

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015773.D
 Acq On : 29 Apr 2020 02:14
 Operator : SY/MD
 Sample : L2419-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF1

Quant Time: Apr 29 06:02:41 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	114605	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	109478	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	48304	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37323	6.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.60%
7) Chloroethane-d5	1.58	69	32811	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	2.12	63	53098	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	3.91	46	84439	43.91	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.82%
24) Chloroform-d	4.38	84	57180	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	5.06	65	38471	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.08	84	130043	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.10	67	40000	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.34	98	112111	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.65	79	12477	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.11	63	64275	40.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.64%
57) 1,1,1,2,2-Tetrachloroethane-	10.24	84	26525	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	36365	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%

Target Compounds

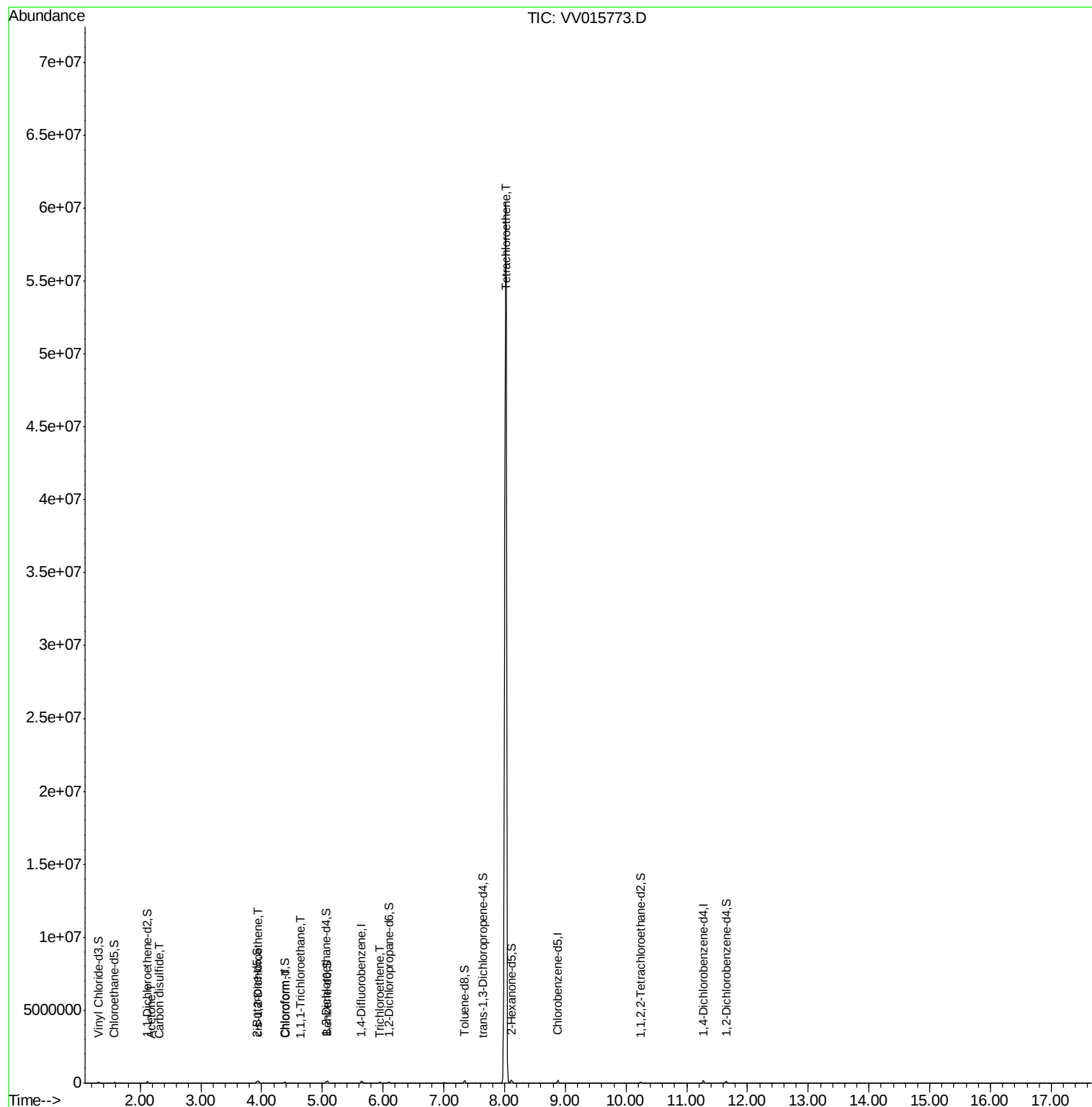
					Ovalue
13) Acetone	2.19	43	4254	3.186	ug/L 97
14) Carbon disulfide	2.31	76	2440	0.129	ug/L # 87
22) cis-1,2-Dichloroethene	3.94	96	62726	7.596	ug/L 96
25) Chloroform	4.40	83	11693	0.751	ug/L 95
29) 1,1,1-Trichloroethane	4.63	97	4844	0.349	ug/L 100
34) Trichloroethene	5.94	95	19534	2.261	ug/L 99
47) Tetrachloroethene	8.02	164	15628738	2512.830	ug/L 92

