#15
Methyl Acetate
Concen: 9.054 ug/L
RT: 2.46 min Scan# 425
Delta R.T. -0.00 min
Lab File: VV011184.D
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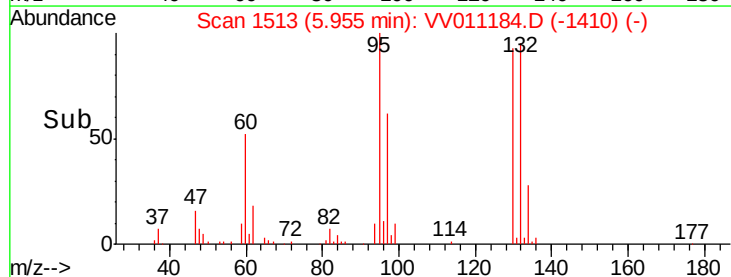
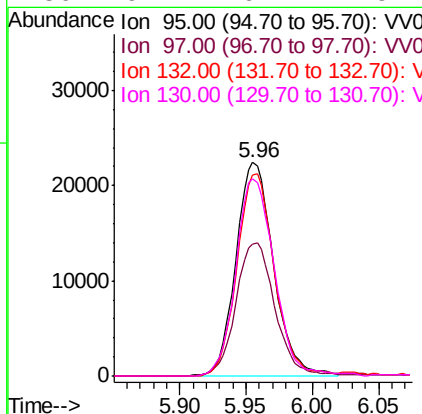
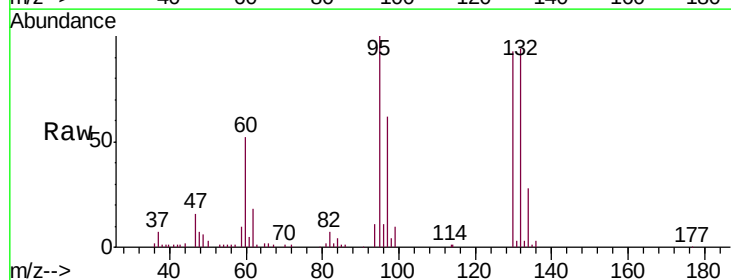
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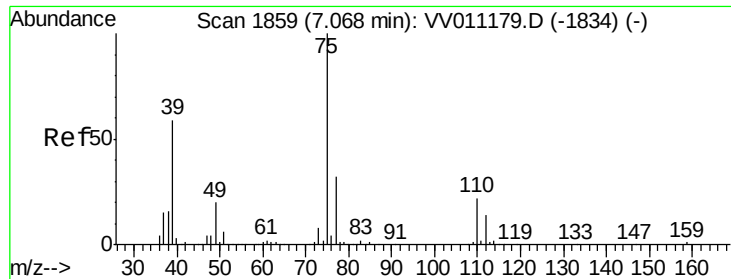
Tgt Ion: 43 Resp: 27894
Ion Ratio Lower Upper
43 100
74 20.4 16.2 24.4



#35
Trichloroethene
Concen: 9.522 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011184.D
Acq: 31 May 2019 18:09

Tgt Ion: 95 Resp: 44323
Ion Ratio Lower Upper
95 100
97 64.8 44.4 82.5
132 93.8 66.0 122.6
130 94.1 67.4 125.2





#42

cis-1,3-Dichloropropene

Concen: 0.628 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV011184.D

Acq: 31 May 2019 18:09

Instrument :

MSVOA_V

ClientSampled :

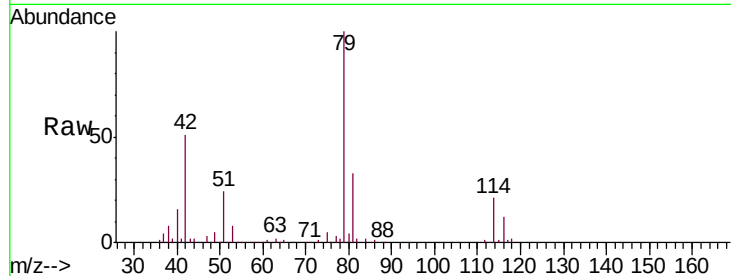
A51F8

Tgt Ion: 75 Resp: 4657

Ion Ratio Lower Upper

75 100

77 55.6 21.3 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VV011179.D (-1834) (-)

Ion 77.00 (76.70 to 77.70): VV011179.D (-1834) (-)

7.03

2500

2000

1500

1000

500

0

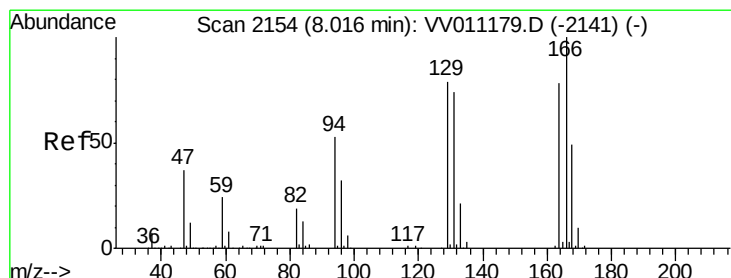
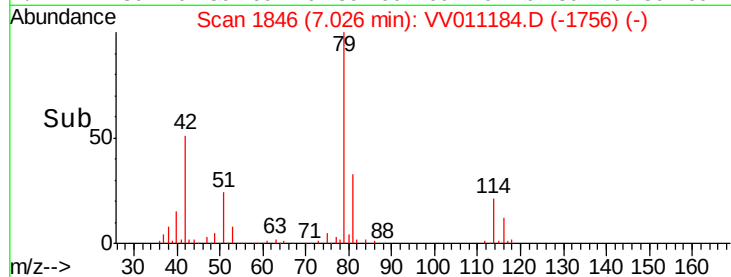
6.95

7.00

7.05

7.10

Time-->



#47

Tetrachloroethene

Concen: 0.720 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV011184.D

Acq: 31 May 2019 18:09

Tgt Ion: 164 Resp: 2485

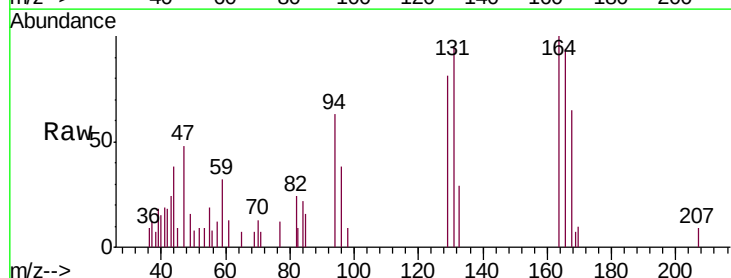
Ion Ratio Lower Upper

164 100

129 81.0 69.1 128.3

131 95.4 65.5 121.6

166 94.4 93.2 173.0



Abundance Ion 164.00 (163.70 to 164.70): VV011179.D (-2141) (-)

Ion 129.00 (128.70 to 129.70): VV011179.D (-2141) (-)

Ion 131.00 (130.70 to 131.70): VV011179.D (-2141) (-)

Ion 166.00 (165.70 to 166.70): VV011179.D (-2141) (-)

8.02

2000

1500

1000

500

0

8.00

8.05

Time-->

