

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
 Data File : VV013232.D
 Acq On : 19 Oct 2019 04:29
 Operator : SY/MD
 Sample : K5457-16
 Misc : 25.00ML/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0K21

Quant Time: Nov 01 04:25:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 01 02:14:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	409475	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	453659	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	226107	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	207373	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.58	69	169399	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.13	63	263497	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	3.97	46	555773	64.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.48%
24) Chloroform-d	4.40	84	411068	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.08	65	206848	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.10	84	824175	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.12	67	259531	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	671073	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.66	79	83973	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.14	63	357848	48.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	191430	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	261332	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

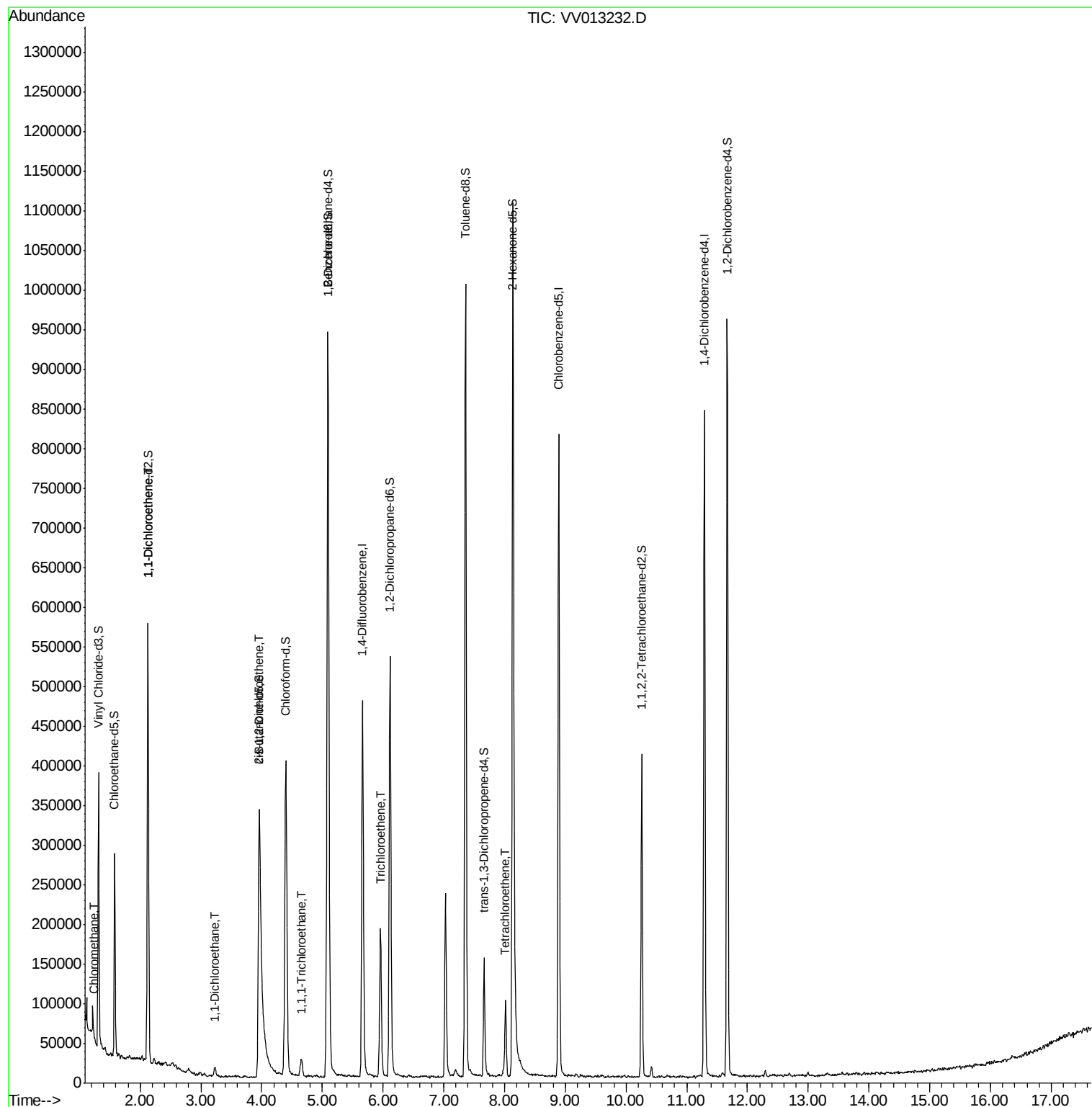
					Qvalue
3) Chloromethane	1.25	50	5994	0.122 ug/L	100
12) 1,1-Dichloroethene	2.14	96	37617	1.144 ug/L #	9
19) 1,1-Dichloroethane	3.23	63	10875	0.139 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	90404	2.039 ug/L #	98
29) 1,1,1-Trichloroethane	4.65	97	15404	0.220 ug/L	91
34) Trichloroethene	5.96	95	61758	1.303 ug/L	95
47) Tetrachloroethene	8.01	164	22285	0.538 ug/L	96