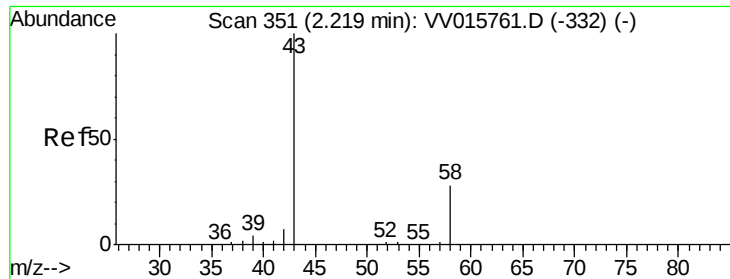
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.186 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.03 min

Lab File: VV015773.D

Acq: 29 Apr 2020 02:14

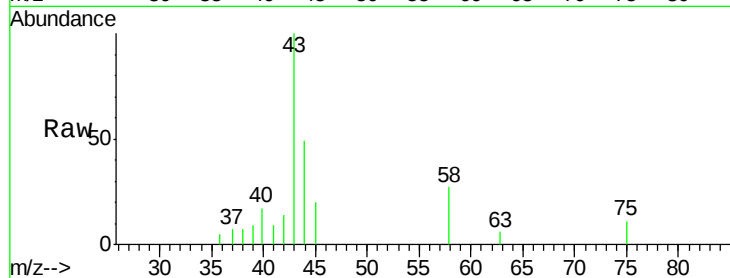
Instrument :
MSVOA_V
ClientSampleId :
C0AF1

Tot Ion: 43 Resp: 4254

Ion Ratio Lower Upper

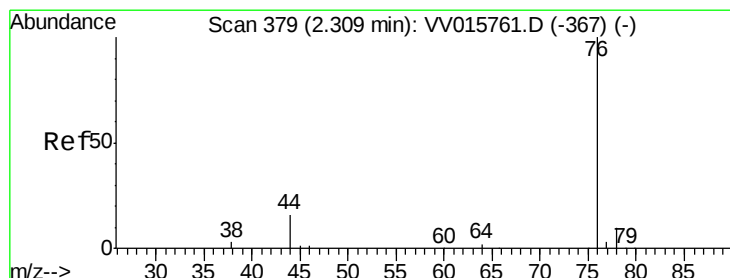
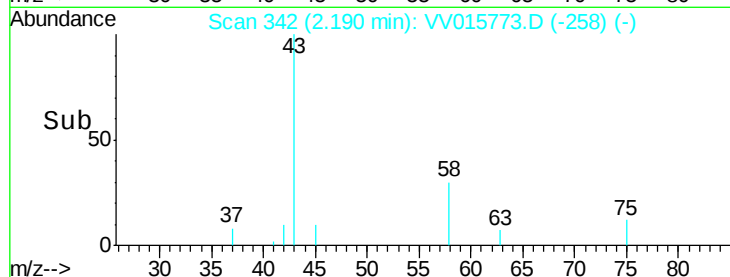
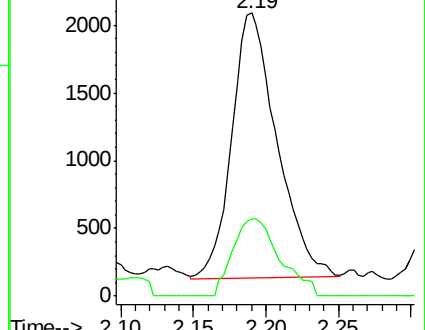
43 100

