

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007437.D
 Acq On : 06 Sep 2018 22:27
 Operator : SY/MD
 Sample : J4719-09
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 07 01:35:19 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	525116	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	527370	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	204667	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	158855	42.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.70%
7) Chloroethane-d5	1.56	69	123104	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.13	63	208085	31.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.98%
21) 2-Butanone-d5	3.96	46	254670	83.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.47%
24) Chloroform-d	4.41	84	318793	41.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.18%
26) 1,2-Dichloroethane-d4	5.09	65	204616	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
32) Benzene-d6	5.10	84	635720	40.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.12	67	216257	40.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.20%
41) Toluene-d8	7.36	98	517907	37.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.70%#
43) trans-1,3-Dichloropropene-	7.67	79	84518	37.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.50%
47) 2-Hexanone-d5	8.14	63	206557	98.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	307923	42.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.64%
64) 1,2-Dichlorobenzene-d4	11.68	152	201803	45.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.76%

Target Compounds

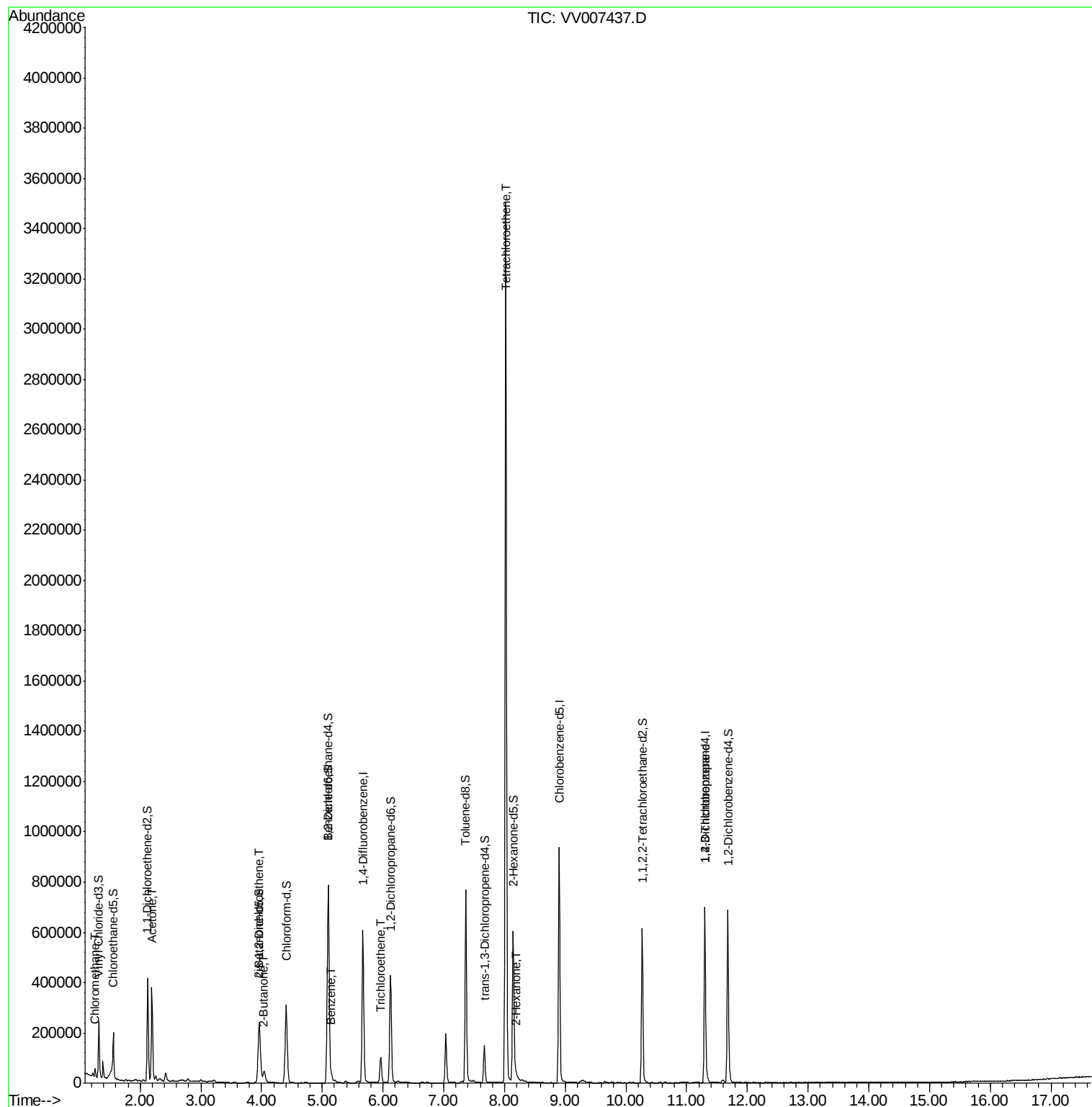
					Ovalue
3) Chloromethane	1.26	50	26862	6.076	ug/L 100
13) Acetone	2.20	43	350487	192.915	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	45670	10.955	ug/L 94
22) 2-Butanone	4.04	43	61113	20.085	ug/L 94
33) Benzene	5.15	78	26999	1.601	ug/L 100
34) Trichloroethene	5.96	95	35588	8.642	ug/L 94
46) Tetrachloroethene	8.02	164	818338	247.136	ug/L 98
48) 2-Hexanone	8.20	43	6892	1.650	ug/L # 72
59) 1,2,3-Trichloropropane	11.30	75	21951	3.981	ug/L # 87

