

Data File : VV011153.D
Acq On : 30 May 2019 23:21
Operator : SY/MD
Sample : K3083-05
Misc : 4.15G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51F8

Manual Integrations
APPROVED

MMDadoda
6/1/2019 4:45:15 AM

Quant Time: May 31 15:05:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 01:43:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	120917	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	101204	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31671	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35310	21.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.32%
7) Chloroethane-d5	1.58	69	28937	23.01	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.04%
10) 1,1-Dichloroethene-d2	2.12	63	57676m	17.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.68%
20) 2-Butanone-d5	3.94	46	31294	52.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.66%
24) Chloroform-d	4.40	84	71442	24.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.68%
26) 1,2-Dichloroethane-d4	5.08	65	46462	24.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.48%
29) Benzene-d6	5.10	84	141128	25.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.72%
33) 1,2-Dichloropropane-d6	6.12	67	47206	26.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.24%
37) Toluene-d8	7.36	98	125425	24.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.76%
38) trans-1,3-Dichloropropene-	7.66	79	17823	22.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.44%
39) 2-Hexanone-d5	8.13	63	21389	53.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40444	25.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	28073	23.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.76%

Target Compounds						Qvalue
13) Acetone	2.19	43	47917	68.883	ug/L	99
15) Methyl Acetate	2.46	43	22685	21.672	ug/L	97
21) 2-Butanone	4.05	43	4694m	5.752	ug/L	
35) Trichloroethene	5.96	95	29742	18.906	ug/L	96
47) Tetrachloroethene	8.02	164	1483	1.272	ug/L	85

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

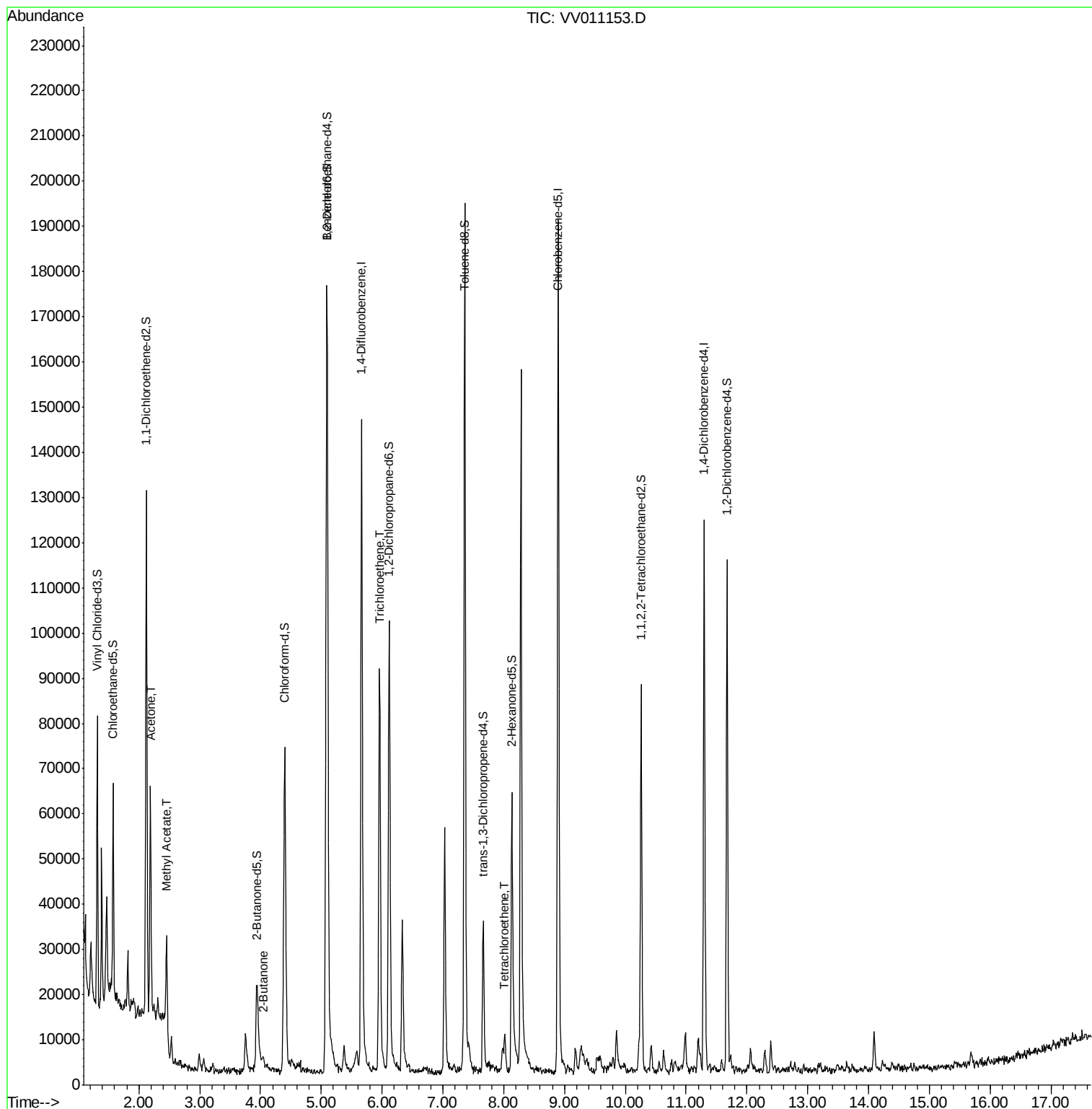
Data File : VV011153.D
Acq On : 30 May 2019 23:21
Operator : SY/MD
Sample : K3083-05
Misc : 4.15G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