58 30.2 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015773.D (-258) (-)

Ion 58.05 (57.75 to 58.75): VV015773.D (-258) (-)



#14

Carbon disulfide

Concen: 0.129 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV015773.D

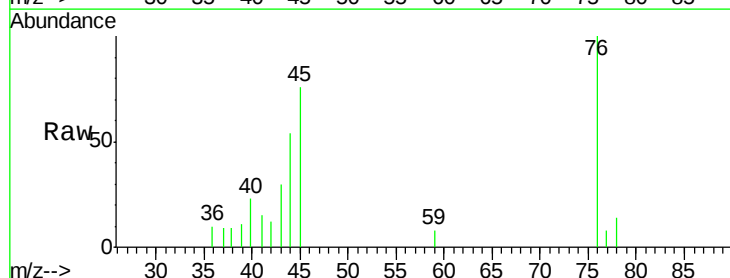
Acq: 29 Apr 2020 02:14

Tgt Ion: 76 Resp: 2440

Ion Ratio Lower Upper

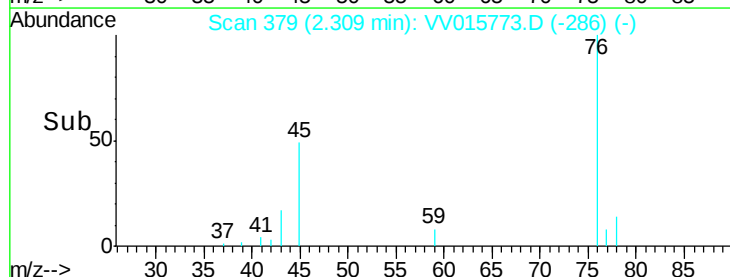
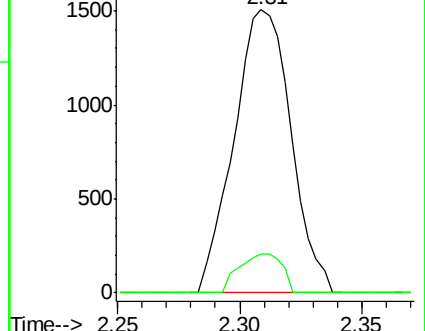
76 100

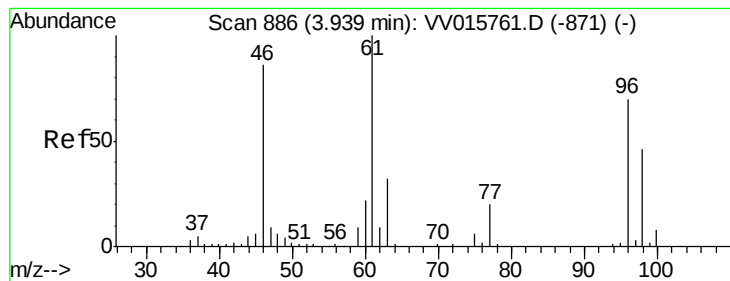
78 13.9 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV015773.D (-286) (-)

Ion 78.00 (77.70 to 78.70): VV015773.D (-286) (-)



