

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007424.D
 Acq On : 06 Sep 2018 17:02
 Operator : SY/MD
 Sample : J4719-04
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGE0

Quant Time: Sep 07 01:56:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 01:29:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	560355	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	557779	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	225903	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	168197	42.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.04%
7) Chloroethane-d5	1.56	69	126109	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.13	63	218696	31.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.04%
21) 2-Butanone-d5	3.96	46	300685	92.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.36%
24) Chloroform-d	4.41	84	327538	39.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.12%
26) 1,2-Dichloroethane-d4	5.09	65	206899	41.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.84%
32) Benzene-d6	5.10	84	657938	39.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.28%
36) 1,2-Dichloropropane-d6	6.13	67	220151	39.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.16%
41) Toluene-d8	7.36	98	551140	38.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.16%#
43) trans-1,3-Dichloropropene-	7.67	79	92578	38.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.16%
47) 2-Hexanone-d5	8.14	63	228713	103.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	325218	42.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.52%
64) 1,2-Dichlorobenzene-d4	11.68	152	215627	44.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.82%

Target Compounds

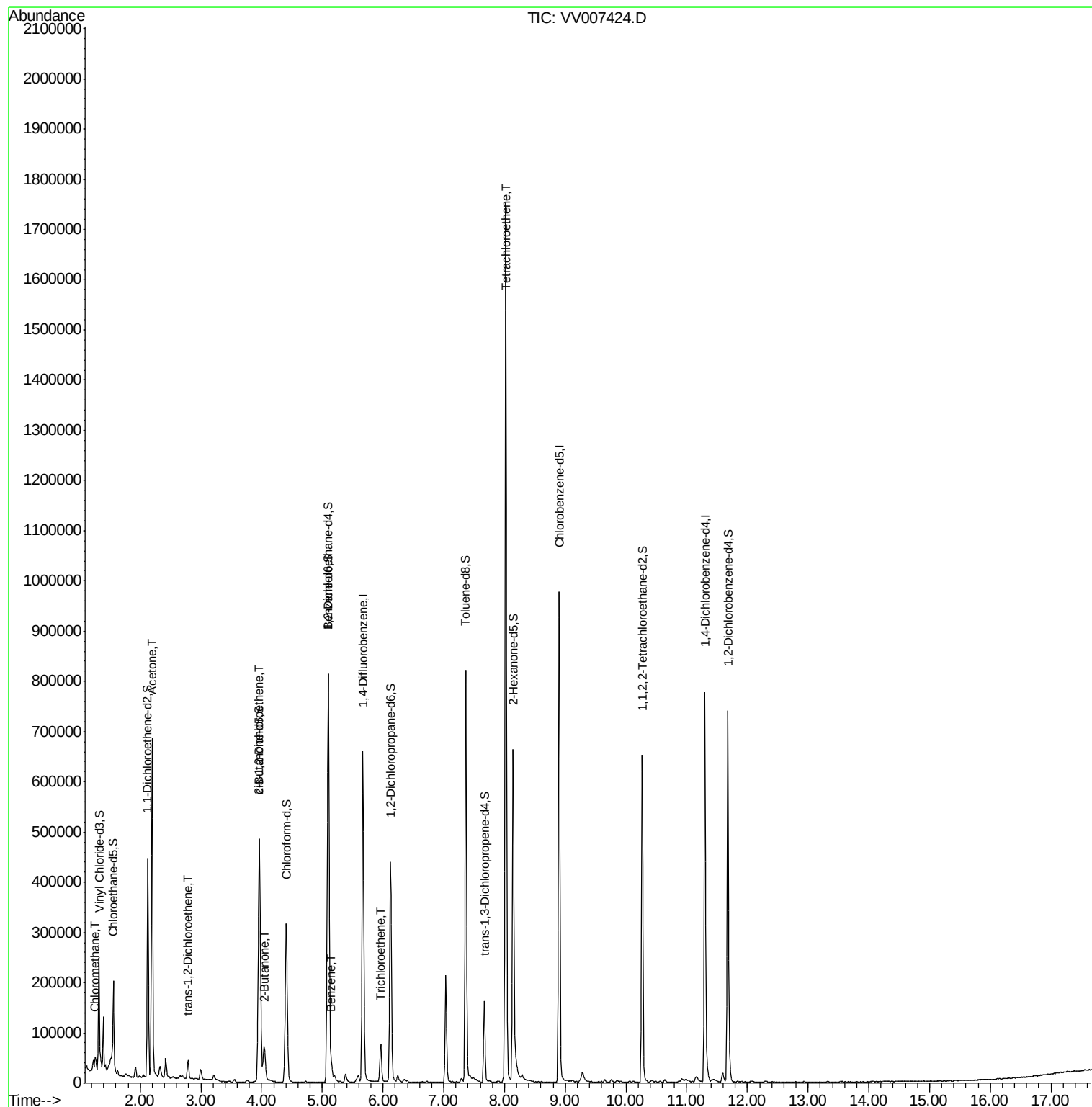
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.26	50	28676	6.08	ug/L	100
13) Acetone	2.20	43	634631	327.35	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	12402	3.21	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	171619	38.58	ug/L	99
22) 2-Butanone	4.04	43	97745	30.10	ug/L	99
33) Benzene	5.15	78	31441	1.76	ug/L	100
34) Trichloroethene	5.96	95	24489	5.62	ug/L	97
46) Tetrachloroethene	8.02	164	413810	118.16	ug/L	97

