

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041720\
 Data File : VV015568.D
 Acq On : 17 Apr 2020 20:21
 Operator : SY/MD
 Sample : L2333-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC3

Quant Time: Apr 18 03:56:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 00:37:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	92955	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	88932	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	44003	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21327	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.58	69	21874	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.12	63	33080	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.91	46	79511	58.71	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.42%
24) Chloroform-d	4.38	84	50416	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.06	65	30041	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.08	84	95108	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.09	67	31242	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.34	98	85015	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.64	79	8618	3.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.40%
46) 2-Hexanone-d5	8.11	63	62900	48.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.60%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	22785	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	32989	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

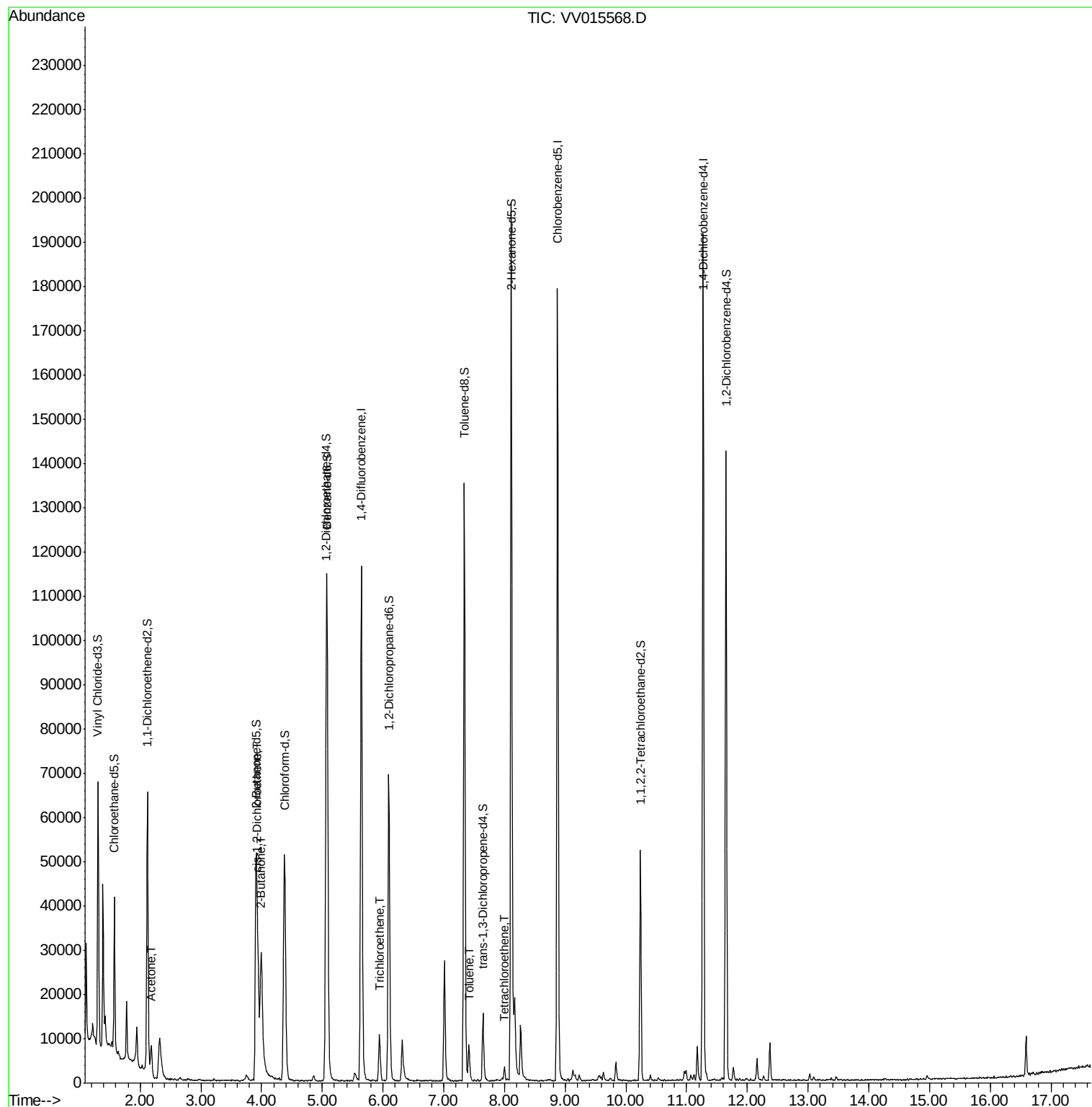
					Ovalue
13) Acetone	2.18	43	7499	7.838	ug/L # 48
21) 2-Butanone	3.99	43	44760	28.949	ug/L # 67
22) cis-1,2-Dichloroethene	3.94	96	1798	0.263	ug/L 84
34) Trichloroethene	5.94	95	3545	0.495	ug/L 95
42) Toluene	7.41	91	6098	0.211	ug/L 98
47) Tetrachloroethene	8.00	164	597	0.112	ug/L 87