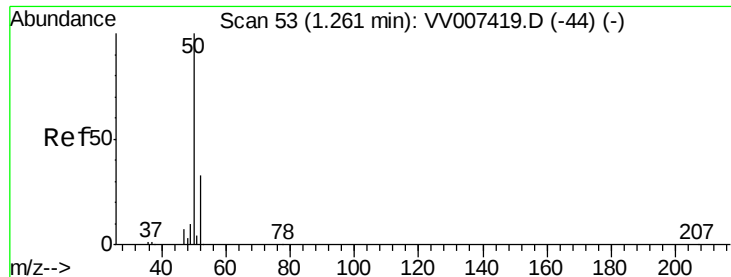
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 07 01:29:25 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 6.076 ug/L

RT: 1.26 min Scan# 52

Delta R.T. -0.00 min

Lab File: VV007437.D

Acq: 06 Sep 2018 22:27

Instrument :

MSVOA_V

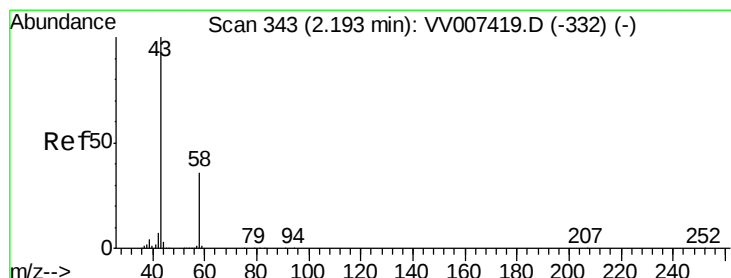
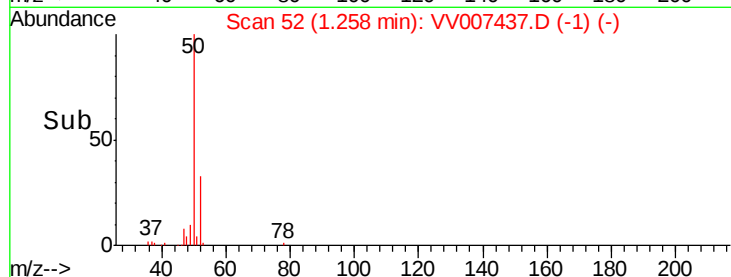
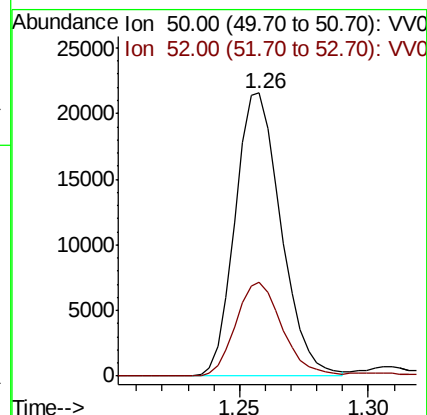
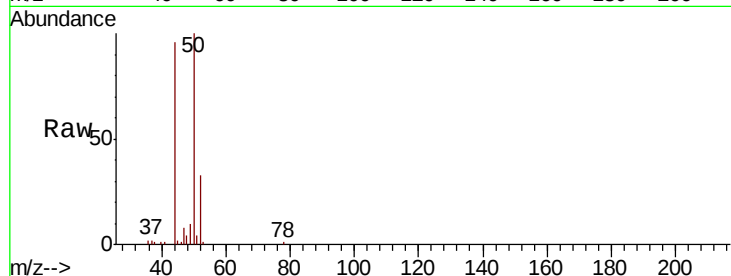
ClientSampleId :