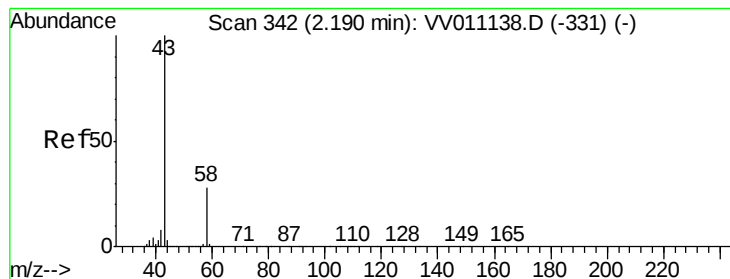
Instrument :
MSVOA_V
ClientSampleId :
A51F8

Manual Integrations
APPROVED

MMDadoda
6/1/2019 4:45:15 AM

Quant Time: May 31 15:05:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 01:43:46 2019
Response via : Initial Calibration





#13

Acetone

Concen: 68.883 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV011153.D

Acq: 30 May 2019 23:21

Instrument :

MSVOA_V

ClientSampleId :

A51F8

Tgt Ion: 43 Resp: 47917

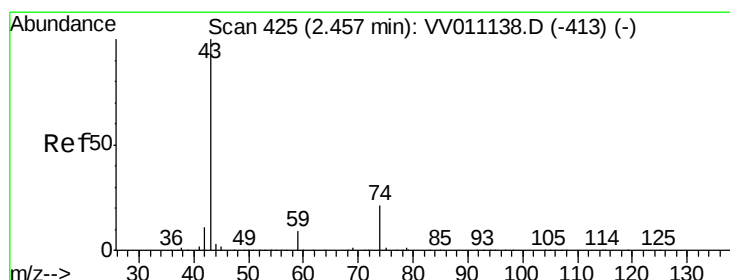
