

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042020\
 Data File : VV015573.D
 Acq On : 20 Apr 2020 11:24
 Operator : SY/MD
 Sample : L2333-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC4

Quant Time: Apr 21 05:09:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 21 00:05:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	96303	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	89504	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	42645	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21226	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.58	69	21712	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.12	63	33752	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.94	46	73018	52.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.08%
24) Chloroform-d	4.37	84	52442	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.06	65	28865	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.07	84	97287	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.09	67	31135	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.33	98	86201	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.64	79	8288	3.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.60%
46) 2-Hexanone-d5	8.11	63	50545	38.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	22428	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	31609	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

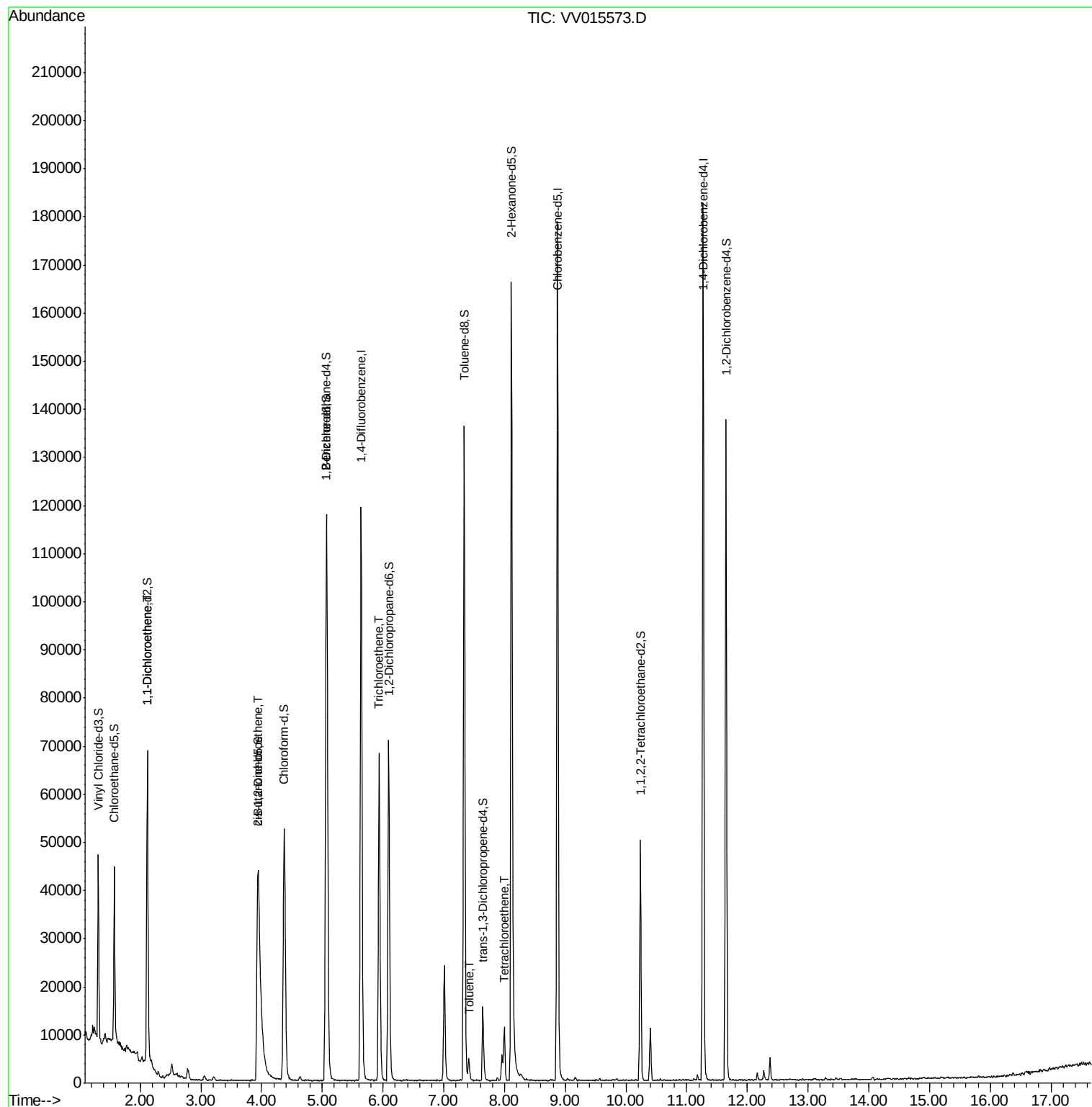
					Ovalue
12) 1,1-Dichloroethene	2.13	96	3045	0.504 ug/L	# 1
22) cis-1,2-Dichloroethene	3.94	96	7907	1.118 ug/L	99
34) Trichloroethene	5.94	95	23286	3.230 ug/L	97
42) Toluene	7.41	91	3368	0.116 ug/L	90
47) Tetrachloroethene	8.00	164	2402	0.450 ug/L	94