Tot Ion: 50 Resp: 26862

Ion Ratio Lower Upper

50 100

52 33.3 23.2 43.2



#13

Acetone

Concen: 192.915 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV007437.D

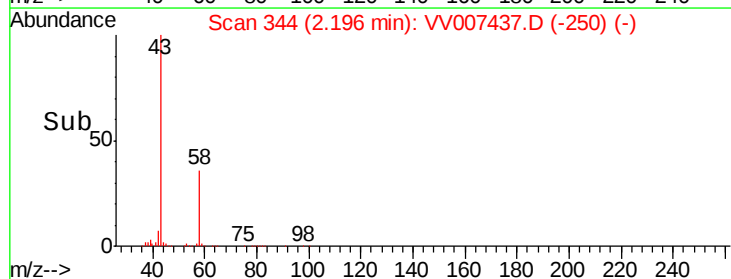
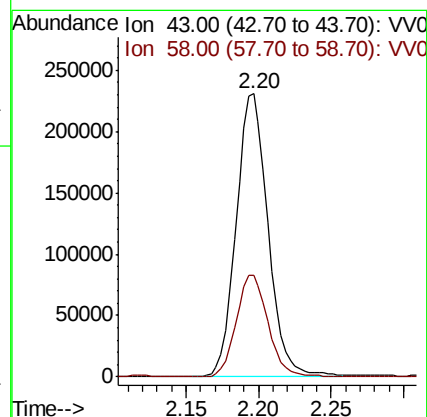
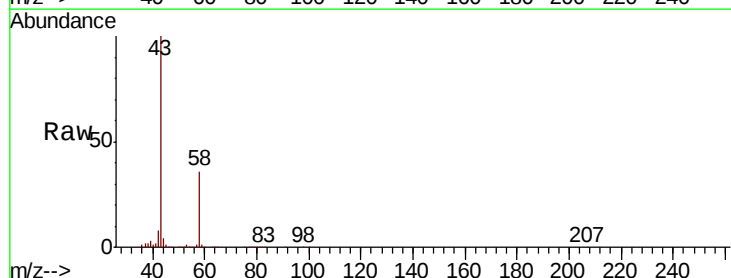
Acq: 06 Sep 2018 22:27

