

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090718\
 Data File : VV007465.D
 Acq On : 07 Sep 2018 16:52
 Operator : SY/MD
 Sample : J4751-08
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 08 05:08:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 08 05:06:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	578429	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	590843	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	226992	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	162056	39.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.44%
7) Chloroethane-d5	1.56	69	132213	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.70%
11) 1,1-Dichloroethene-d2	2.13	63	221705	30.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.92%
21) 2-Butanone-d5	3.96	46	226184	67.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.30%
24) Chloroform-d	4.41	84	343242	40.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.32%
26) 1,2-Dichloroethane-d4	5.09	65	218532	42.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.78%
32) Benzene-d6	5.10	84	692394	38.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.76%
36) 1,2-Dichloropropane-d6	6.13	67	240755	40.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.68%
41) Toluene-d8	7.36	98	578257	37.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.44%#
43) trans-1,3-Dichloropropene-	7.67	79	94351	37.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.24%
47) 2-Hexanone-d5	8.14	63	179562	76.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	316838	38.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.74%
64) 1,2-Dichlorobenzene-d4	11.68	152	216587	44.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.80%

Target Compounds

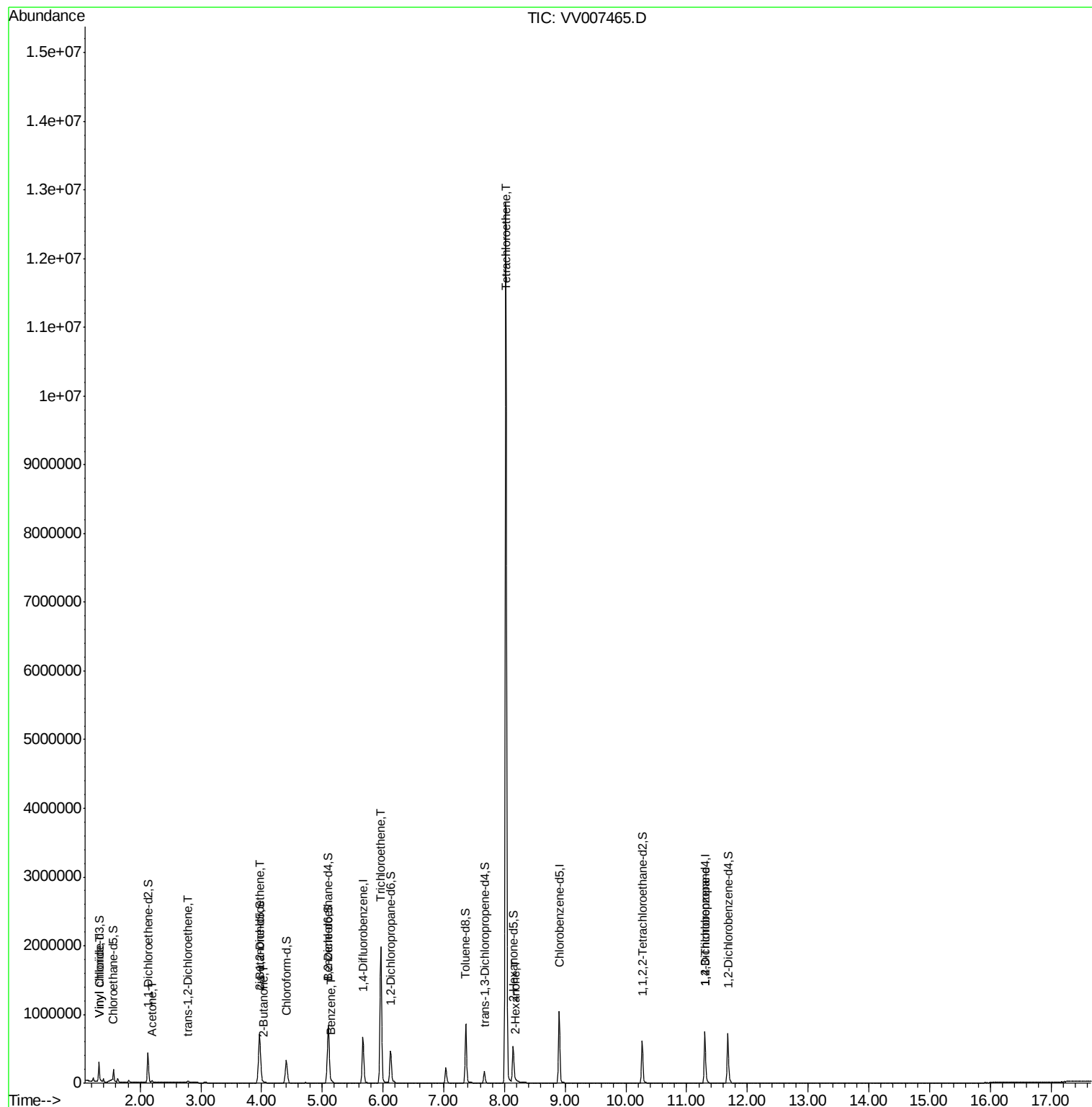
					Ovalue
5) Vinyl chloride	1.33	62	16880	3.419 ug/L	89
13) Acetone	2.20	43	20766	10.377 ug/L	92
17) trans-1,2-Dichloroethene	2.79	96	5571	1.396 ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	326232	71.039 ug/L	99
22) 2-Butanone	4.04	43	5753	1.716 ug/L	95
33) Benzene	5.15	78	26771	1.417 ug/L	100
34) Trichloroethene	5.96	95	702255	152.213 ug/L	98
46) Tetrachloroethene	8.03	164	3001769	809.141 ug/L	98
48) 2-Hexanone	8.19	43	5913	1.264 ug/L #	68
59) 1,2,3-Trichloropropane	11.30	75	25692	4.159 ug/L	94