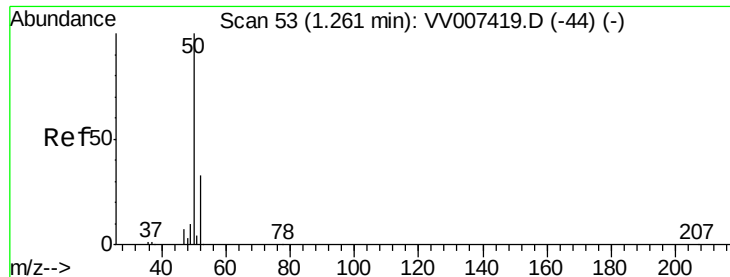
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 6.08 ug/L

RT: 1.26 min Scan# 54

Delta R.T. 0.00 min

Lab File: VV007424.D

Acq: 06 Sep 2018 17:02

Instrument :

MSVOA_V

ClientSampleId :

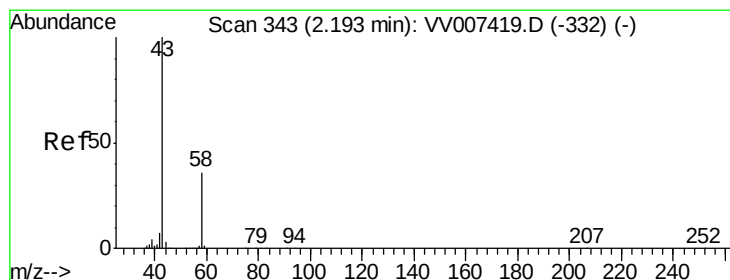
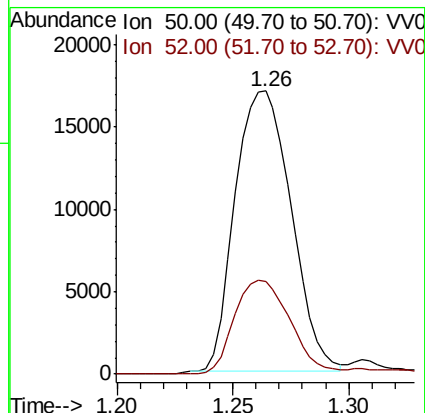
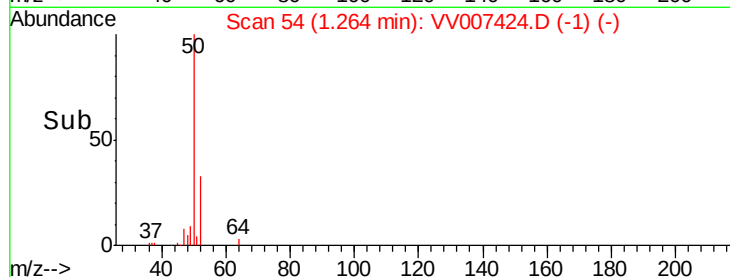
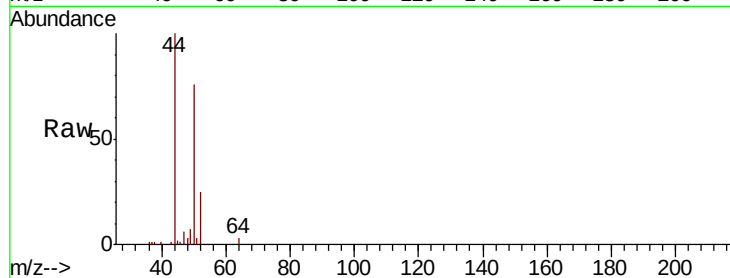
BEGE0