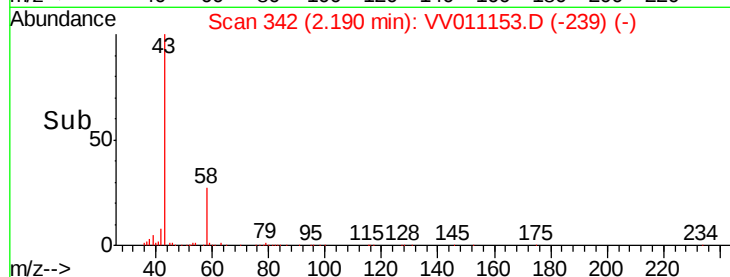
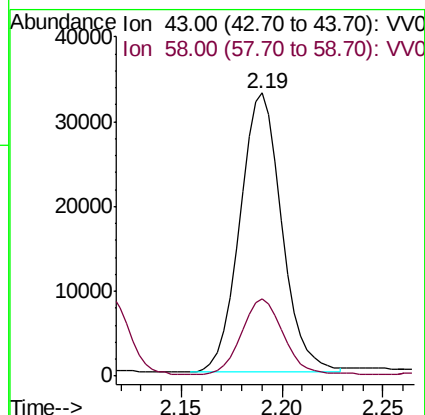
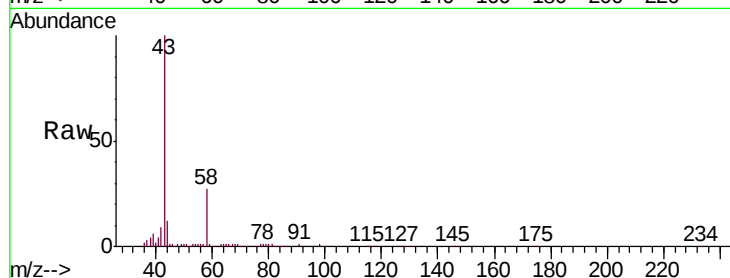
Ion Ratio Lower Upper

43 100

58 26.6 0.0 53.8

Manual Integrations
APPROVED

MMDadoda
6/1/2019 4:45:15 AM



#15

Methyl Acetate

Concen: 21.672 ug/L

RT: 2.46 min Scan# 425

Delta R.T. 0.00 min

Lab File: VV011153.D

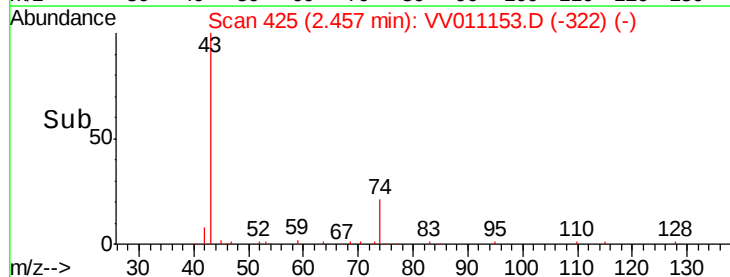
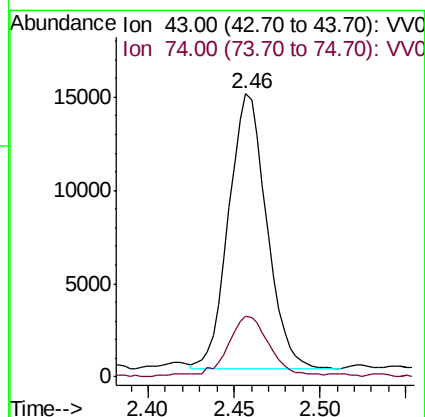
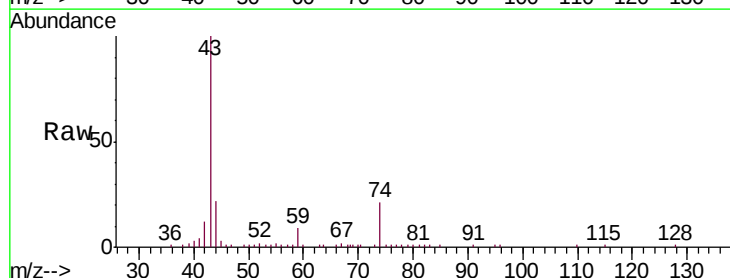
Acq: 30 May 2019 23:21