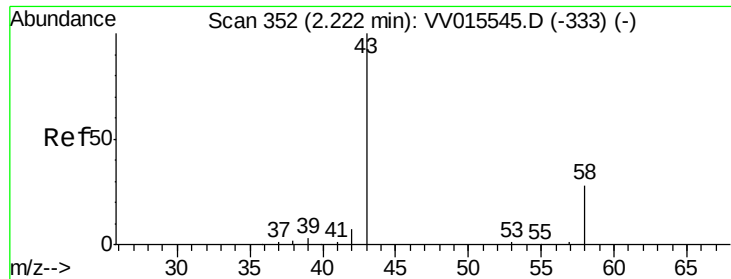
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 7.838 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.04 min

Lab File: VV015568.D

Acq: 17 Apr 2020 20:21

Instrument :

MSVOA_V

ClientSampleId :

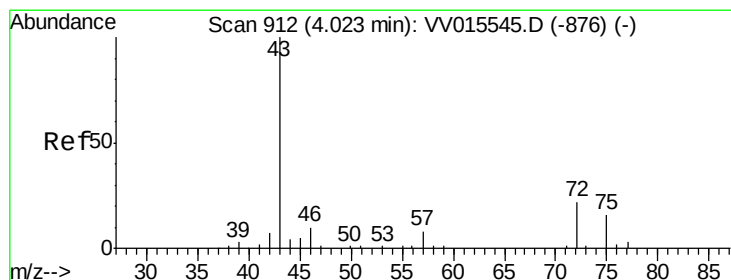
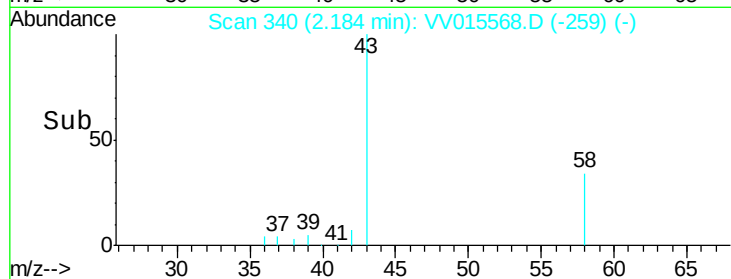
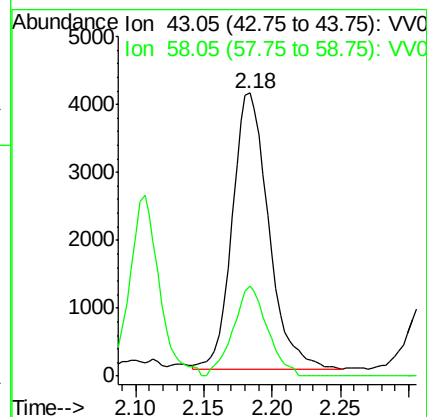
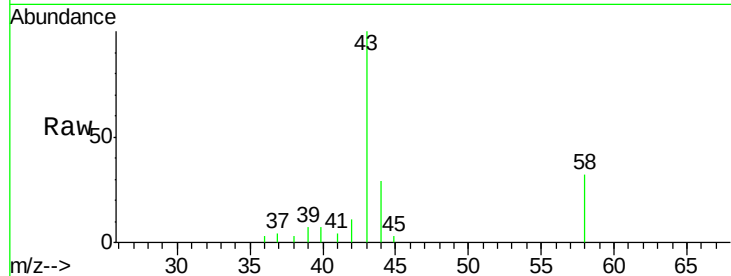
C0AC3