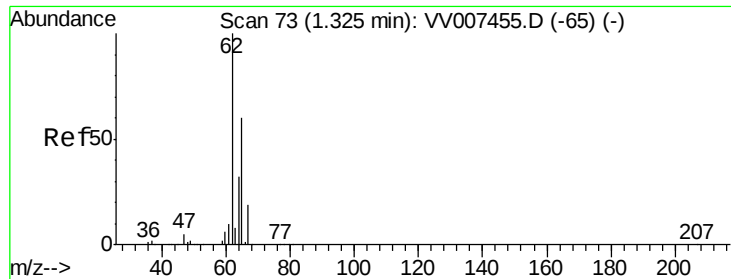
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 08 05:06:23 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.419 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV007465.D

Acq: 07 Sep 2018 16:52

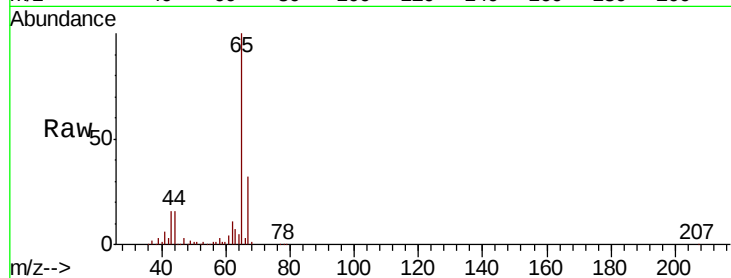
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 16880

Ion Ratio Lower Upper

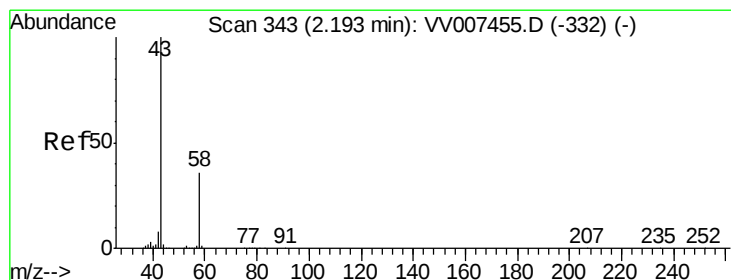
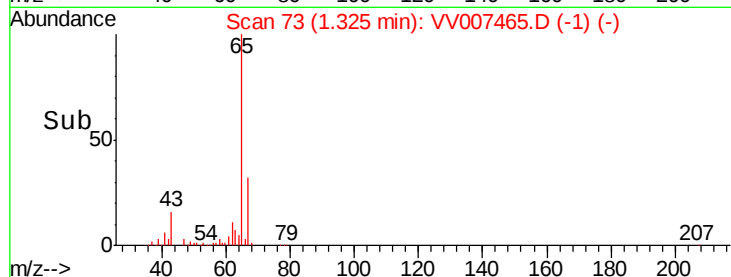
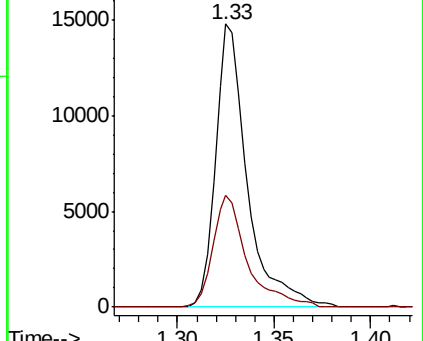
62 100