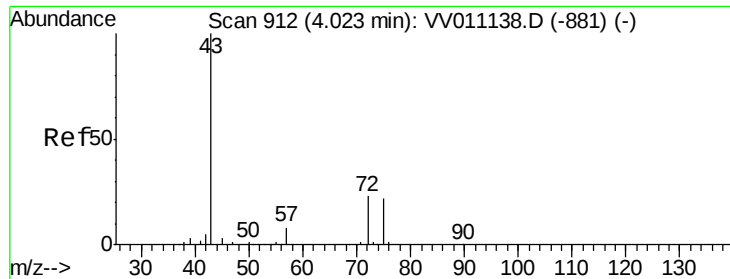
Tgt Ion: 43 Resp: 22685

Ion Ratio Lower Upper

43 100

74 21.8 16.2 24.4





#21

2-Butanone

Concen: 5.752 ug/L m

RT: 4.05 min Scan# 920

Delta R.T. 0.03 min

Lab File: VV011153.D

Acq: 30 May 2019 23:21

Instrument :

MSVOA_V

ClientSampleId :

A51F8

Tgt Ion: 43 Resp: 4694

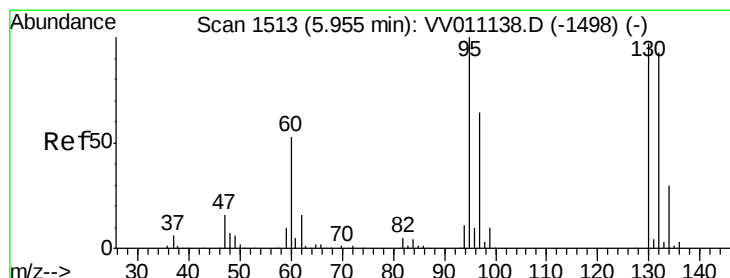
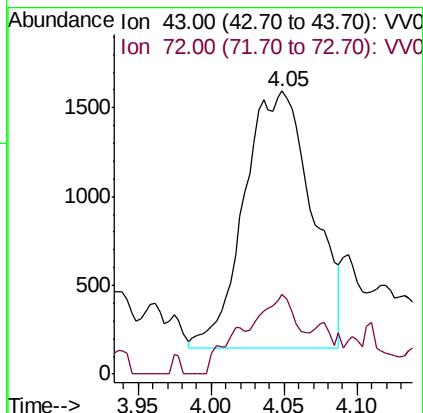
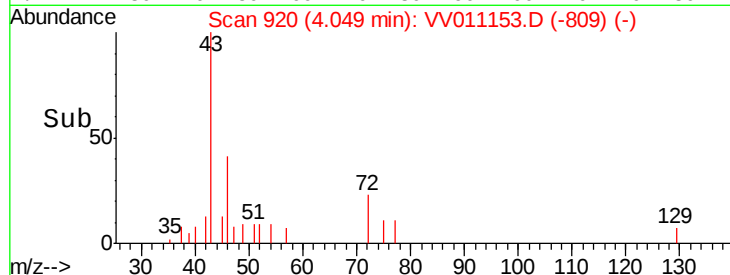
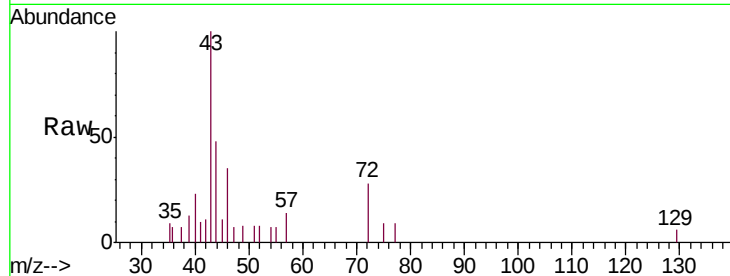
Ion Ratio Lower Upper