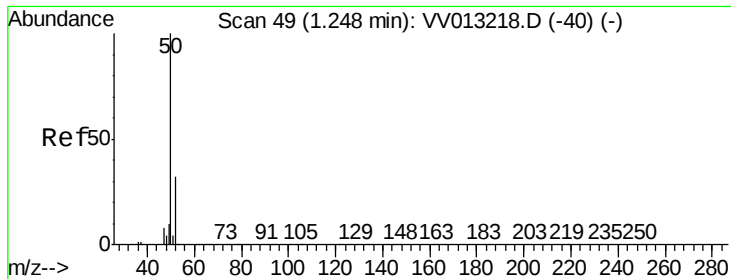
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.122 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV013232.D

Acq: 19 Oct 2019 04:29

Instrument :

MSVOA_V

ClientSampled :

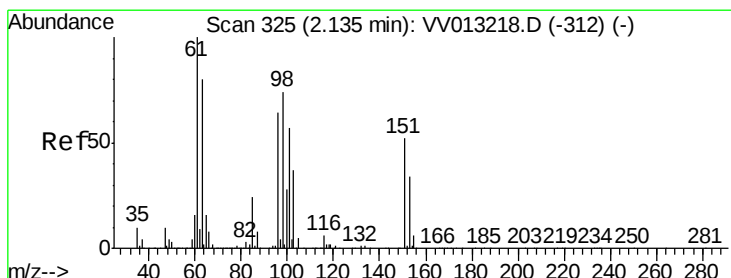
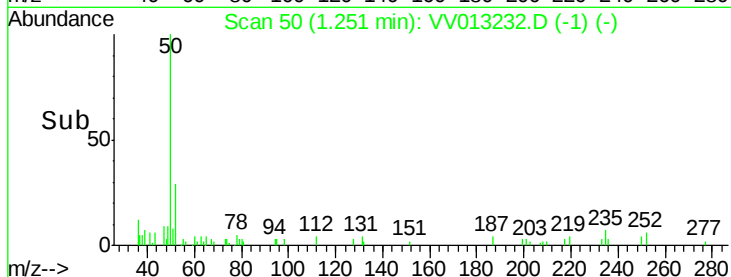
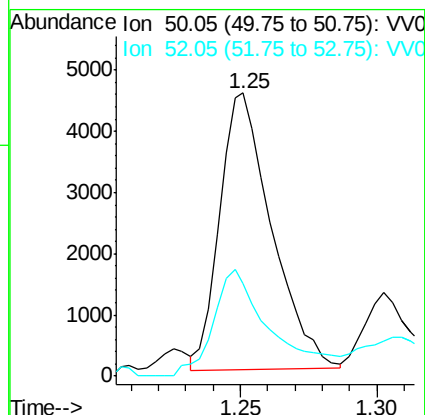
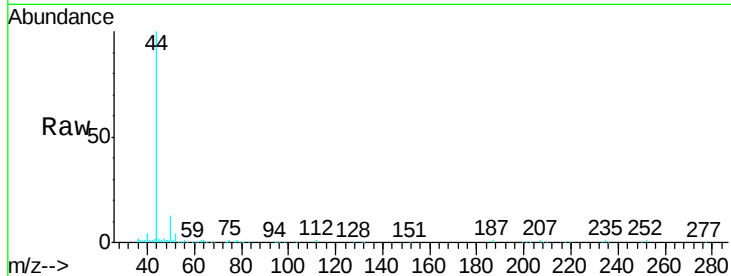
C0K21