64 39.7 23.2 43.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#13

Acetone

Concen: 10.377 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV007465.D

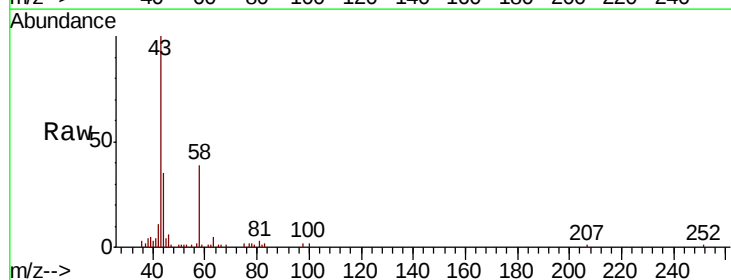
Acq: 07 Sep 2018 16:52

Tgt Ion: 43 Resp: 20766

Ion Ratio Lower Upper

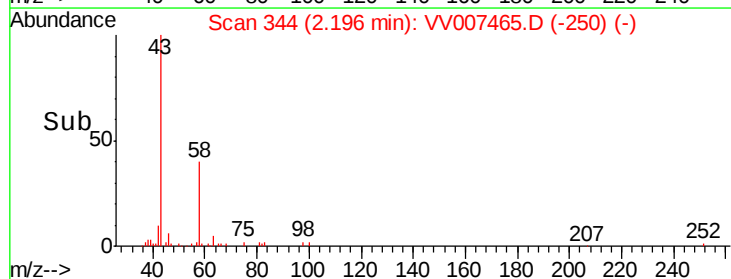
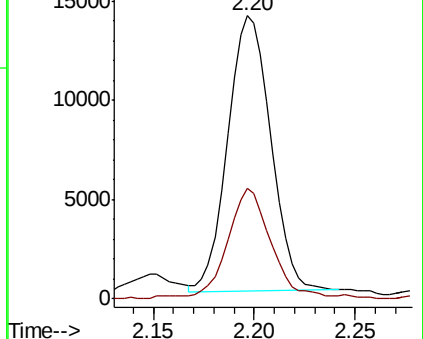
43 100

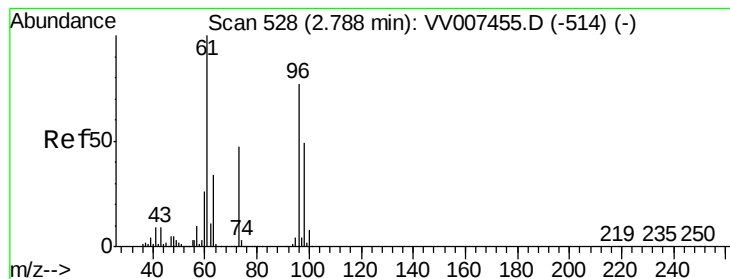
58 40.2 0.0 71.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 1.396 ug/L

RT: 2.79 min Scan# 528

Delta R.T. -0.00 min

Lab File: VV007465.D

Acq: 07 Sep 2018 16:52

Instrument :

MSVOA_V

ClientSampleId :