Tot Ion: 50 Resp: 28676

Ion Ratio Lower Upper

50 100

52 33.0 23.2 43.2



#13

Acetone

Concen: 327.35 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV007424.D

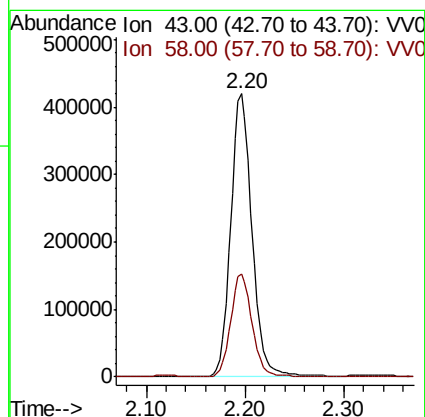
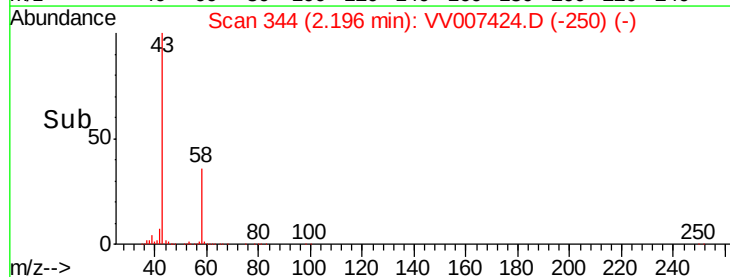
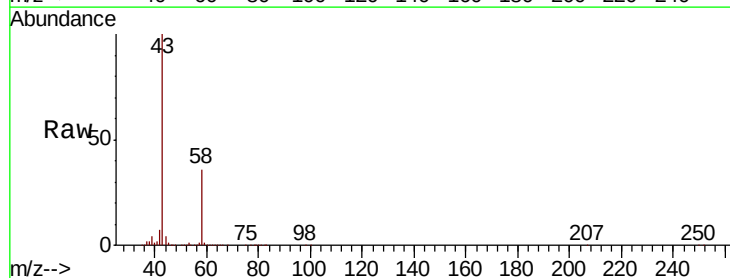
Acq: 06 Sep 2018 17:02

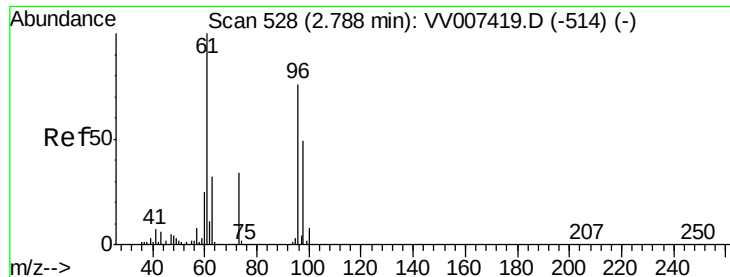
Tgt Ion: 43 Resp: 634631

Ion Ratio Lower Upper

43 100

58 36.4 0.0 71.2





#17

trans-1,2-Dichloroethene

Concen: 3.21 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV007424.D

Acq: 06 Sep 2018 17:02

Instrument :