Tot Ion: 43 Resp: 7499

Ion Ratio Lower Upper

43 100

58 30.8 0.0 22.2#



#21

2-Butanone

Concen: 28.949 ug/L

RT: 3.99 min Scan# 903

Delta R.T. -0.03 min

Lab File: VV015568.D

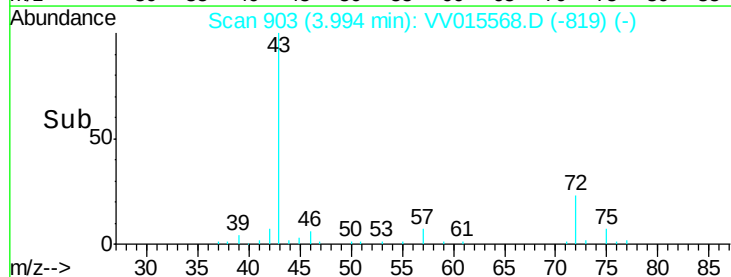
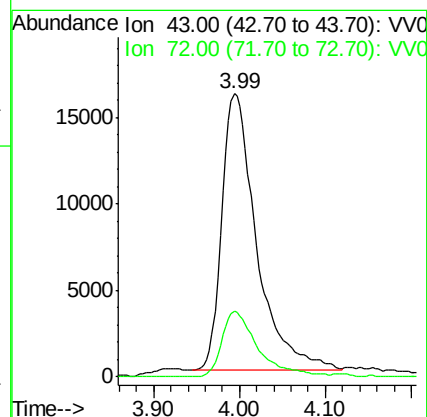
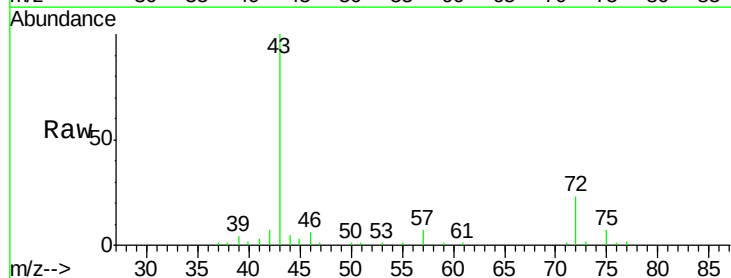
Acq: 17 Apr 2020 20:21

