

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015774.D
 Acq On : 29 Apr 2020 02:37
 Operator : SY/MD
 Sample : L2419-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF2

Quant Time: Apr 29 06:04:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 29 03:36:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	111789	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	111637	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	51691	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36740	6.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.80%
7) Chloroethane-d5	1.58	69	33684	5.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.60%
11) 1,1-Dichloroethene-d2	2.12	63	53681	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	3.91	46	84028	44.80	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.60%
24) Chloroform-d	4.38	84	55981	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.06	65	38364	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.08	84	130777	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.10	67	41753	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.34	98	116023	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.65	79	12659	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.11	63	68562	42.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27558	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	41863	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

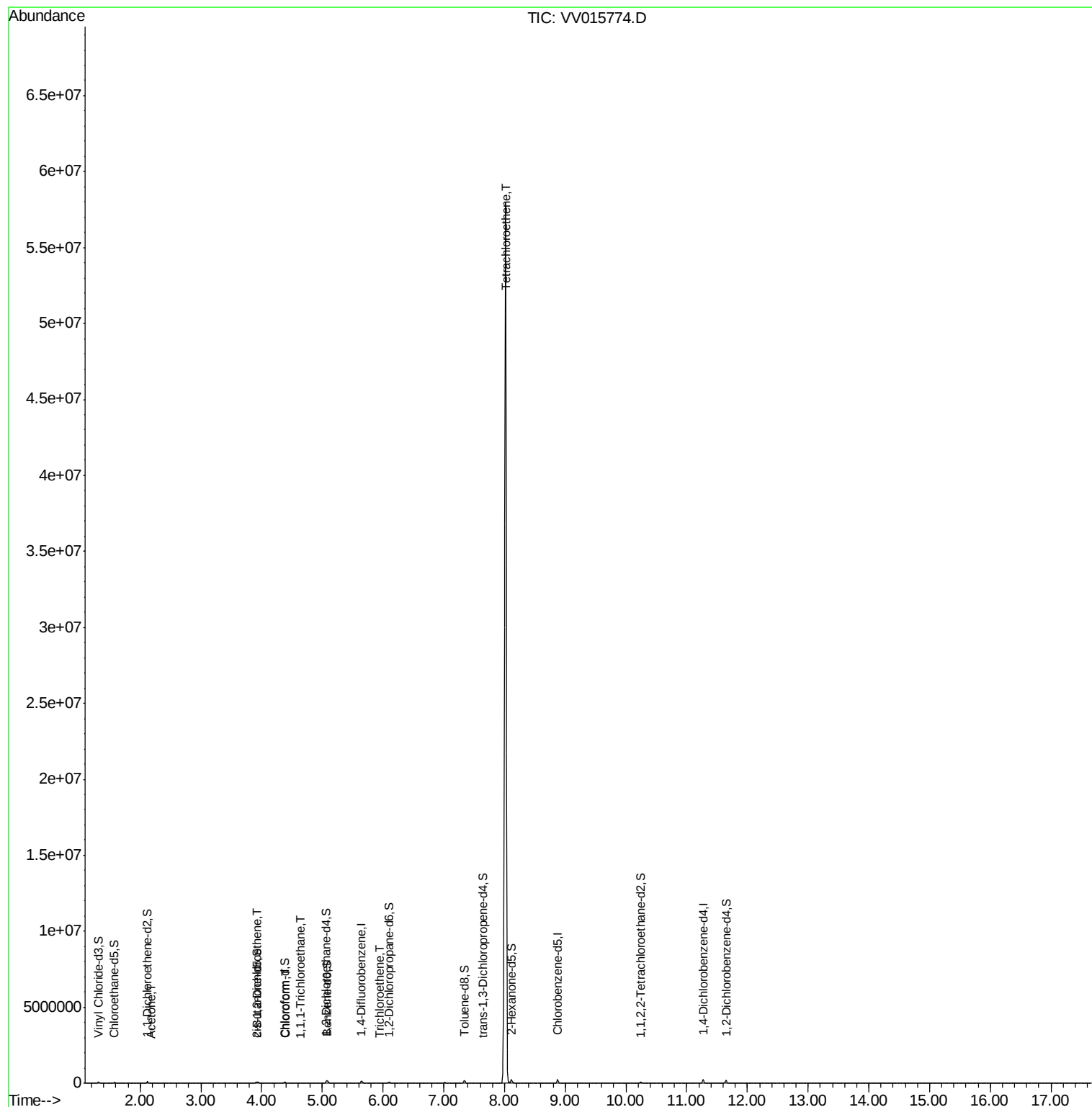
					Ovalue
13) Acetone	2.19	43	3692	2.834 ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	12728	1.580 ug/L	99
25) Chloroform	4.40	83	13048	0.859 ug/L	96
29) 1,1,1-Trichloroethane	4.64	97	2015	0.142 ug/L #	72
34) Trichloroethene	5.94	95	10085	1.145 ug/L	96
47) Tetrachloroethene	8.02	164	14465225	2280.778 ug/L	92