MSVOA_V

ClientSampleId :

BEGE0

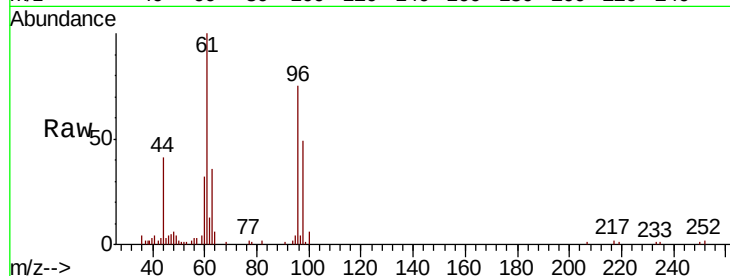
Tot Ion: 96 Resp: 12402

Ion Ratio Lower Upper

96 100

61 133.1 93.1 172.9

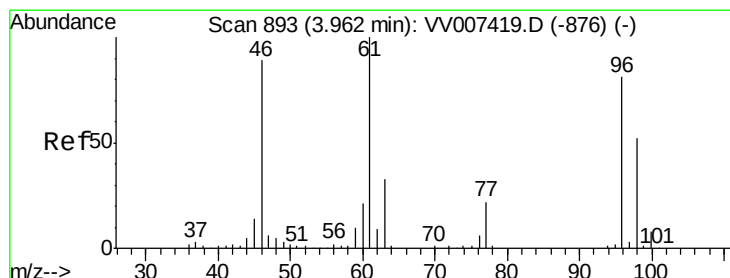
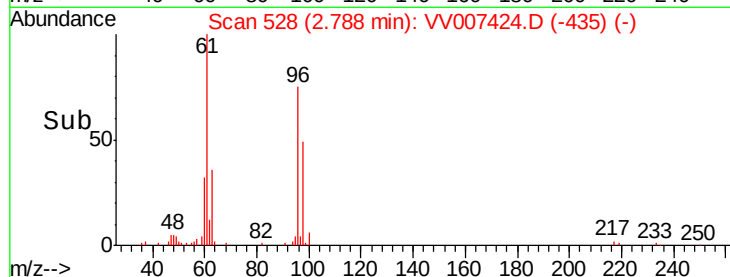
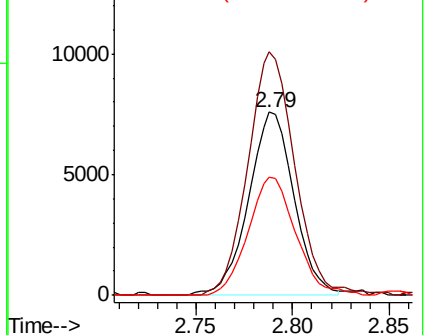
98 64.9 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 38.58 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV007424.D