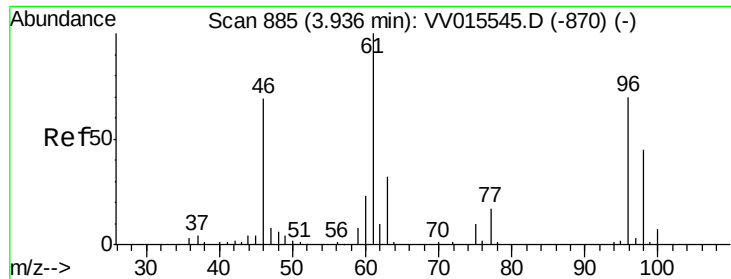
Tgt Ion: 43 Resp: 44760

Ion Ratio Lower Upper

43 100

72 24.6 5.9 17.8#



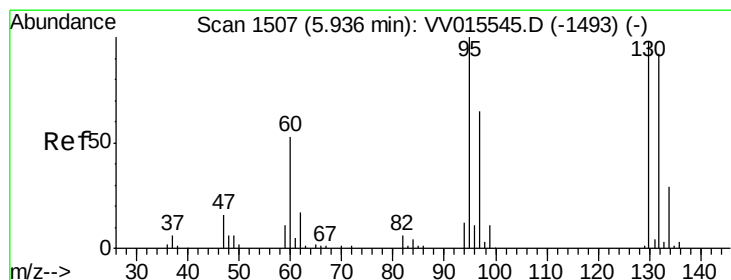
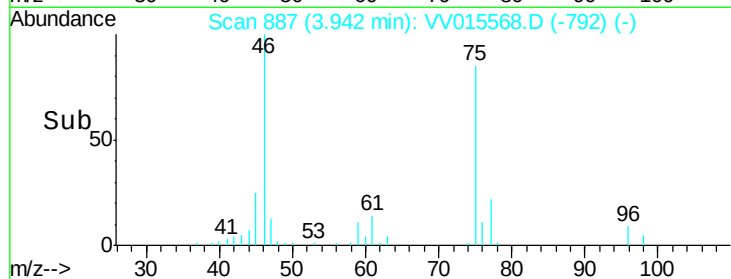
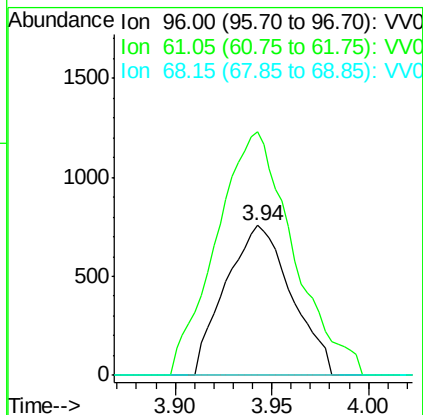
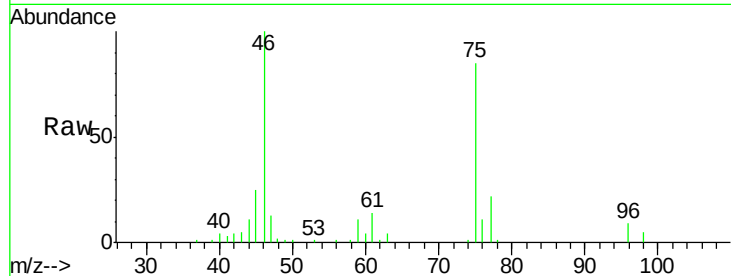


#22

cis-1,2-Dichloroethene
Concen: 0.263 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV015568.D
Acq: 17 Apr 2020 20:21

Instrument :
MSVOA_V
ClientSampleId :
C0AC3

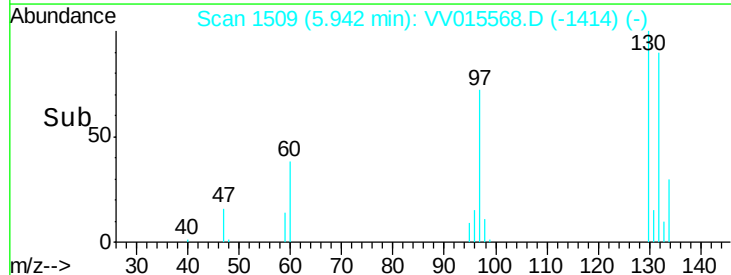
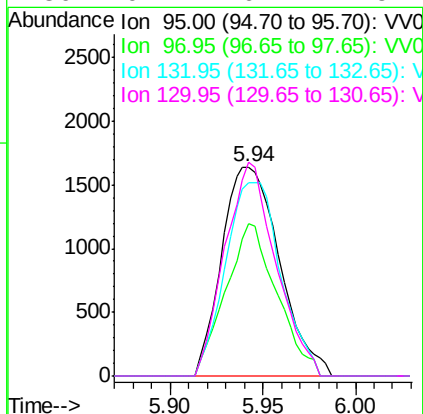
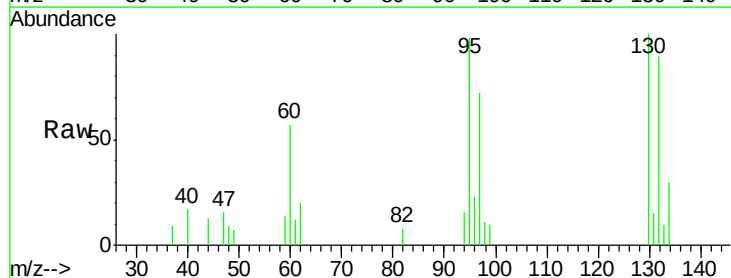
Tot Ion: 96 Resp: 1798
Ion Ratio Lower Upper
96 100
61 162.7 100.0 185.8
68 0.0 0.0 0.0

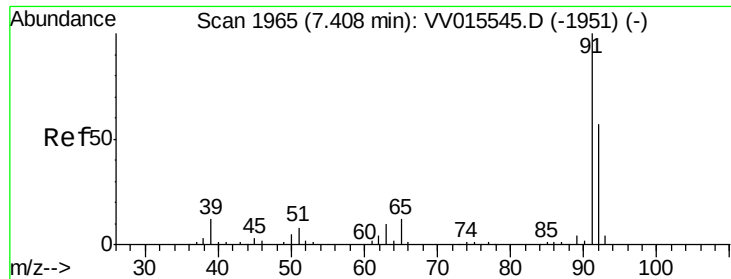


#34

Trichloroethene
Concen: 0.495 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV015568.D
Acq: 17 Apr 2020 20:21