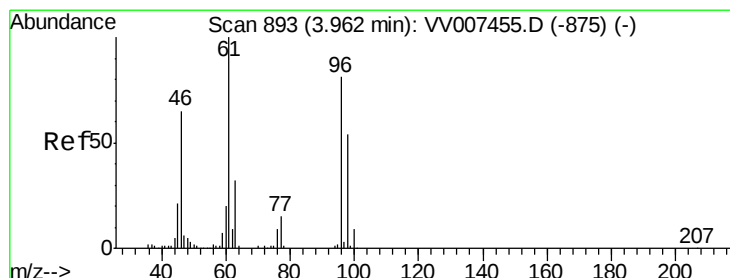
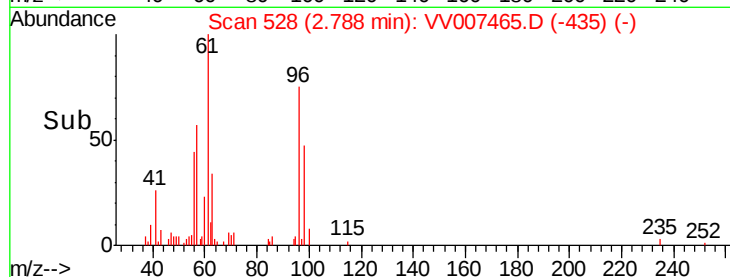
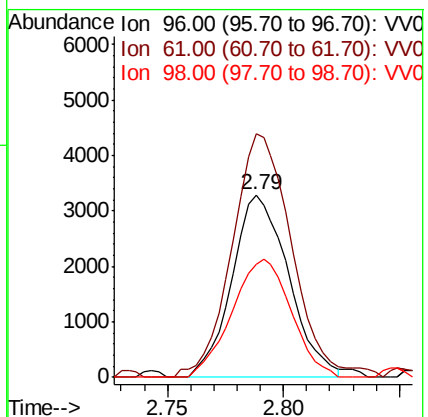
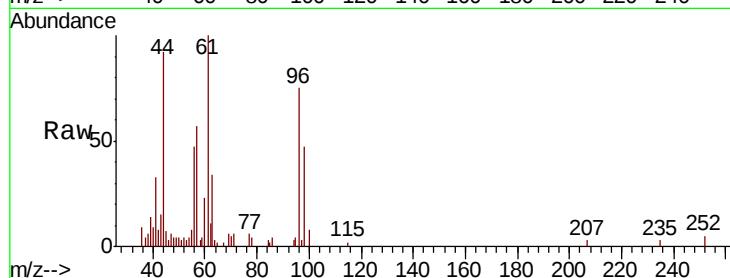
Tot Ion: 96 Resp: 5571

Ion Ratio Lower Upper

96 100

61 133.6 93.1 172.9

98 62.3 44.9 83.5



#20

cis-1,2-Dichloroethene

Concen: 71.039 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.01 min

Lab File: VV007465.D

Acq: 07 Sep 2018 16:52

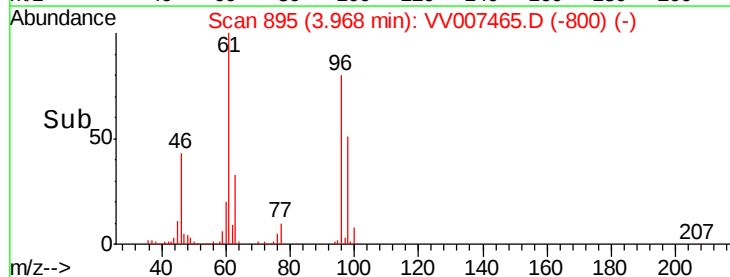
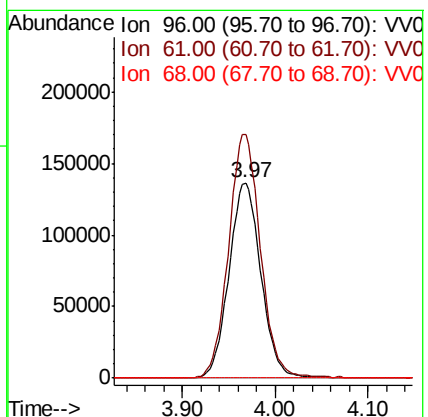
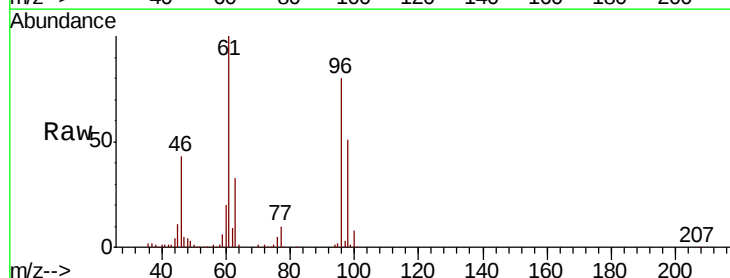
Tgt Ion: 96 Resp: 326232