Tgt Ion: 50 Resp: 5994

Ion Ratio Lower Upper

50 100

52 32.9 23.0 42.8



#12

1,1-Dichloroethene

Concen: 1.144 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV013232.D

Acq: 19 Oct 2019 04:29

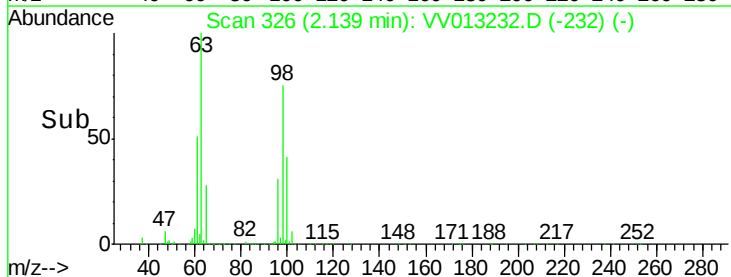
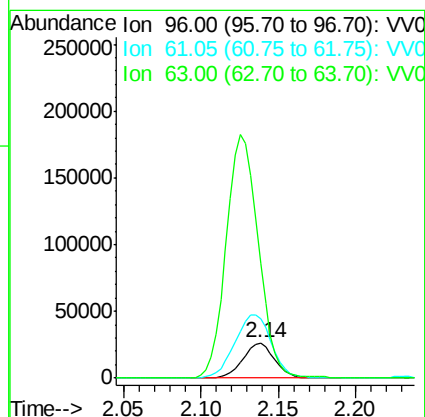
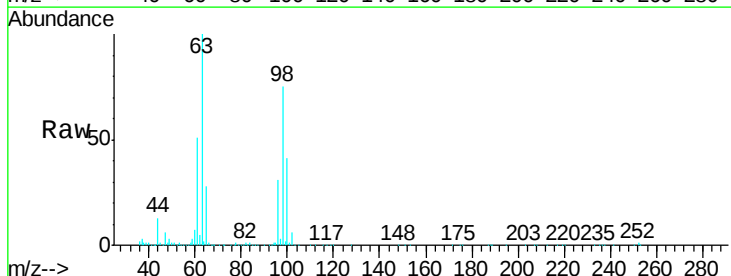
Tgt Ion: 96 Resp: 37617