Acq: 06 Sep 2018 17:02

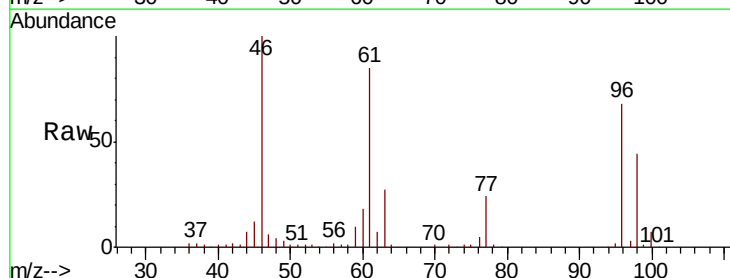
Tgt Ion: 96 Resp: 171619

Ion Ratio Lower Upper

96 100

61 125.5 86.8 161.2

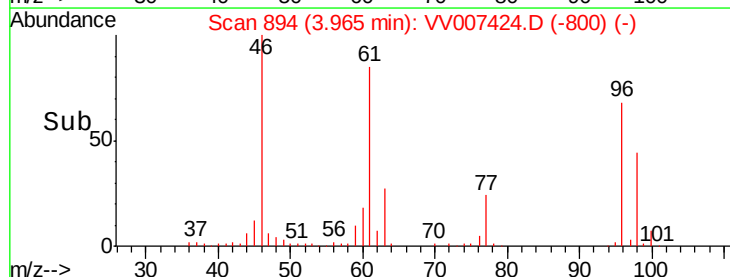
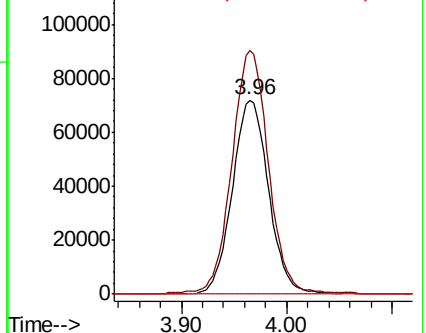
68 0.0 0.0 0.0

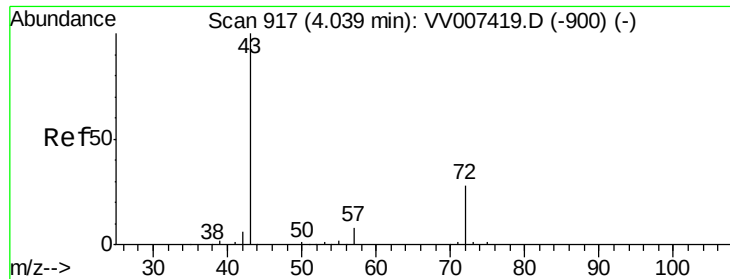


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 30.10 ug/L

RT: 4.04 min Scan# 918

Delta R.T. 0.00 min

Lab File: VV007424.D

Acq: 06 Sep 2018 17:02

Instrument :

MSVOA_V

ClientSampleId :

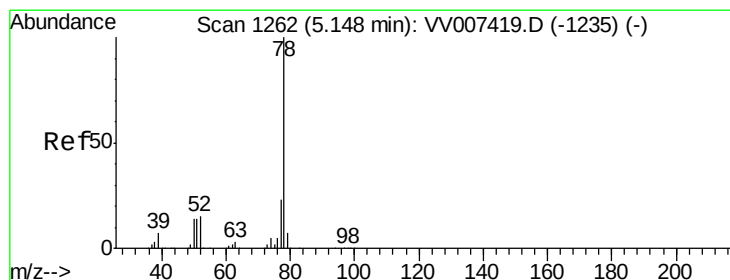
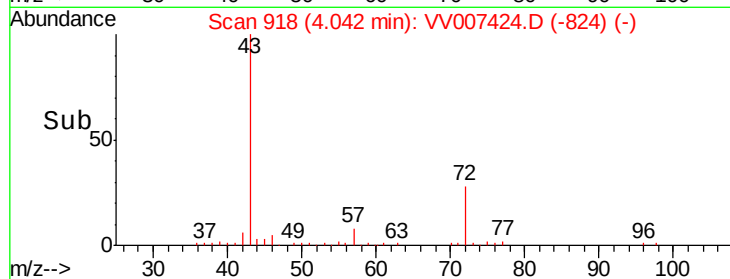
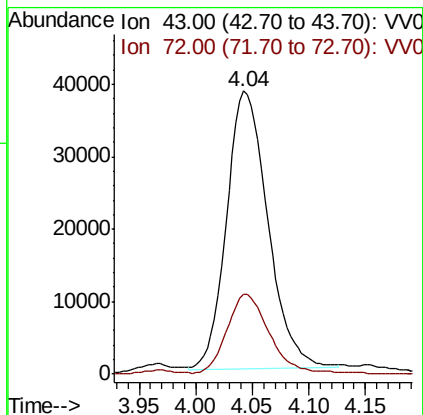
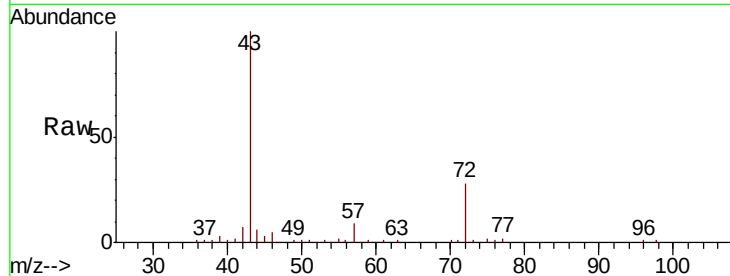
BEGE0