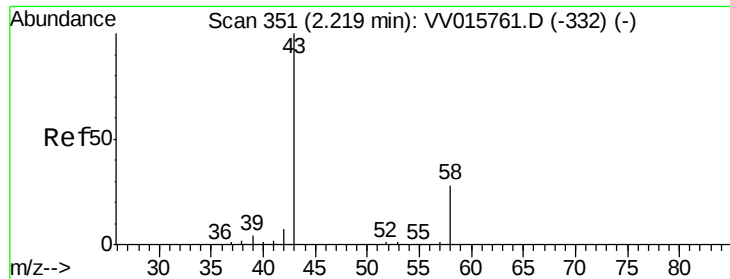
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.834 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.03 min

Lab File: VV015774.D

Acq: 29 Apr 2020 02:37

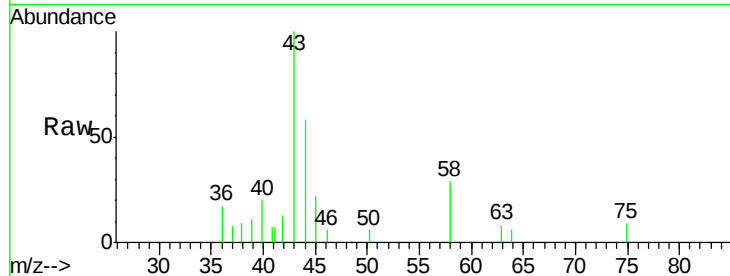
Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Tot Ion: 43 Resp: 3692

Ion Ratio Lower Upper

43 100

58 29.9 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015774.D (-258) (-)

Ion 58.05 (57.75 to 58.75): VV015774.D (-258) (-)

2.19

1500

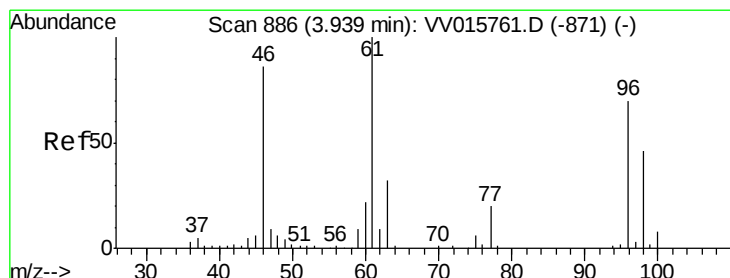
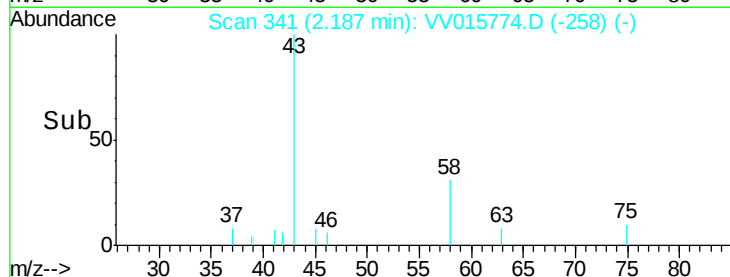
1000

