

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
 Data File : VV013828.D
 Acq On : 27 Nov 2019 17:30
 Operator : SY/MD
 Sample : K6056-07DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFE14DL

Quant Time: Nov 29 02:48:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 02:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	314699	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	312646	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	145669	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71397	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.58	69	73043	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.13	63	171181	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.40%
20) 2-Butanone-d5	3.93	46	254570	62.87	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.74%
24) Chloroform-d	4.40	84	183590	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.08	65	95125	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.10	84	337104	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.11	67	105998	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.36	98	266663	3.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.40%
43) trans-1,3-Dichloropropene-	7.66	79	37468	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.13	63	187998	54.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	88750	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	126339	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

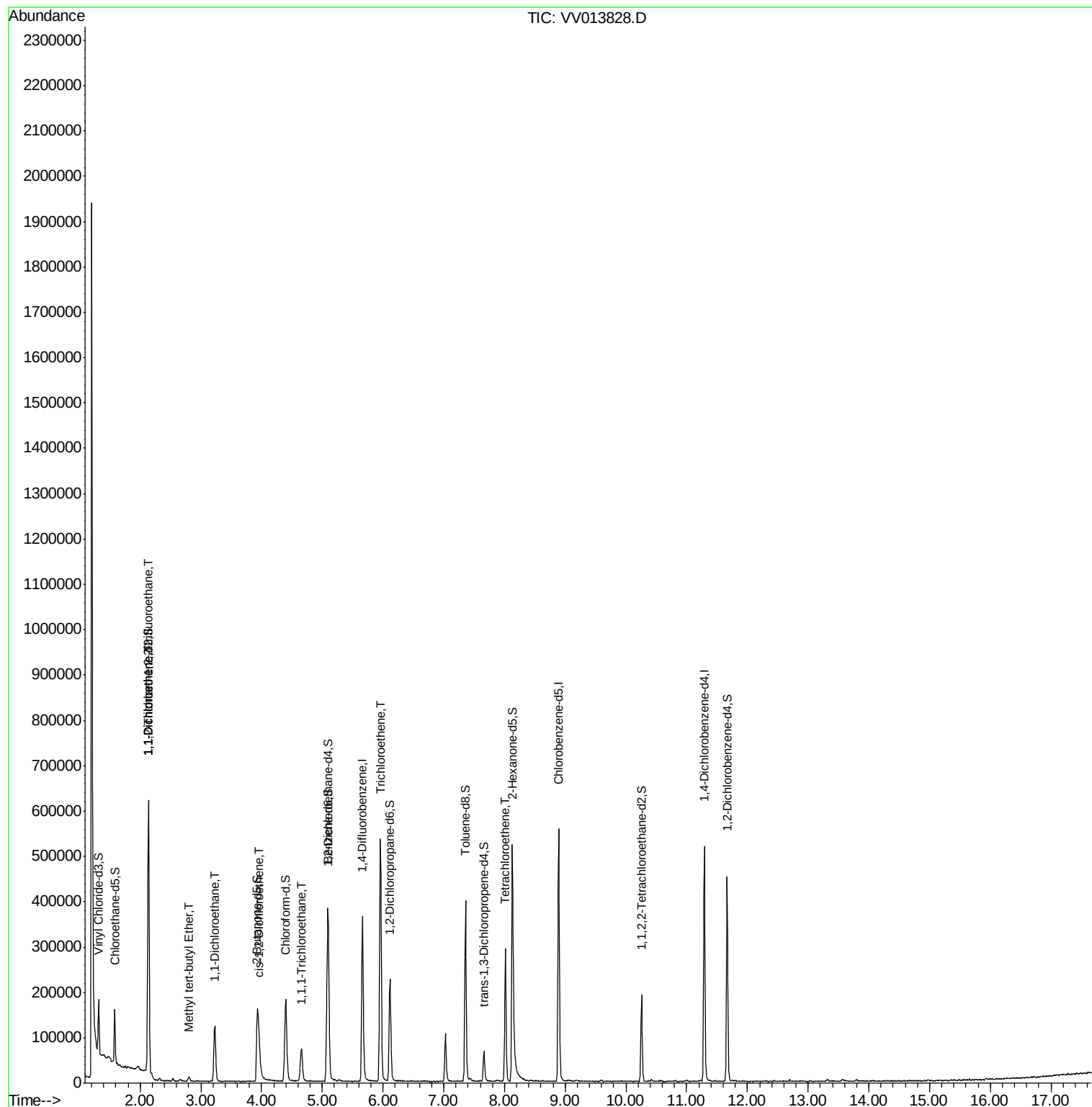
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	17278	0.996 ug/L	99
12) 1,1-Dichloroethene	2.14	96	136471	9.020 ug/L #	73
17) Methyl tert-butyl Ether	2.80	73	8347	0.202 ug/L #	85
19) 1,1-Dichloroethane	3.23	63	122545	3.593 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	21263	1.061 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	54997	1.720 ug/L	98
34) Trichloroethene	5.96	95	183843	8.690 ug/L	98
47) Tetrachloroethene	8.02	164	71740	3.905 ug/L	96