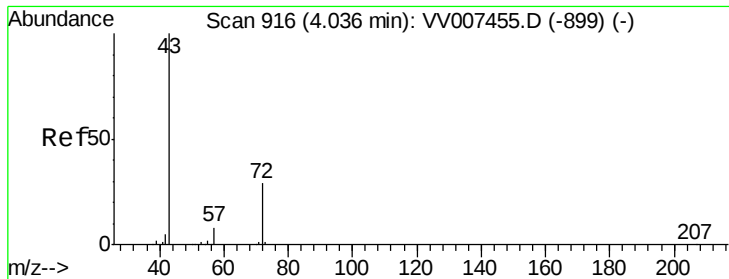
Ion Ratio Lower Upper

96 100

61 124.8 86.8 161.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 1.716 ug/L

RT: 4.04 min Scan# 918

Delta R.T. 0.01 min

Lab File: VV007465.D

Acq: 07 Sep 2018 16:52

Instrument :

MSVOA_V

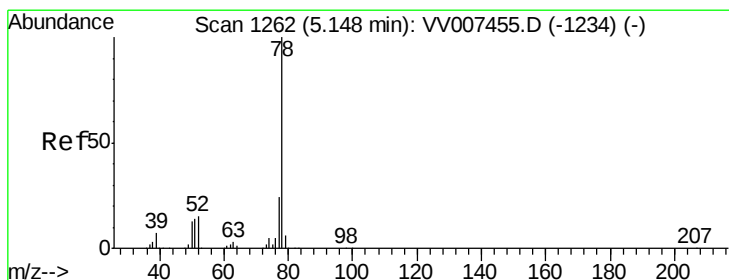
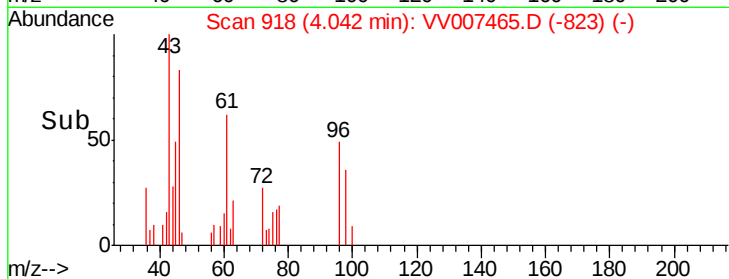
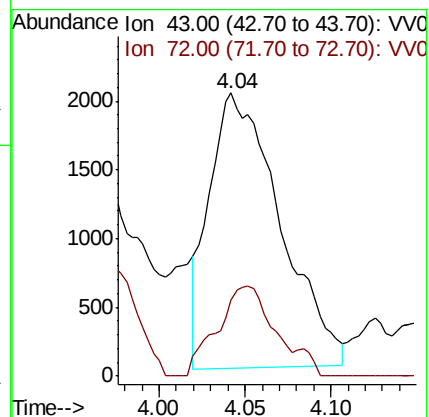
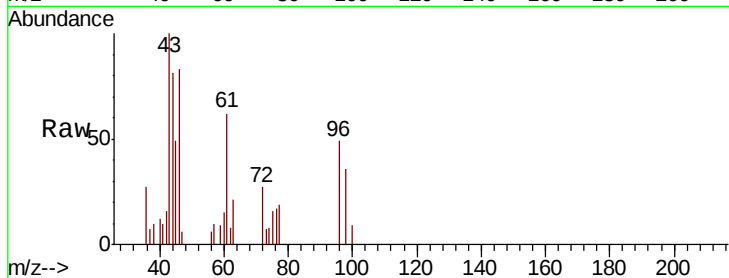
ClientSampled :