Tot Ion: 43 Resp: 97745

Ion Ratio Lower Upper

43 100

72 28.2 13.8 41.3



#33

Benzene

Concen: 1.76 ug/L

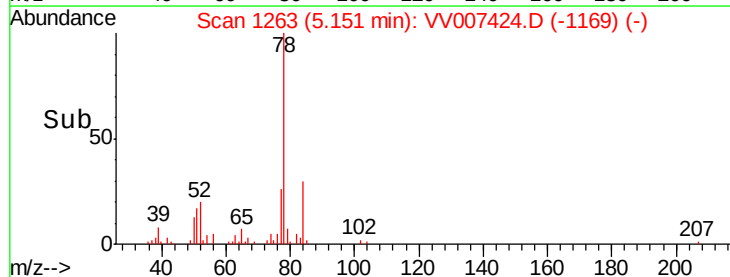
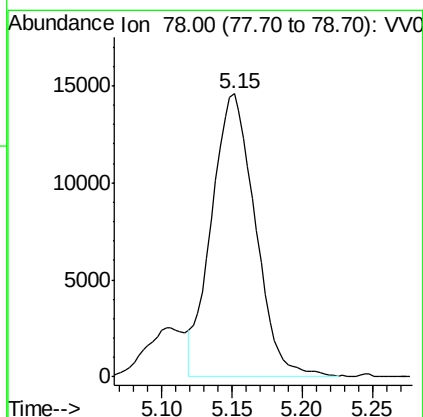
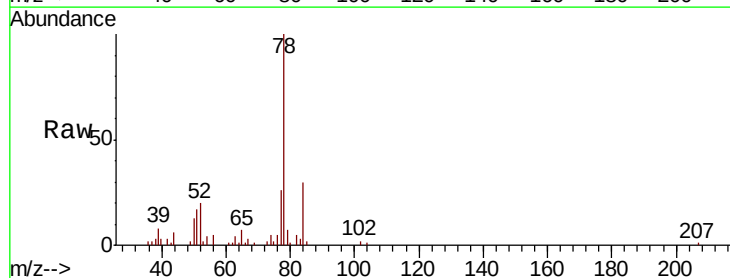
RT: 5.15 min Scan# 1263

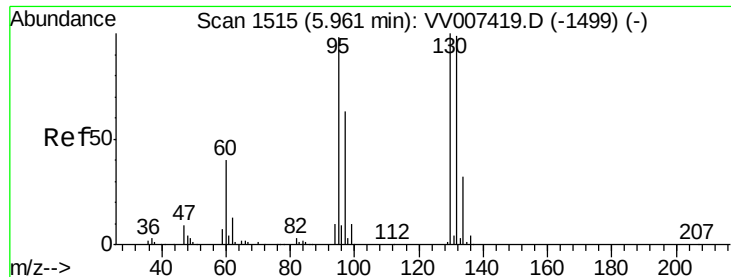
Delta R.T. 0.00 min

Lab File: VV007424.D

Acq: 06 Sep 2018 17:02

Tgt Ion: 78 Resp: 31441





#34

Trichloroethene

Concen: 5.62 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007424.D

Acq: 06 Sep 2018 17:02

Instrument :

MSVOA_V

ClientSampled :