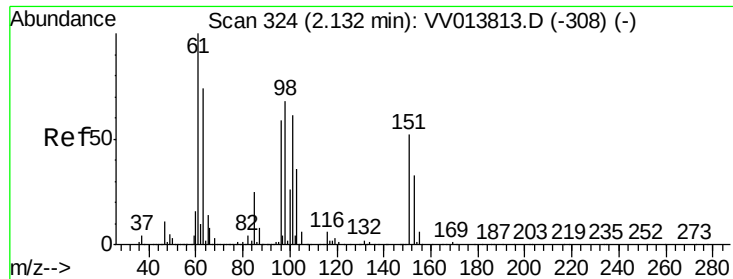
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 28 02:51:59 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.996 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.01 min

Lab File: VV013828.D

Acq: 27 Nov 2019 17:30

Instrument :

MSVOA_V

ClientSampleId :

BFE14DL

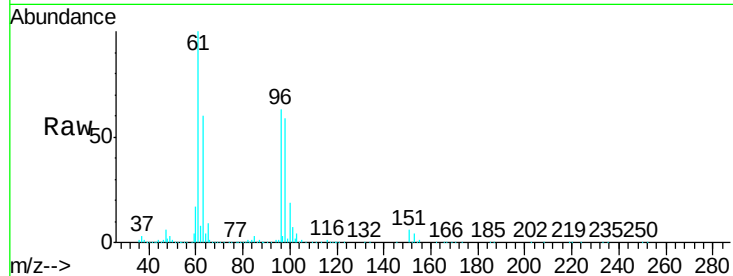
Tgt Ion:101 Resp: 17278

Ion Ratio Lower Upper

101 100

85 41.3 33.4 50.0

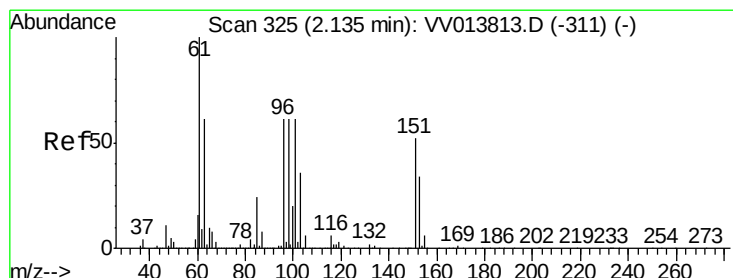
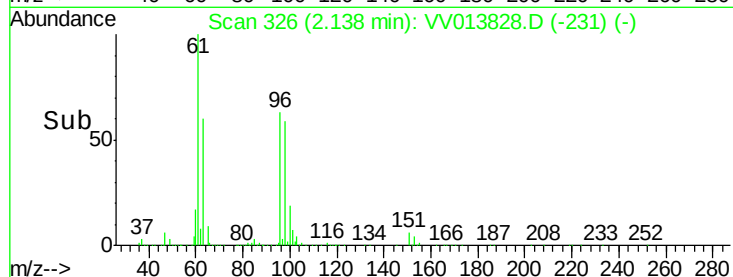
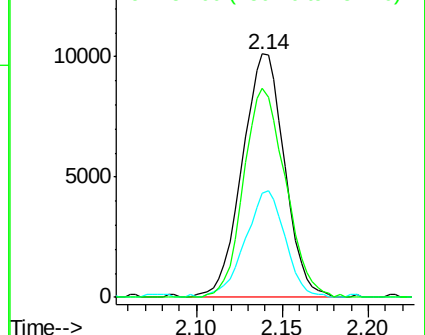
151 85.3 69.4 104.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 9.020 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.01 min