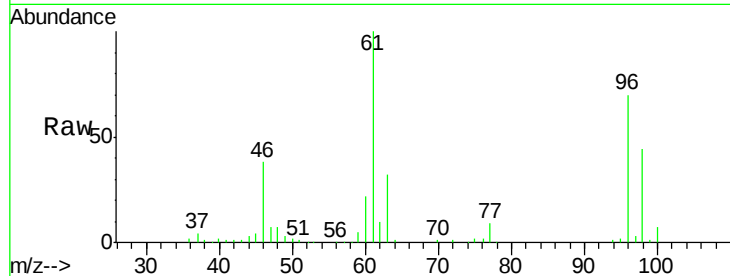


#22

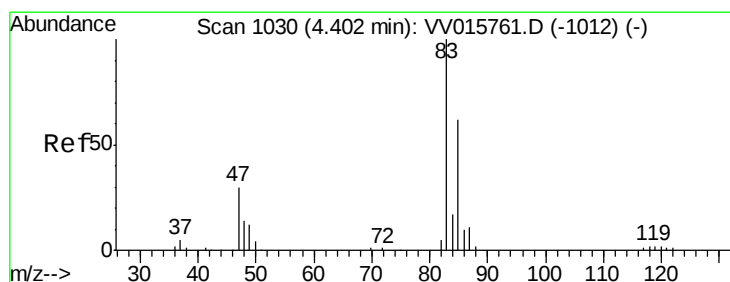
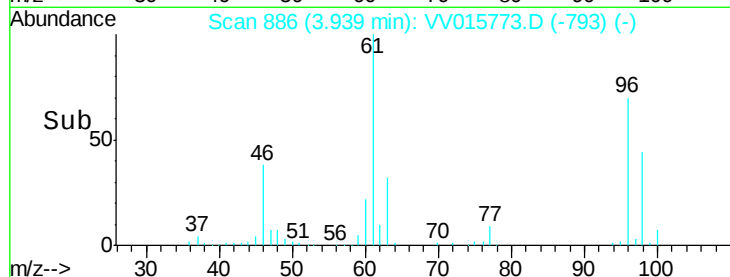
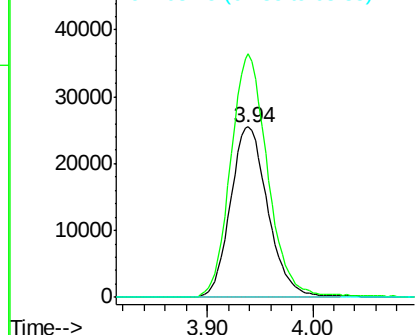
cis-1,2-Dichloroethene
 Concen: 7.596 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV015773.D
 Acq: 29 Apr 2020 02:14

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF1

Tot Ion: 96 Resp: 62726
 Ion Ratio Lower Upper
 96 100
 61 142.9 96.4 179.0
 68 0.0 0.0 0.0



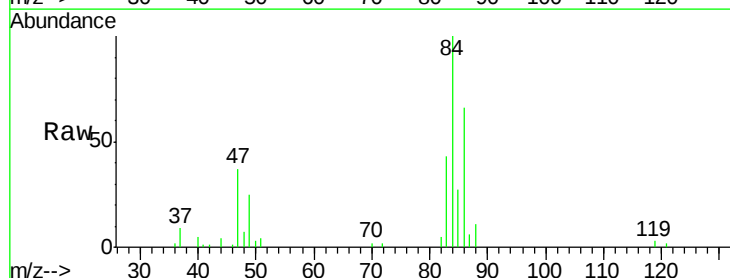
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



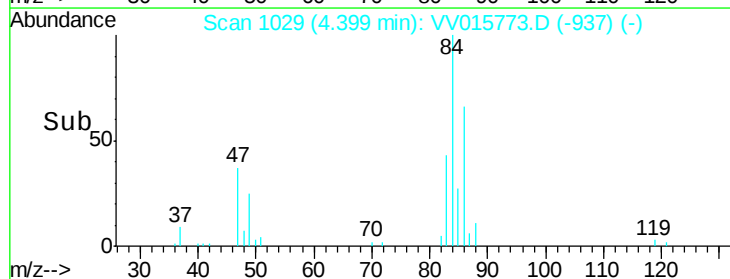
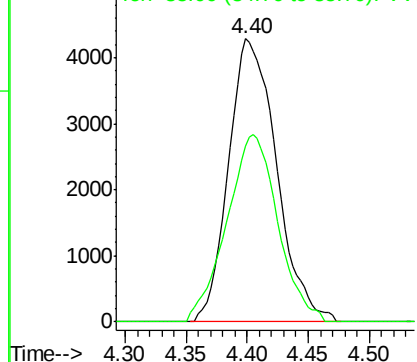
#25