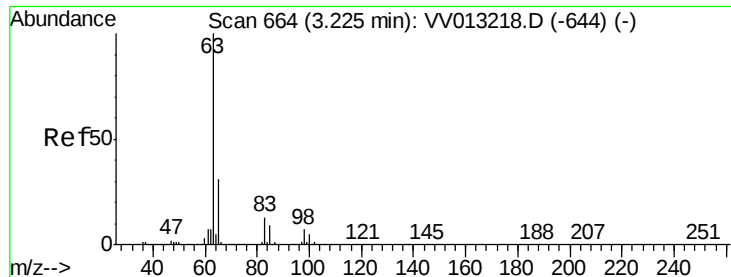
Ion Ratio Lower Upper

96 100

61 167.6 109.8 204.0

63 325.6 72.6 134.8#

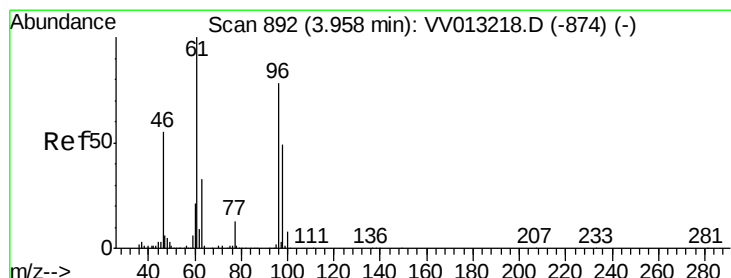
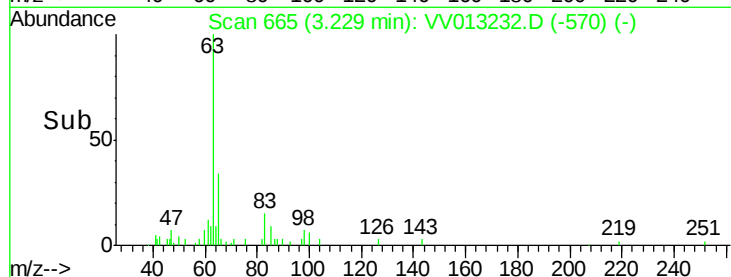
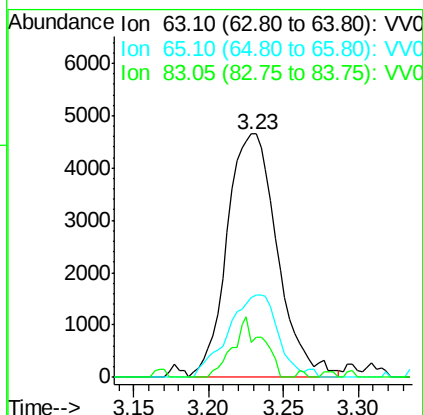
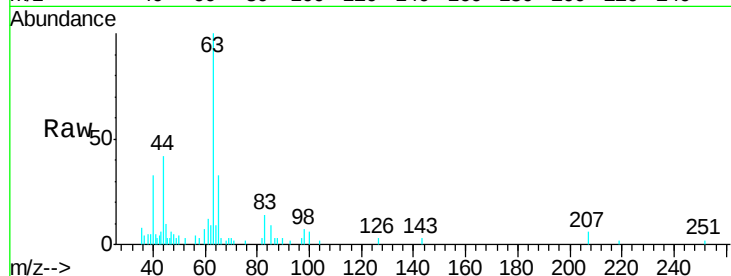




#19
 1,1-Dichloroethane
 Concen: 0.139 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: VV013232.D
 Acq: 19 Oct 2019 04:29

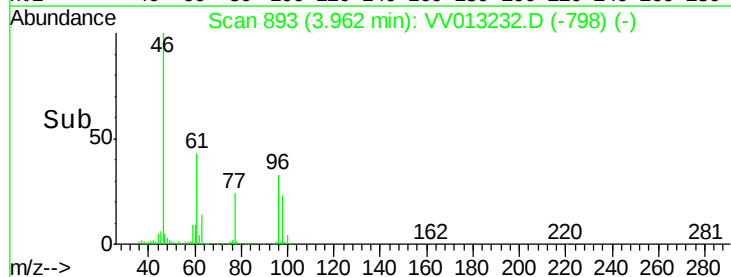
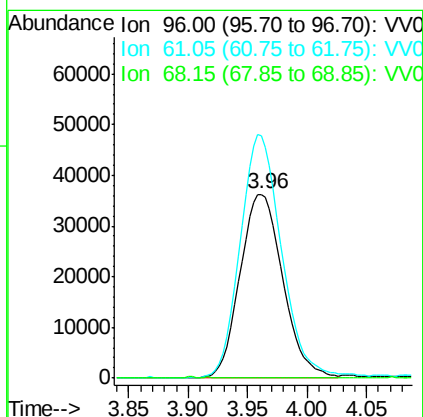
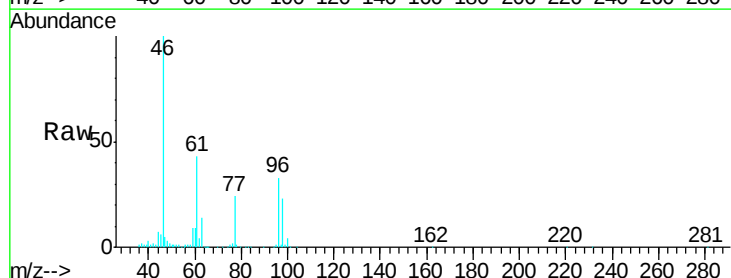
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 MSVOA_V
 ClientSampled :
 C0K21