Lab File: VV013828.D

Acq: 27 Nov 2019 17:30

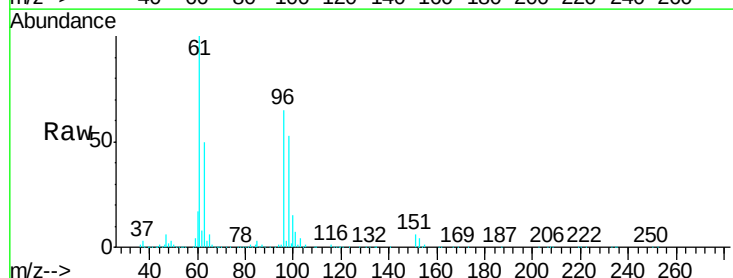
Tgt Ion: 96 Resp: 136471

Ion Ratio Lower Upper

96 100

61 154.8 116.3 215.9

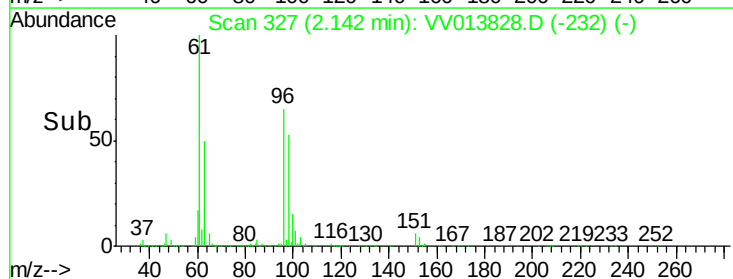
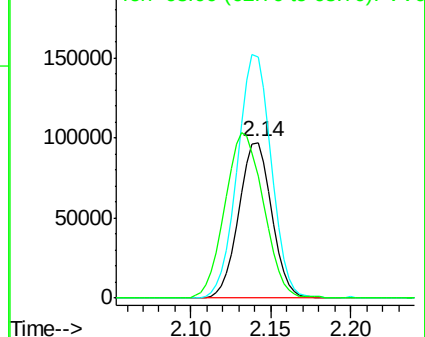
63 78.1 96.7 179.7#