Tot Ion: 43 Resp: 5753

Ion Ratio Lower Upper

43 100

72 25.1 13.8 41.3



#33

Benzene

Concen: 1.417 ug/L

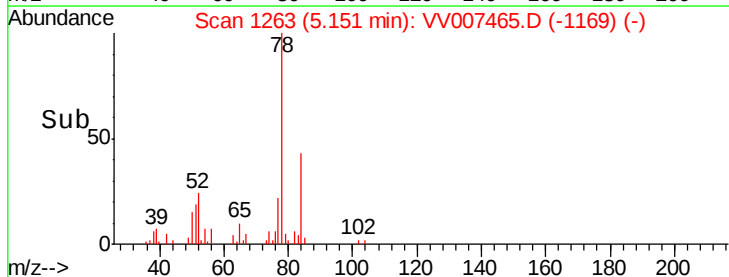
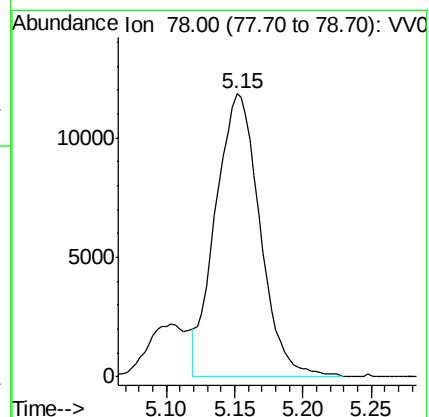
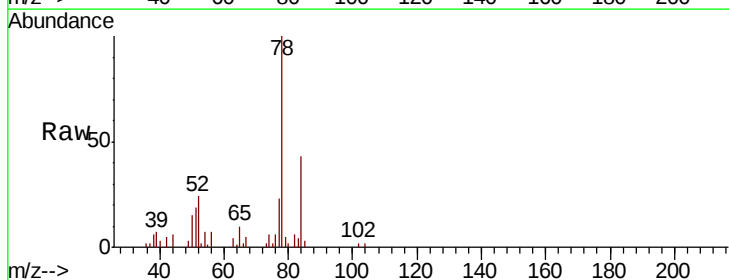
RT: 5.15 min Scan# 1263

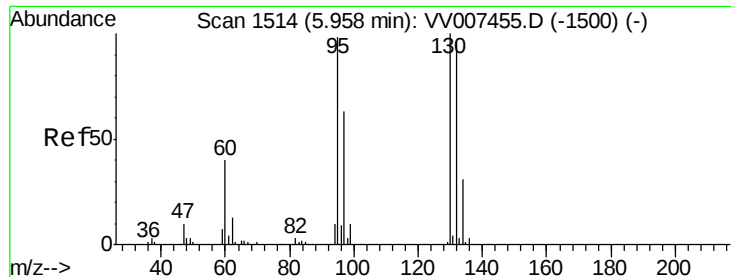
Delta R.T. 0.00 min

Lab File: VV007465.D

Acq: 07 Sep 2018 16:52

Tgt Ion: 78 Resp: 26771

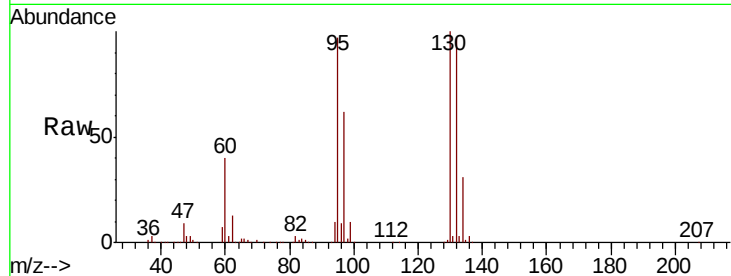




#34
 Trichloroethene
 Concen: 152.213 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: VV007465.D
 Acq: 07 Sep 2018 16:52

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:	95	Resp:	702255
Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.1	85.7
132	100.0	70.8	131.6
130	103.4	73.9	137.3