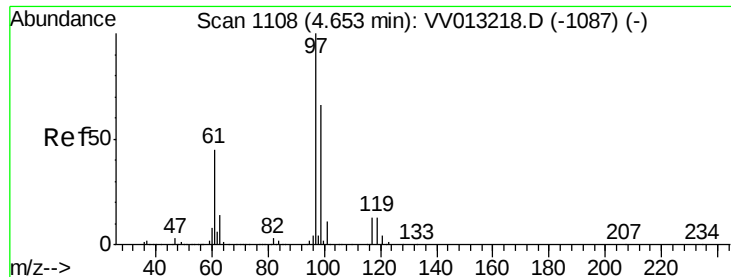
Tgt Ion: 63 Resp: 10875
 Ion Ratio Lower Upper
 63 100
 65 32.8 22.5 41.7
 83 14.4 9.5 17.7



#22
 cis-1,2-Dichloroethene
 Concen: 2.039 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: VV013232.D
 Acq: 19 Oct 2019 04:29

Tgt Ion: 96 Resp: 90404
 Ion Ratio Lower Upper
 96 100
 61 131.7 90.6 168.2
 68 0.0 0.1 0.1#





#29

1,1,1-Trichloroethane

Concen: 0.220 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VV013232.D

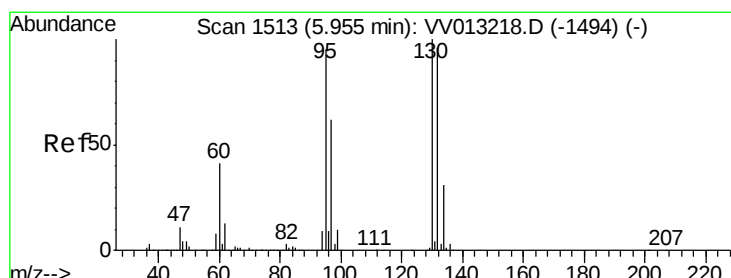
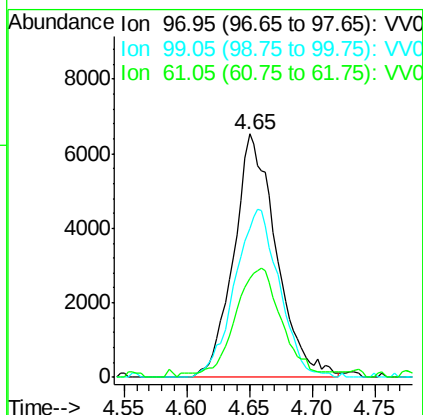
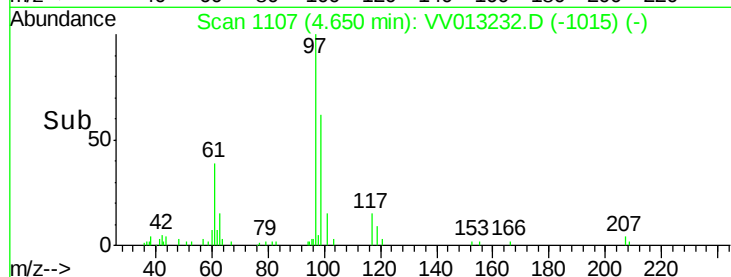
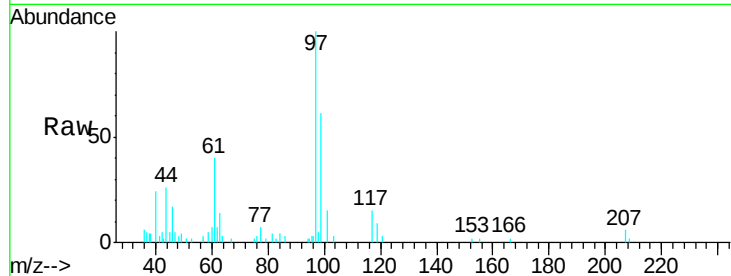
Acq: 19 Oct 2019 04:29