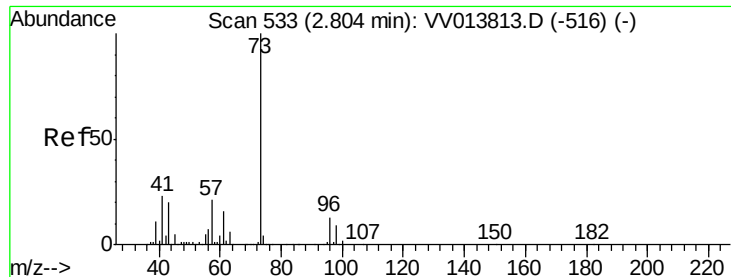


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

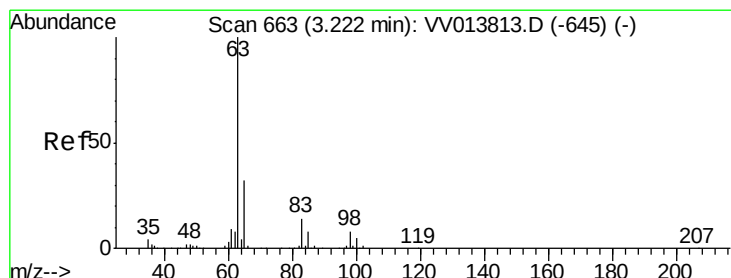
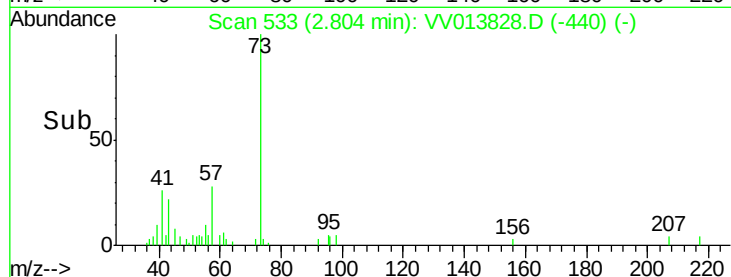
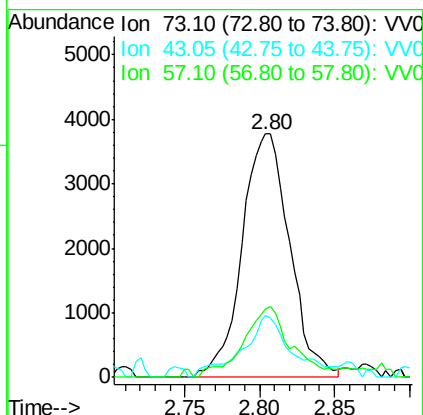
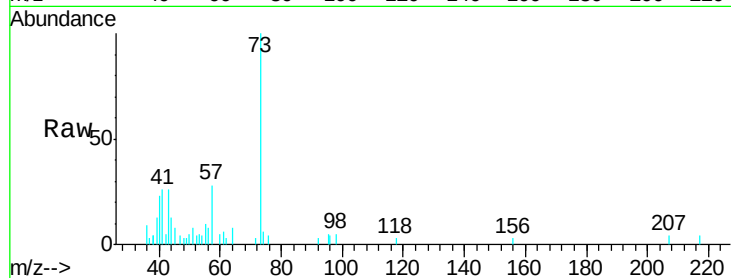




#17
Methyl tert-butyl Ether
Concen: 0.202 ug/L
RT: 2.80 min Scan# 533
Delta R.T. 0.00 min
Lab File: VV013828.D
Acq: 27 Nov 2019 17:30

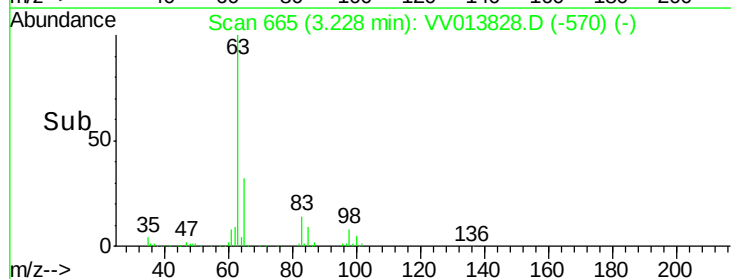
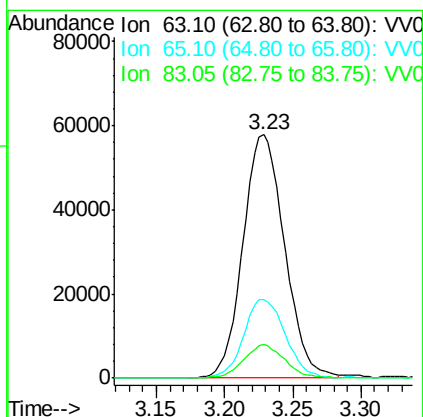
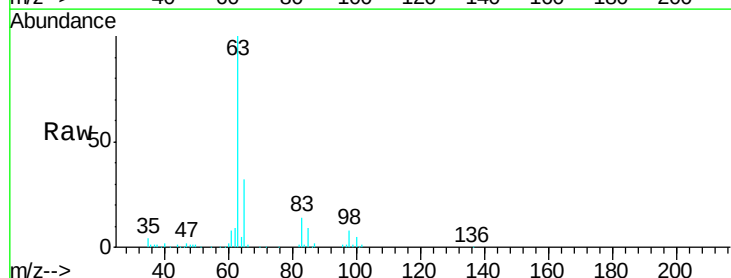
Instrument :
MSVOA_V
ClientSampleId :
BFE14DL