43 100

72 0.8 11.1 33.3#

Manual Integrations
APPROVED

MMDadoda
6/1/2019 4:45:15 AM



#35

Trichloroethene

Concen: 18.906 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011153.D

Acq: 30 May 2019 23:21

Tgt Ion: 95 Resp: 29742

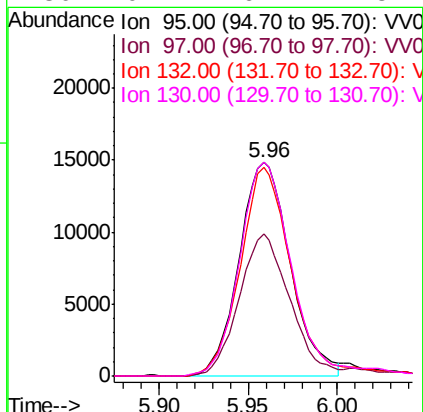
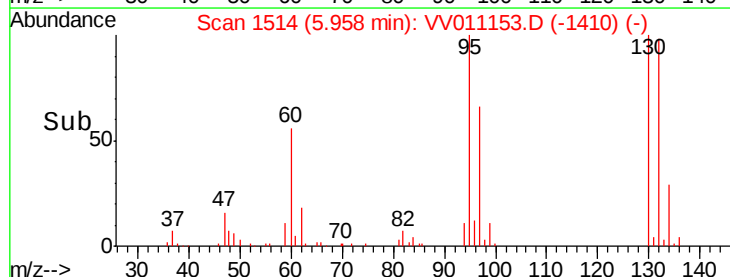
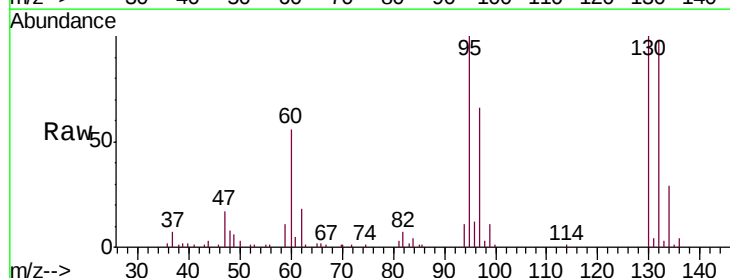
Ion Ratio Lower Upper

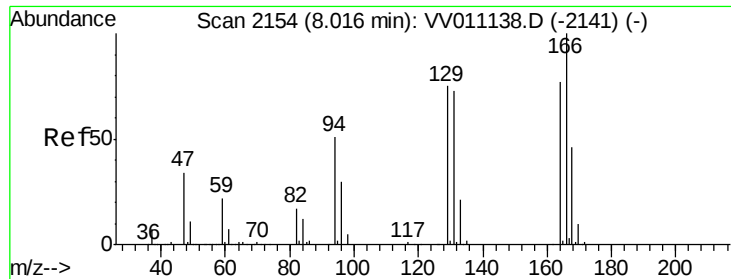
95 100

97 66.0 44.4 82.5

132 99.0 66.0 122.6

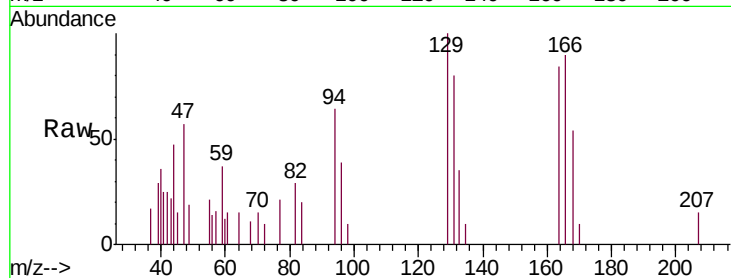
130 101.2 67.4 125.2





#47
 Tetrachloroethene
 Concen: 1.272 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV011153.D
 Acq: 30 May 2019 23:21

Instrument :
 MSVOA_V
 ClientSampleId :
 A51F8



Tgt Ion:	164	Resp:	1483
Ion Ratio	Lower	Upper	
164	100		
129	119.4	69.1	128.3
131	95.1	65.5	121.6
166	108.0	93.2	173.0

Manual Integrations
 APPROVED

MMDadoda
 6/1/2019 4:45:15 AM