500

0

Time-->

2.15 2.20 2.25



#22

cis-1,2-Dichloroethene

Concen: 1.580 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.00 min

Lab File: VV015774.D

Acq: 29 Apr 2020 02:37

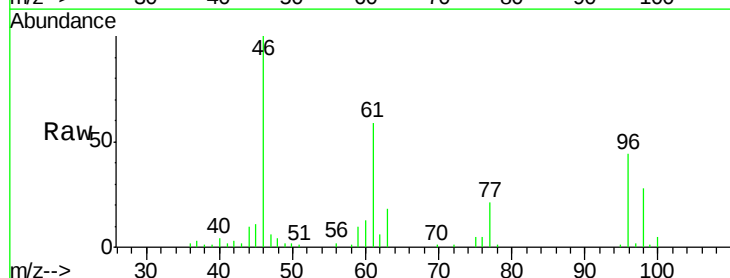
Tgt Ion: 96 Resp: 12728

Ion Ratio Lower Upper

96 100

61 136.2 96.4 179.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV015774.D (-793) (-)

Ion 61.05 (60.75 to 61.75): VV015774.D (-793) (-)

Ion 68.15 (67.85 to 68.85): VV015774.D (-793) (-)

3.94

10000

8000

6000

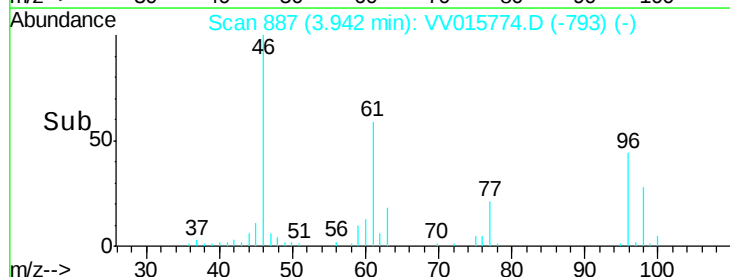
4000

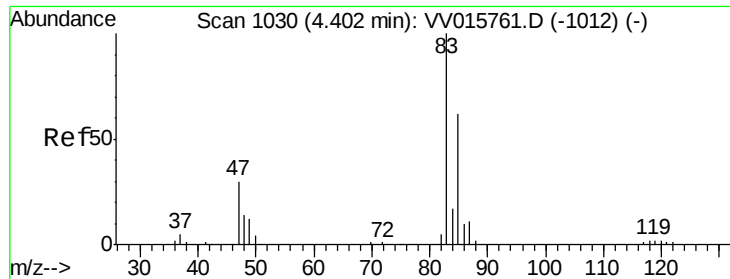
2000

0

Time-->

3.85 3.90 3.95 4.00

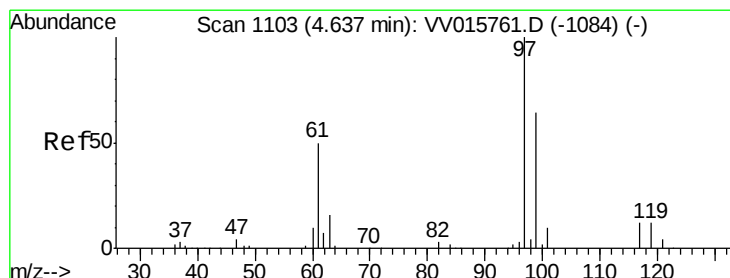
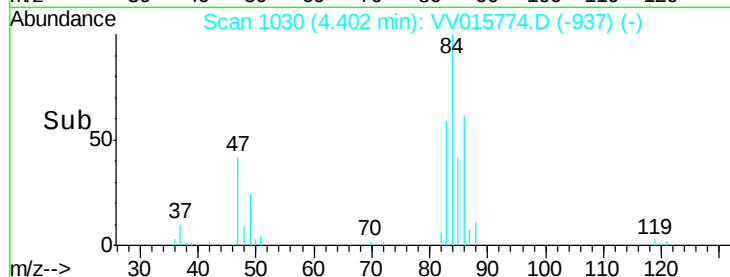
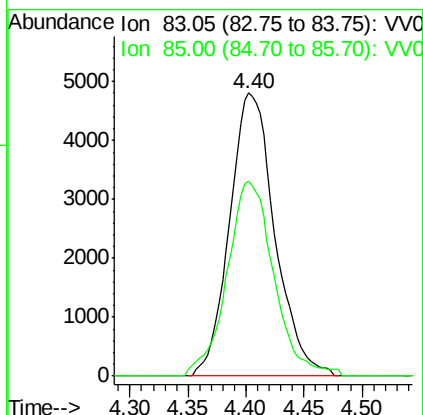
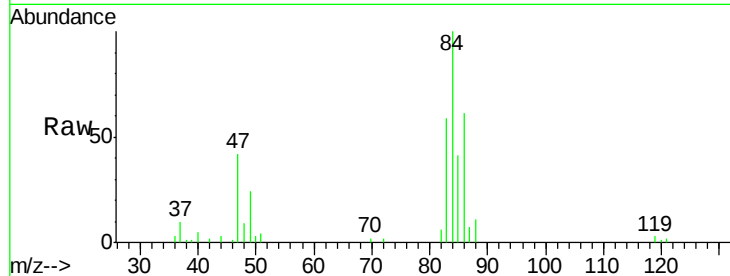