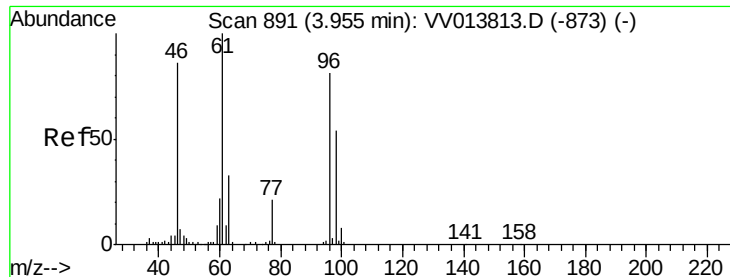
Tgt Ion: 73 Resp: 8347
Ion Ratio Lower Upper
73 100
43 26.4 15.5 23.3#
57 29.2 17.5 26.3#



#19
1,1-Dichloroethane
Concen: 3.593 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.01 min
Lab File: VV013828.D
Acq: 27 Nov 2019 17:30

Tgt Ion: 63 Resp: 122545
Ion Ratio Lower Upper
63 100
65 32.5 22.7 42.1
83 13.6 9.2 17.2



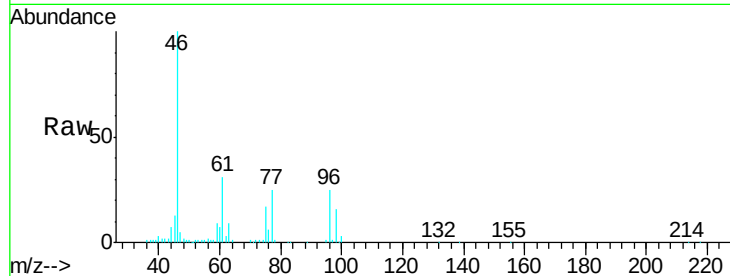


#22

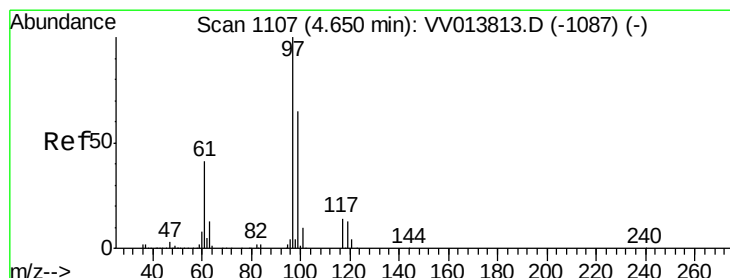
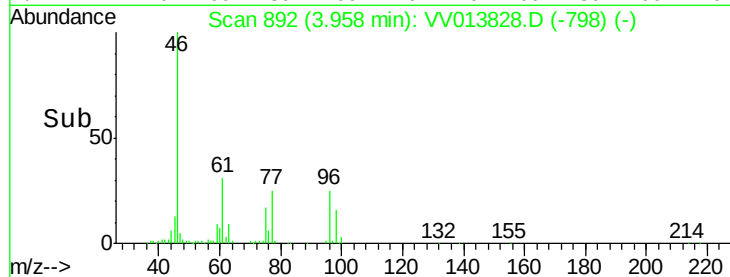
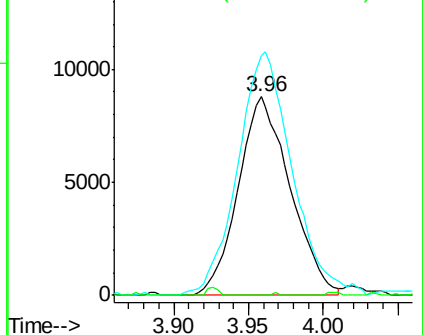
cis-1,2-Dichloroethene
 Concen: 1.061 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV013828.D
 Acq: 27 Nov 2019 17:30