BEGE0

Tot Ion: 95 Resp: 24489

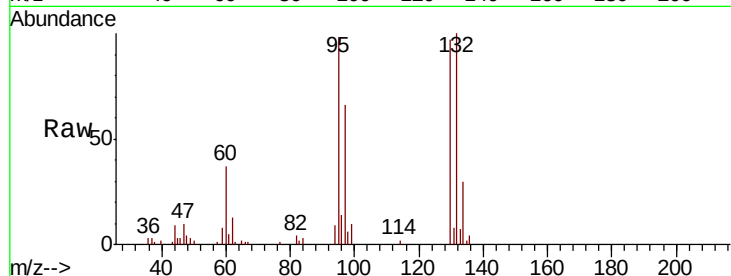
Ion Ratio Lower Upper

95 100

97 67.6 46.1 85.7

132 101.7 70.8 131.6

130 98.9 73.9 137.3



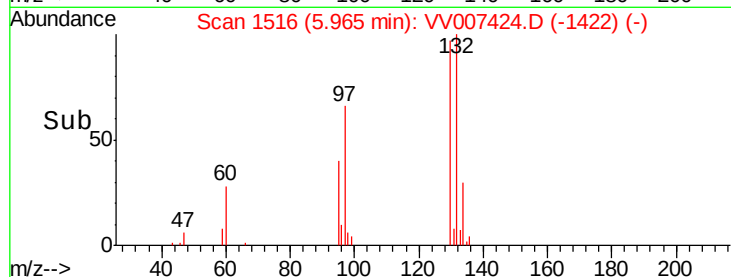
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

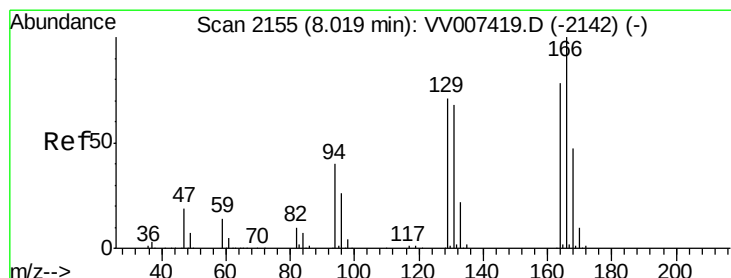
Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

Time-->



Time-->



#46

Tetrachloroethene

Concen: 118.16 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007424.D

Acq: 06 Sep 2018 17:02

Tgt Ion: 164 Resp: 413810

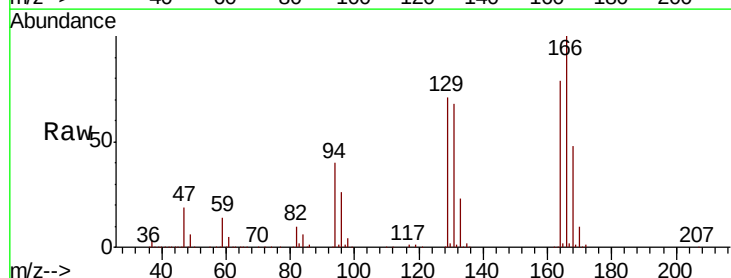
Ion Ratio Lower Upper

164 100

129 89.8 63.9 118.7

131 86.8 62.6 116.2

166 127.2 91.6 170.2



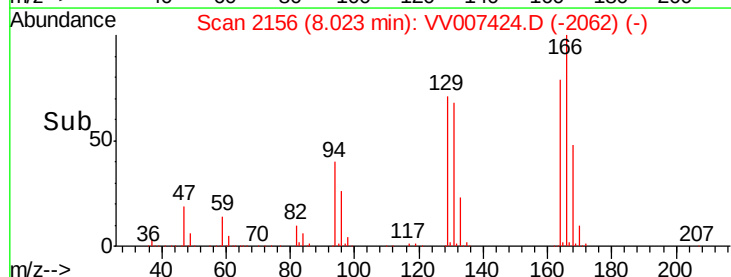
Abundance Ion 164.00 (163.70 to 164.70): VV0

Ion 129.00 (128.70 to 129.70): VV0

Ion 131.00 (130.70 to 131.70): VV0

Ion 166.00 (165.70 to 166.70): VV0

Time-->



Time-->