Instrument :
MSVOA_V

ClientSampleId :
C0K21

Tgt Ion: 97 Resp: 15404

Ion	Ratio	Lower	Upper
97	100		
99	72.6	51.2	76.8
61	50.0	37.0	55.4



#34

Trichloroethene

Concen: 1.303 ug/L

RT: 5.96 min Scan# 1514

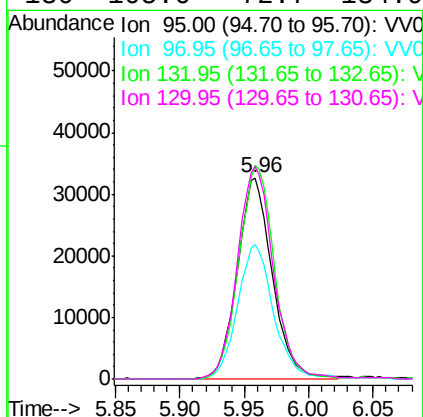
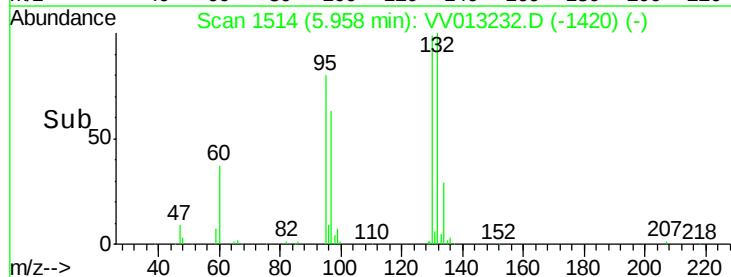
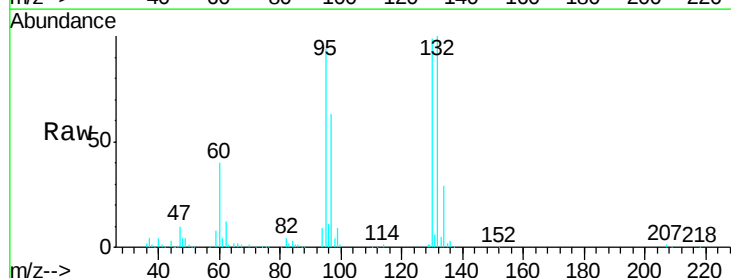
Delta R.T. 0.00 min

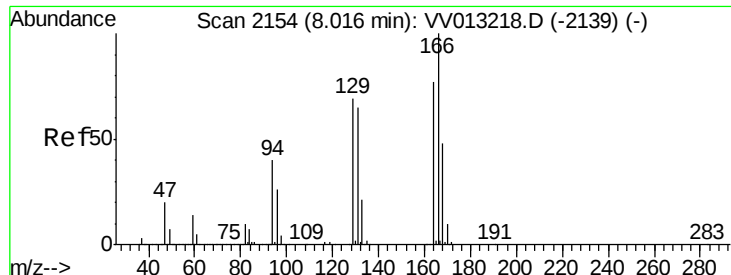
Lab File: VV013232.D

Acq: 19 Oct 2019 04:29

Tgt Ion: 95 Resp: 61758

Ion	Ratio	Lower	Upper
95	100		
97	66.9	44.7	82.9
132	106.1	68.9	127.9
130	105.6	72.7	134.9





#47

Tetrachloroethene

Concen: 0.538 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VV013232.D

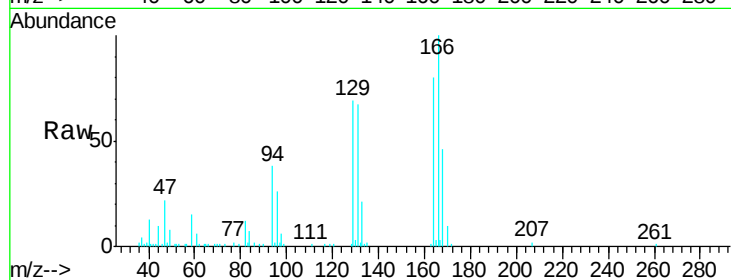
Acq: 19 Oct 2019 04:29

Instrument :

MSVOA_V

ClientSampleId :

C0K21



Tgt Ion:164 Resp: 22285

Ion Ratio Lower Upper

164 100

129 85.3 62.2 115.4

131 83.2 59.9 111.3

166 124.4 91.1 169.1

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