Instrument :
 MSVOA_V
 ClientSampled :
 BFE14DL

Tgt Ion: 96 Resp: 21263
 Ion Ratio Lower Upper
 96 100
 61 120.8 86.1 159.9
 68 0.0 0.0 0.0



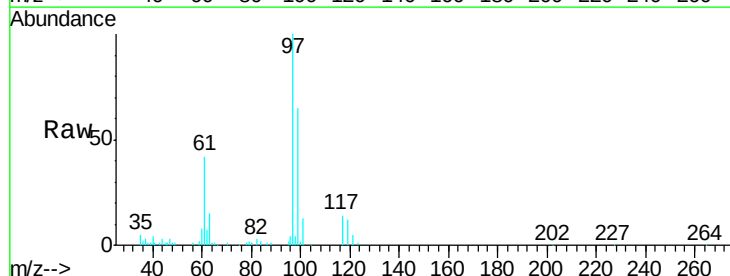
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



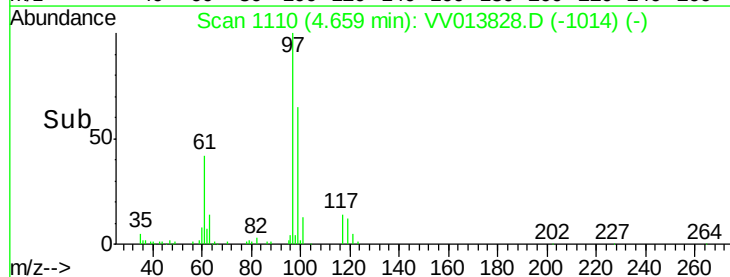
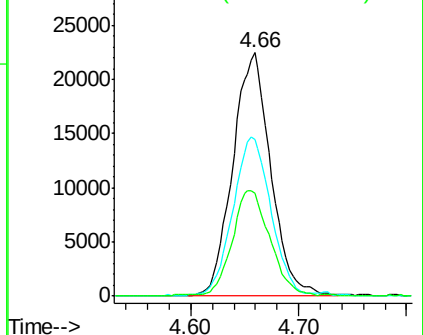
#29

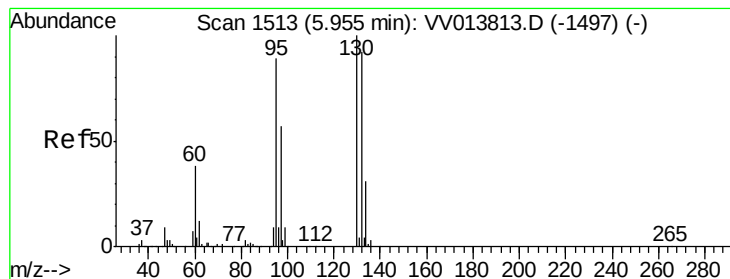
1,1,1-Trichloroethane
 Concen: 1.720 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. 0.01 min
 Lab File: VV013828.D
 Acq: 27 Nov 2019 17:30