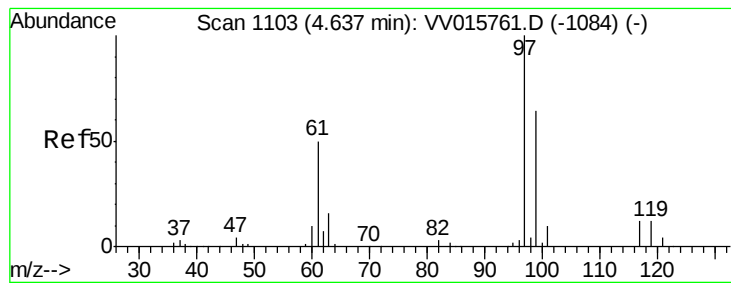
Chloroform
 Concen: 0.751 ug/L
 RT: 4.40 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VV015773.D
 Acq: 29 Apr 2020 02:14

Tgt Ion: 83 Resp: 11693
 Ion Ratio Lower Upper
 83 100
 85 62.0 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0





#29

1,1,1-Trichloroethane

Concen: 0.349 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VV015773.D

Acq: 29 Apr 2020 02:14

Instrument :

MSVOA_V

ClientSampled :

C0AF1

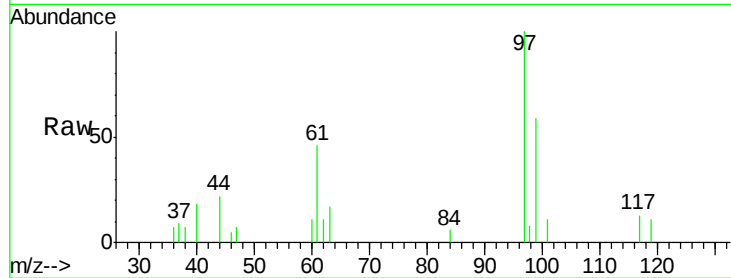
Tot Ion: 97 Resp: 4844

Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 47.7 38.6 57.8

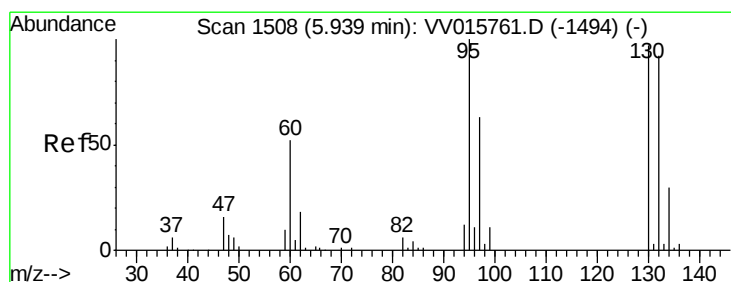
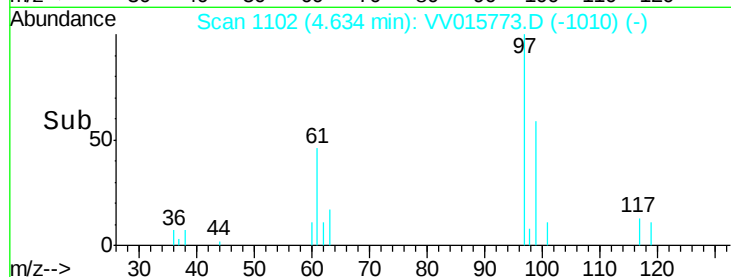
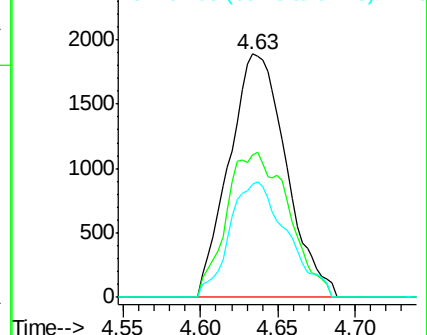