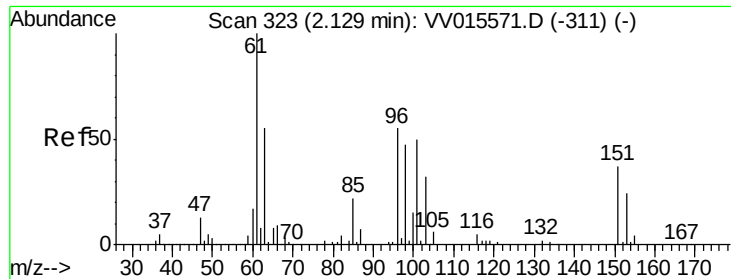
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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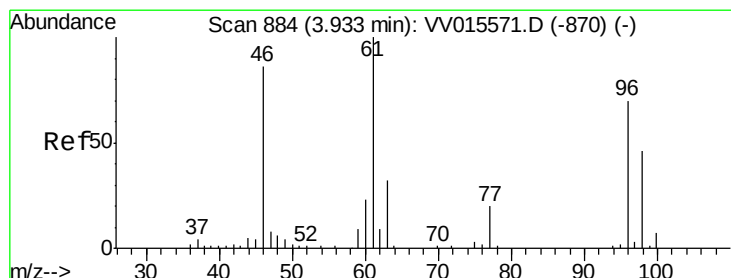
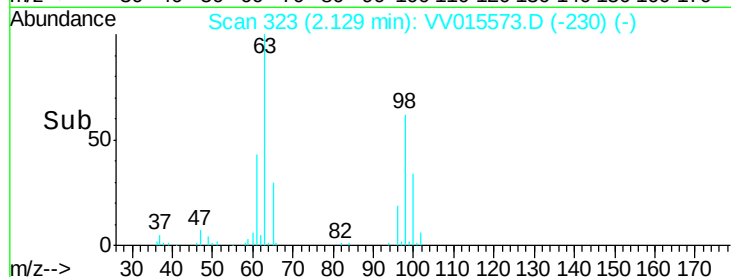
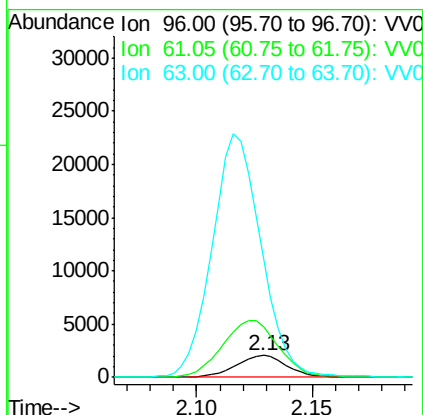
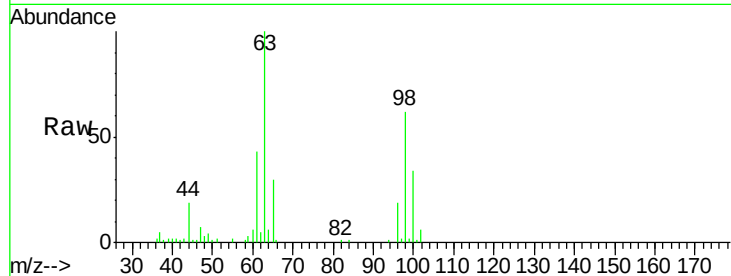