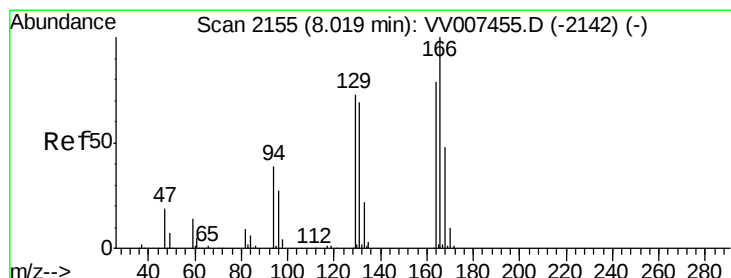
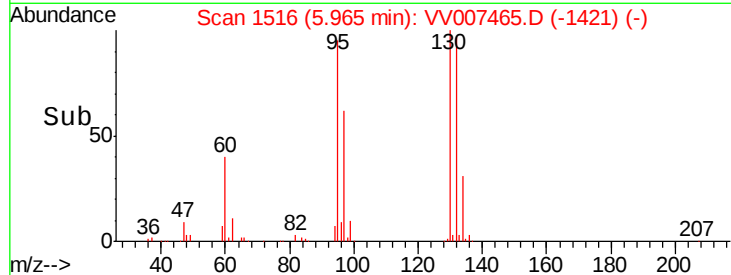
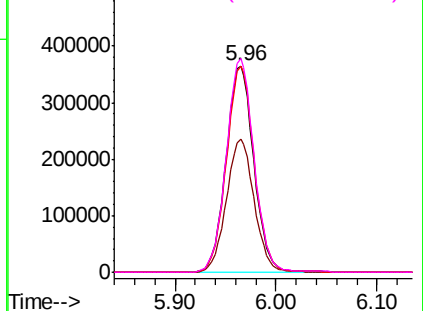
Abundance

Ion 95.00 (94.70 to 95.70): VV007455.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV007455.D (-1500) (-)

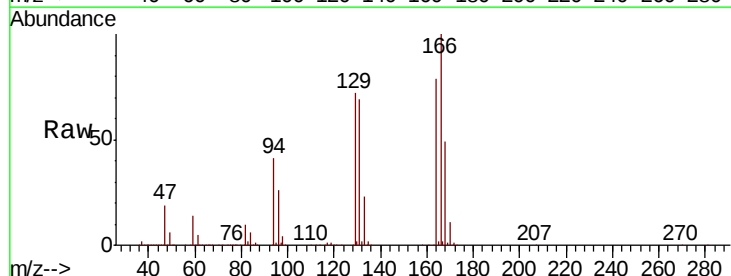
Ion 132.00 (131.70 to 132.70): VV007455.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV007455.D (-1500) (-)



#46
 Tetrachloroethene
 Concen: 809.141 ug/L
 RT: 8.03 min Scan# 2157
 Delta R.T. 0.01 min
 Lab File: VV007465.D
 Acq: 07 Sep 2018 16:52

Tgt Ion:	164	Resp:	3001769
Ion	Ratio	Lower	Upper
164	100		
129	91.0	63.9	118.7
131	88.0	62.6	116.2
166	126.8	91.6	170.2



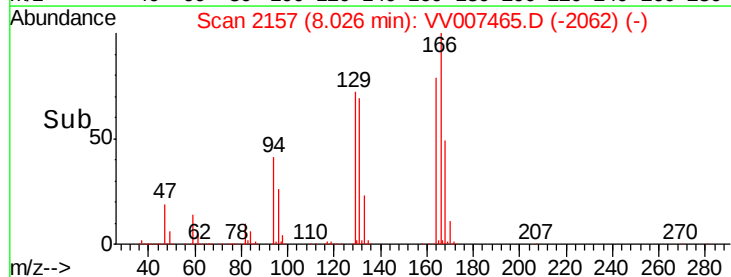
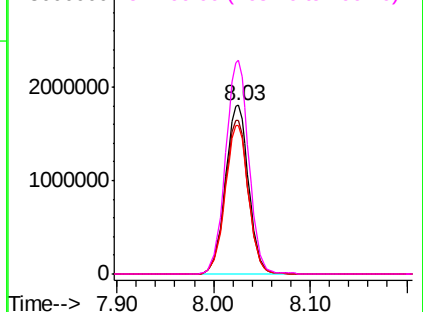
Abundance