Tgt Ion: 97 Resp: 54997
 Ion Ratio Lower Upper
 97 100
 99 66.0 51.7 77.5
 61 43.0 35.0 52.6



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: 8.690 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013828.D

Acq: 27 Nov 2019 17:30

Instrument :

MSVOA_V

ClientSampleId :

BFE14DL

Tgt Ion: 95 Resp: 183843

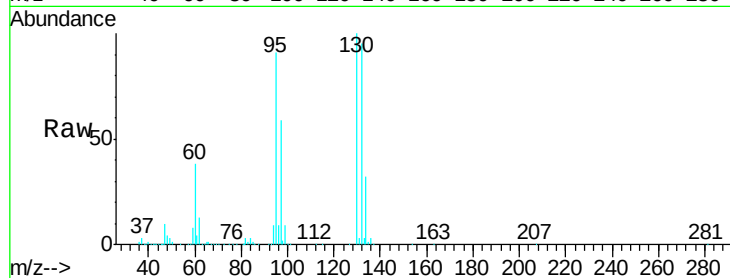
Ion Ratio Lower Upper

95 100

97 65.4 45.6 84.8

132 104.9 70.5 130.9

130 110.1 75.9 140.9

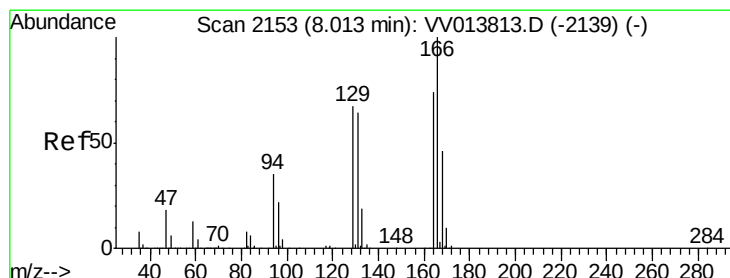
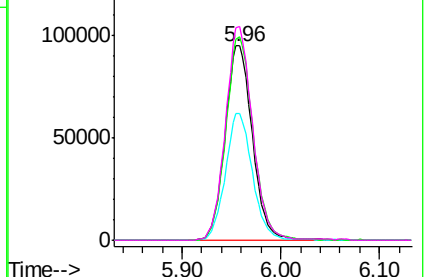
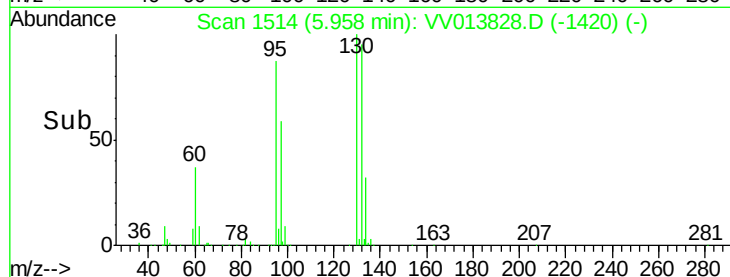


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 3.905 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013828.D

Acq: 27 Nov 2019 17:30

Tgt Ion: 164 Resp: 71740

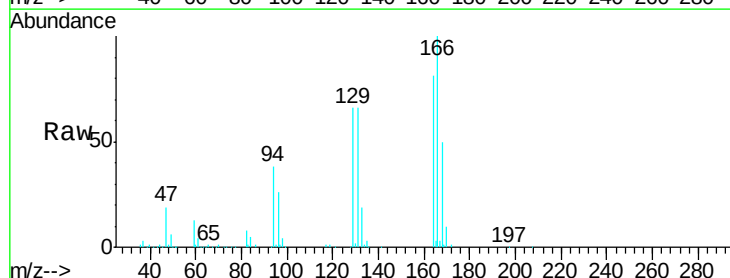
Ion Ratio Lower Upper

164 100

129 81.4 60.3 112.1

131 81.4 59.9 111.3

166 123.8 89.1 165.5



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