#12
 1,1-Dichloroethene
 Concen: 0.504 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: VV015573.D
 Acq: 20 Apr 2020 11:24

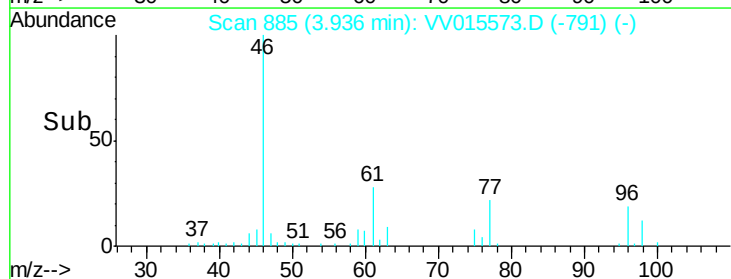
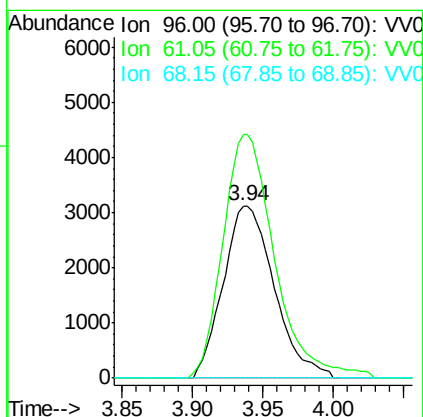
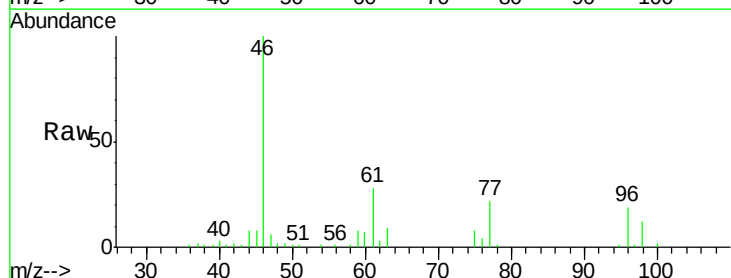
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 MSVOA_V
 ClientSampleId :
 C0AC4

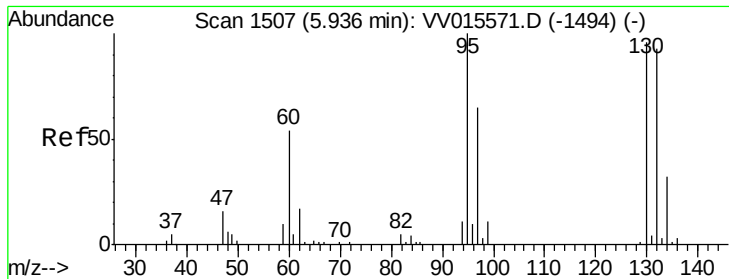
Tot Ion: 96 Resp: 3045
 Ion Ratio Lower Upper
 96 100
 61 229.5 127.7 237.1
 63 534.4 75.1 139.5#



#22
 cis-1,2-Dichloroethene
 Concen: 1.118 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV015573.D
 Acq: 20 Apr 2020 11:24