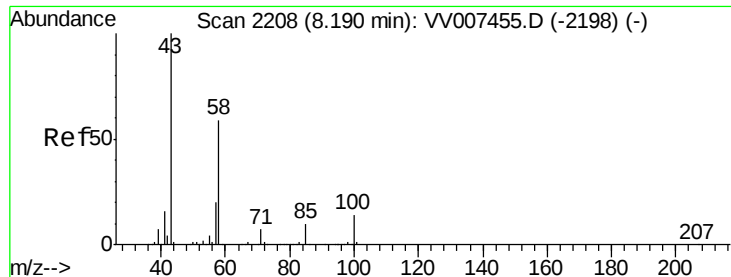
Ion 164.00 (163.70 to 164.70): VV007455.D (-2142) (-)

Ion 129.00 (128.70 to 129.70): VV007455.D (-2142) (-)

Ion 131.00 (130.70 to 131.70): VV007455.D (-2142) (-)

Ion 166.00 (165.70 to 166.70): VV007455.D (-2142) (-)

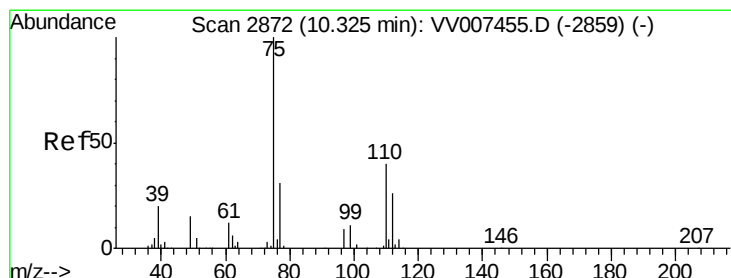
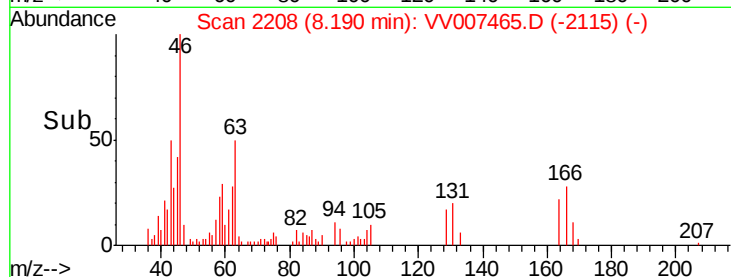
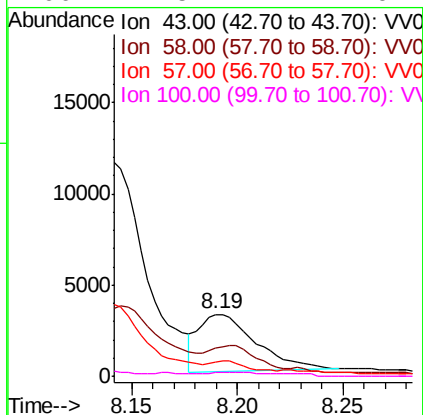
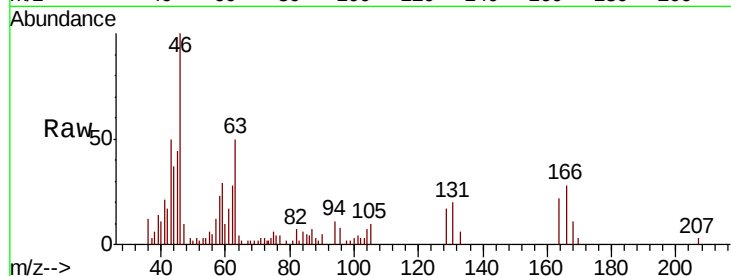




#48
 2-Hexanone
 Concen: 1.264 ug/L
 RT: 8.19 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: VV007465.D
 Acq: 07 Sep 2018 16:52

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 5913
 Ion Ratio Lower Upper
 43 100
 58 31.3 48.6 72.8#
 57 10.8 16.2 24.2#
 100 4.5 11.1 16.7#



#59
 1,2,3-Trichloropropane
 Concen: 4.159 ug/L
 RT: 11.30 min Scan# 3176
 Delta R.T. 0.98 min
 Lab File: VV007465.D
 Acq: 07 Sep 2018 16:52

Tgt Ion: 75 Resp: 25692
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.5 38.3