#25
Chloroform
Concen: 0.859 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015774.D
Acq: 29 Apr 2020 02:37

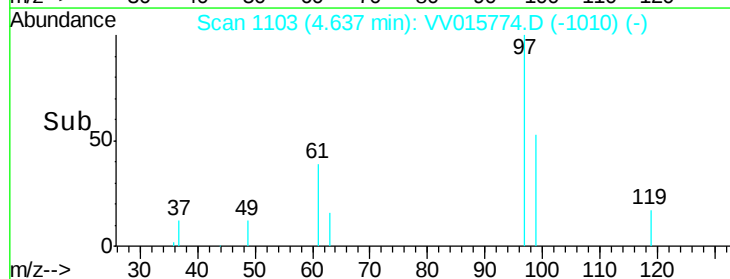
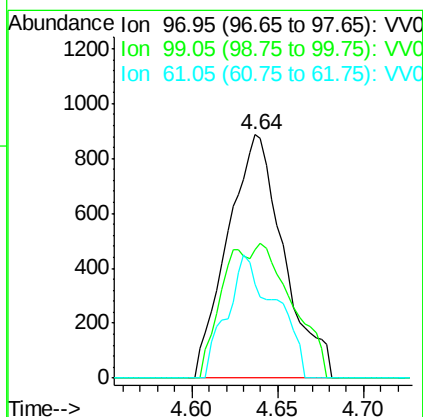
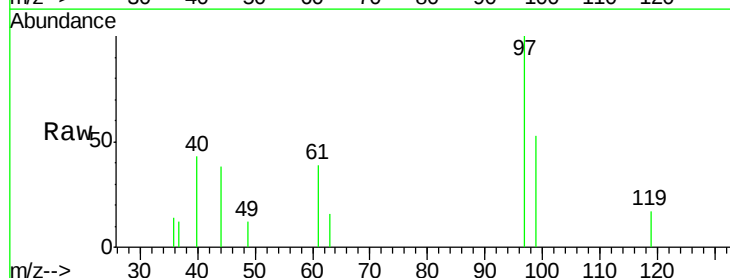
Instrument :
MSVOA_V
ClientSampled :
C0AF2

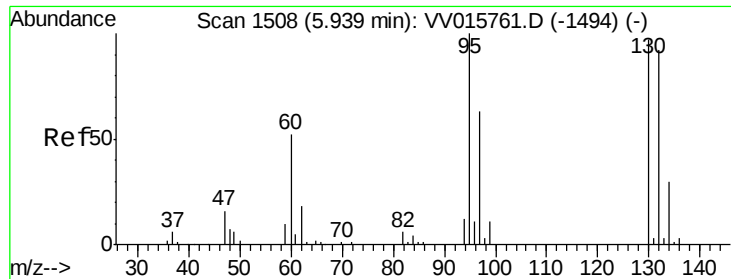
Tot Ion: 83 Resp: 13048
Ion Ratio Lower Upper
83 100
85 68.7 46.1 85.5