Tgt Ion: 96 Resp: 7907
 Ion Ratio Lower Upper
 96 100
 61 141.3 100.0 185.8
 68 0.0 0.0 0.0

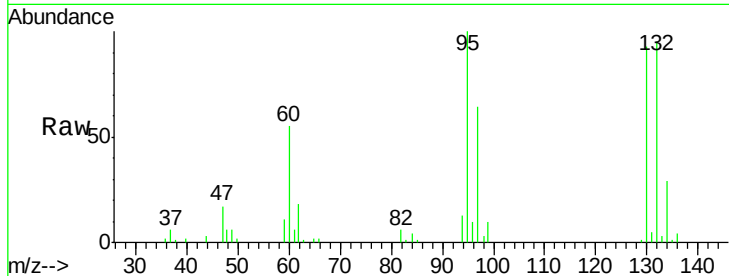




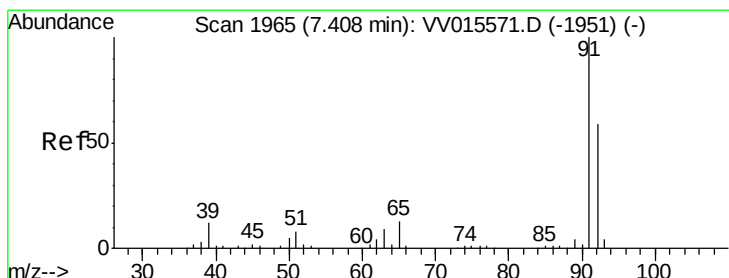
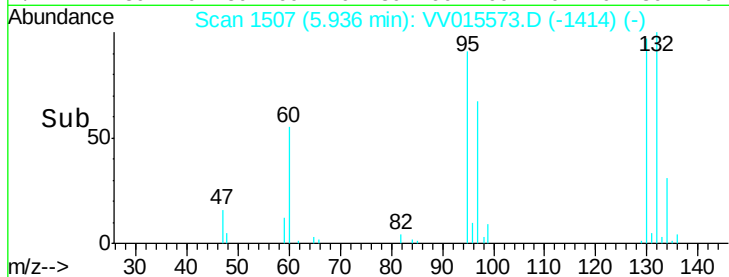
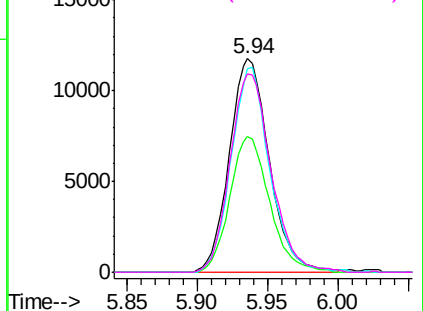
#34
 Trichloroethene
 Concen: 3.230 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV015573.D
 Acq: 20 Apr 2020 11:24

Instrument :
 MSVOA_V
 ClientSampled :
 C0AC4

Tot Ion: 95 Resp: 23286
 Ion Ratio Lower Upper
 95 100
 97 63.6 45.4 84.4
 132 95.4 64.8 120.4
 130 92.9 67.4 125.2