Tgt Ion: 95 Resp: 3545
Ion Ratio Lower Upper
95 100
97 73.2 45.4 84.4
132 92.3 64.8 120.4
130 102.2 67.4 125.2





#42

Toluene

Concen: 0.211 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV015568.D

Acq: 17 Apr 2020 20:21

Instrument :

MSVOA_V

ClientSampleId :

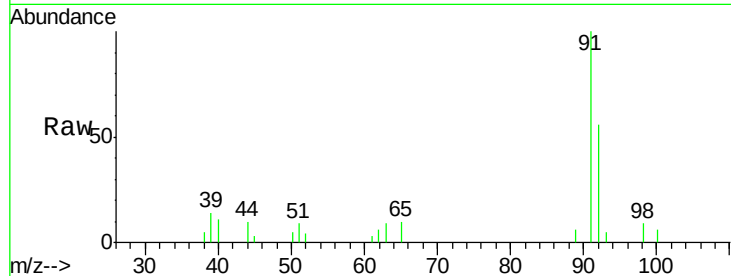
C0AC3

Tot Ion: 91 Resp: 6098

Ion Ratio Lower Upper

91 100

92 55.9 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VV015545.D (-1951) (-)

Ion 92.15 (91.85 to 92.85): VV015545.D (-1951) (-)

7.41

3000

2000

1000

0

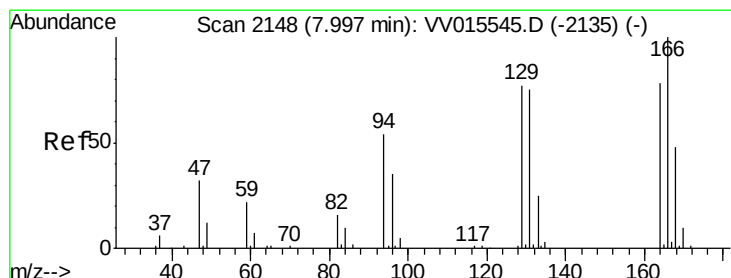
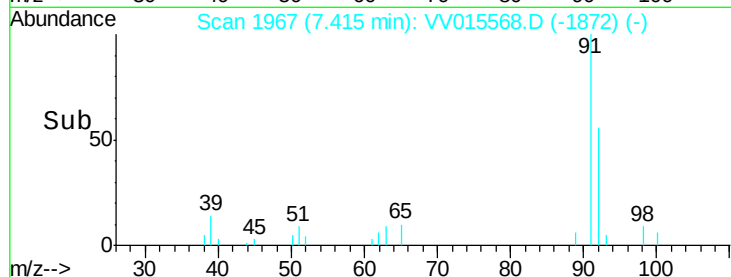
Time-->

7.35

7.40

7.45

7.50



#47

Tetrachloroethene

Concen: 0.112 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015568.D

Acq: 17 Apr 2020 20:21

Tgt Ion: 164 Resp: 597

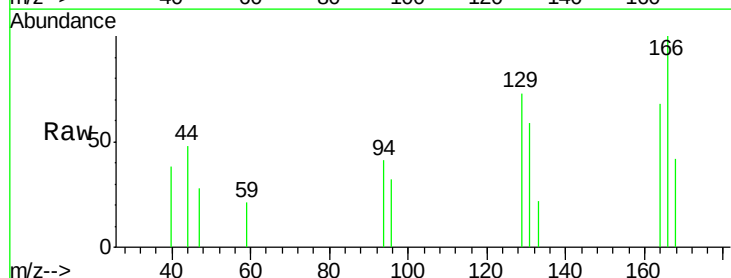
Ion Ratio Lower Upper

164 100

129 107.7 70.6 131.0

131 87.3 68.3 126.8

166 147.9 88.3 163.9



Abundance Ion 163.90 (163.60 to 164.60): VV015545.D (-2135) (-)

Ion 128.95 (128.65 to 129.65): VV015545.D (-2135) (-)

Ion 130.95 (130.65 to 131.65): VV015545.D (-2135) (-)

Ion 165.90 (165.60 to 166.60): VV015545.D (-2135) (-)

1000

800

600

400

200

0

Time-->

7.96

7.98

8.00

8.02