#29
1,1,1-Trichloroethane
Concen: 0.142 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV015774.D
Acq: 29 Apr 2020 02:37

Tgt Ion: 97 Resp: 2015
Ion Ratio Lower Upper
97 100
99 29.2 51.6 77.4#
61 43.8 38.6 57.8





#34

Trichloroethene

Concen: 1.145 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV015774.D

Acq: 29 Apr 2020 02:37

Instrument :

MSVOA_V

ClientSampleId :

C0AF2

Tot Ion: 95 Resp: 10085

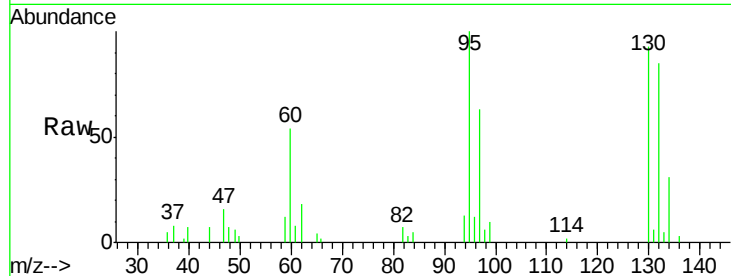
Ion Ratio Lower Upper

95 100

97 62.7 44.7 82.9

132 85.5 65.2 121.0

130 93.3 65.0 120.6

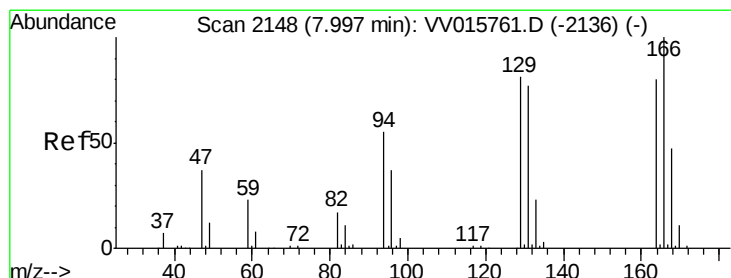
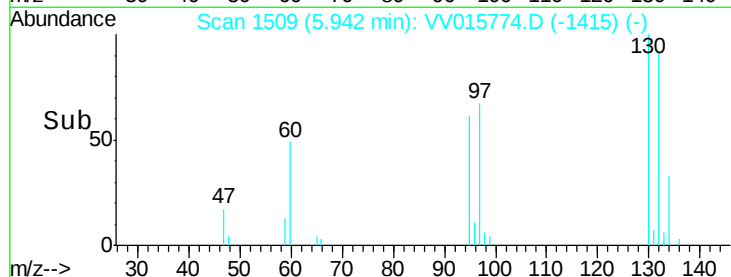
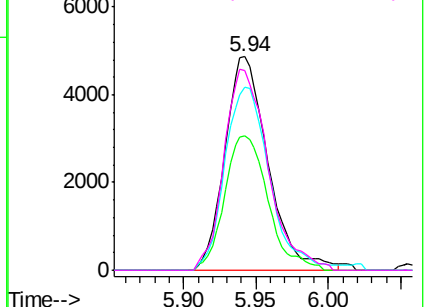


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 2280.778 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.02 min

Lab File: VV015774.D

Acq: 29 Apr 2020 02:37

Tgt Ion:164 Resp:14465225

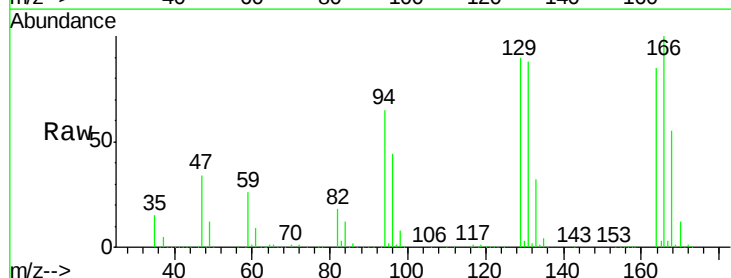
Ion Ratio Lower Upper

164 100

129 106.8 66.7 123.9

131 103.9 66.6 123.6

166 118.1 85.3 158.5



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