Abundance

Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0



#34

Trichloroethene

Concen: 2.261 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV015773.D

Acq: 29 Apr 2020 02:14

Tgt Ion: 95 Resp: 19534

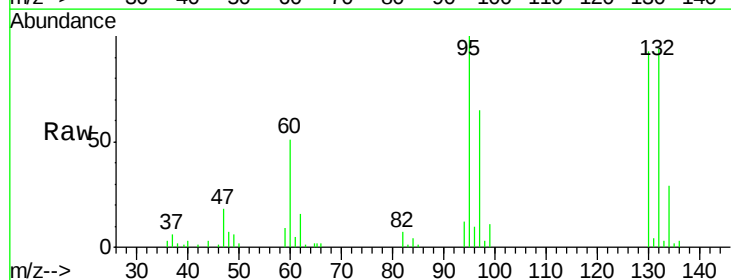
Ion Ratio Lower Upper

95 100

97 65.2 44.7 82.9

132 93.5 65.2 121.0

130 92.8 65.0 120.6



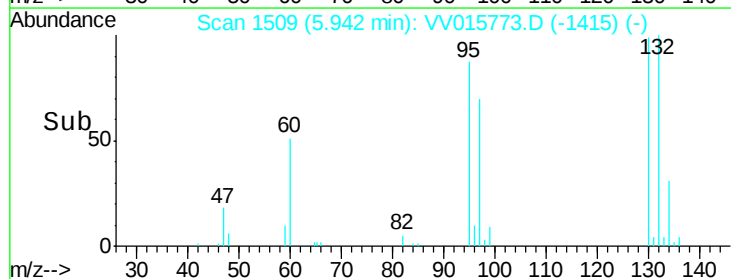
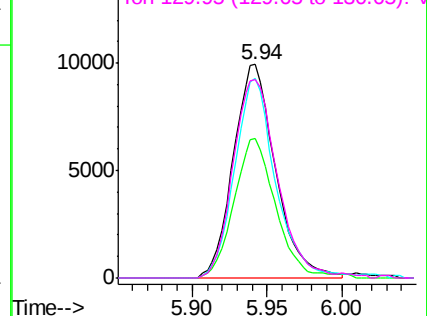
Abundance

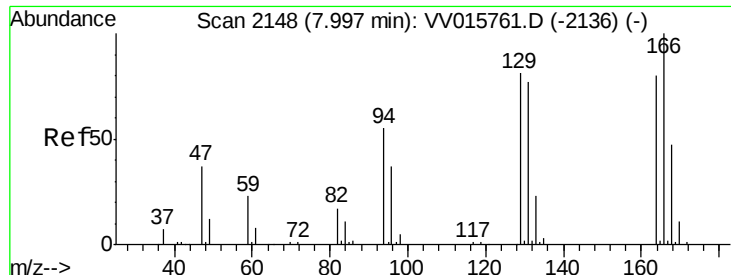
Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#47

Tetrachloroethene

Concen: 2512.830 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.03 min

Lab File: VV015773.D

Acq: 29 Apr 2020 02:14

Instrument :
MSVOA_V
ClientSampleId :
C0AF1

Tot Ion:164 Resp:15628738

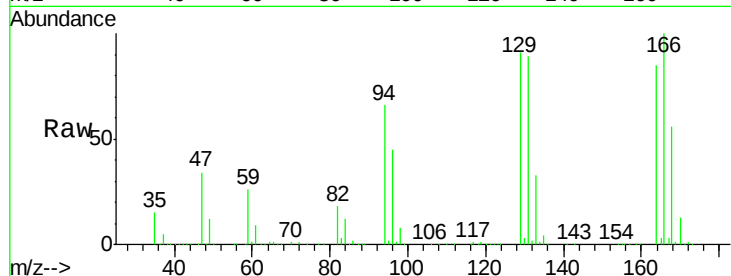
Ion Ratio Lower Upper

164 100

129 107.1 66.7 123.9

131 104.1 66.6 123.6

166 117.5 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