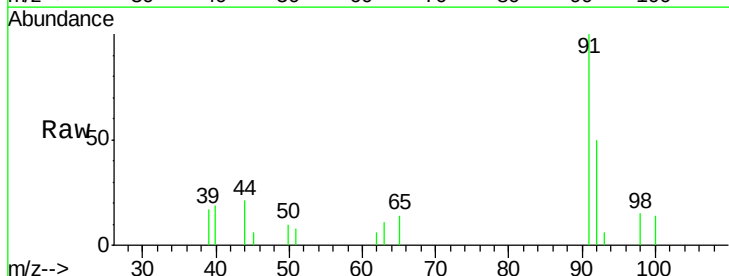


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

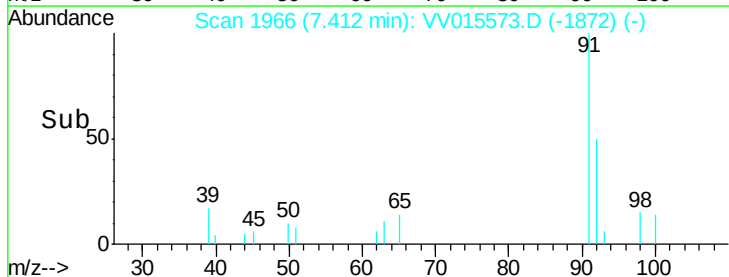
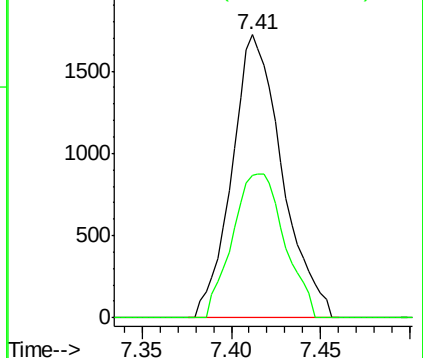


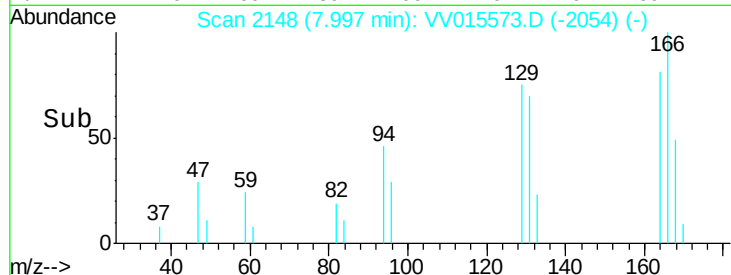
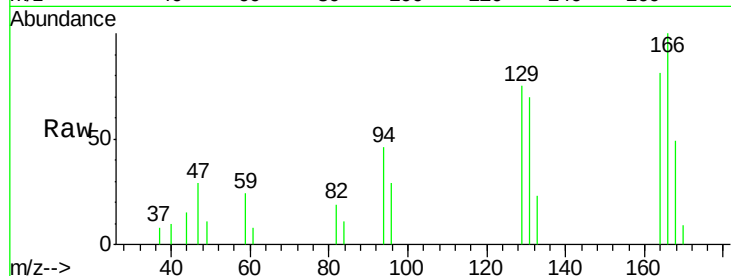
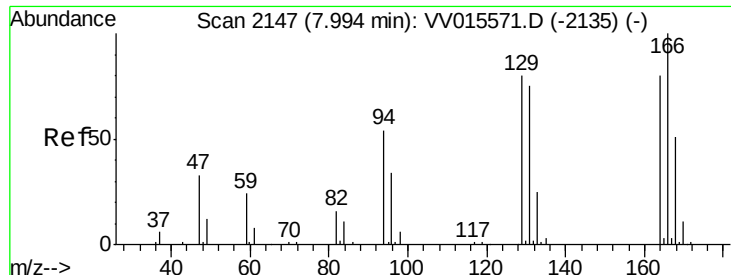
#42
 Toluene
 Concen: 0.116 ug/L
 RT: 7.41 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: VV015573.D
 Acq: 20 Apr 2020 11:24

Tgt Ion: 91 Resp: 3368
 Ion Ratio Lower Upper
 91 100
 92 50.2 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VV0
 Ion 92.15 (91.85 to 92.85): VV0





#47

Tetrachloroethene

Concen: 0.450 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015573.D

Acq: 20 Apr 2020 11:24

Instrument :
MSVOA_V
ClientSampleId :
C0AC4

Tot Ion:164 Resp: 2402

Ion Ratio Lower Upper

164 100

129 93.1 70.6 131.0

131 86.5 68.3 126.8

166 123.9 88.3 163.9

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