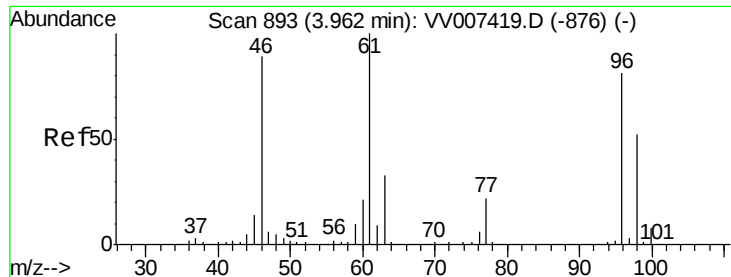
Tgt Ion: 43 Resp: 350487

Ion Ratio Lower Upper

43 100

58 36.0 0.0 71.2

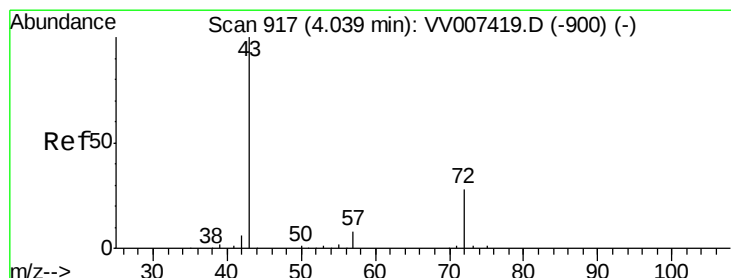
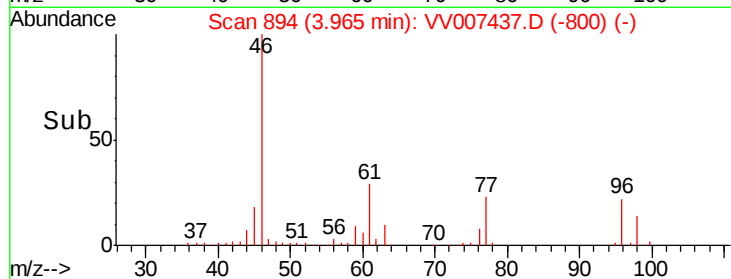
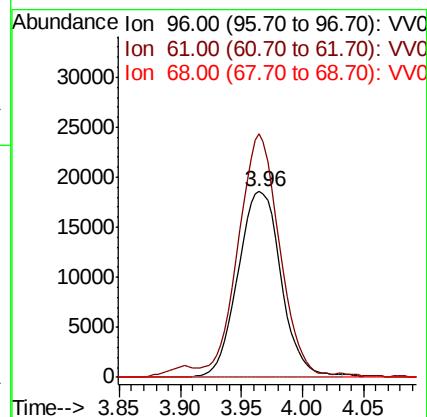
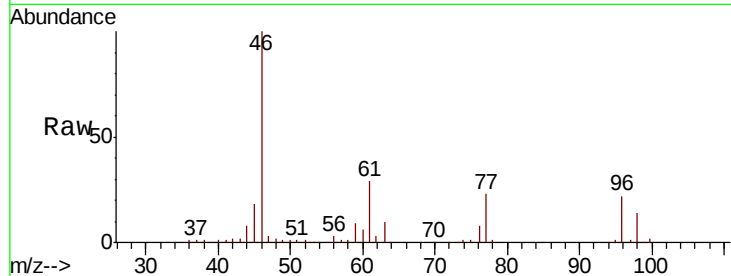




#20
 cis-1,2-Dichloroethene
 Concen: 10.955 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV007437.D
 Acq: 06 Sep 2018 22:27

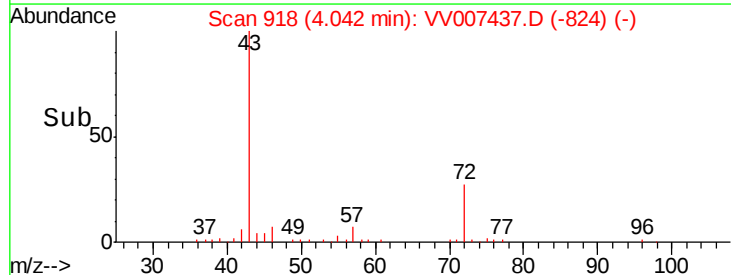
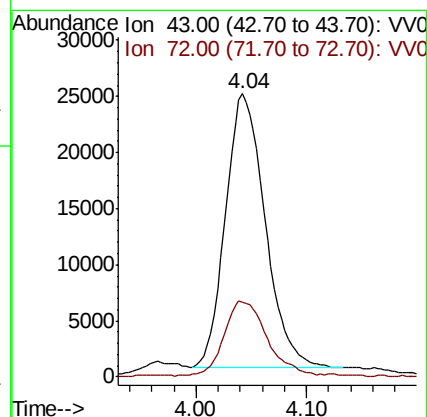
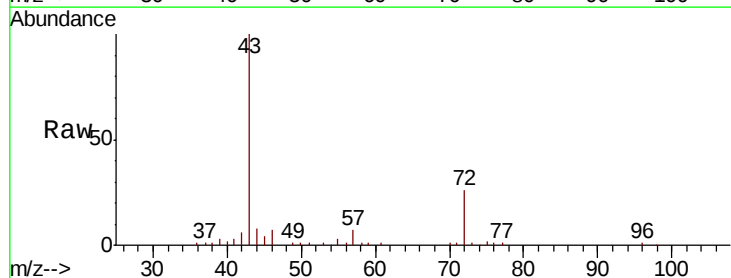
Instrument :
 MSVOA_V
 ClientSampled :

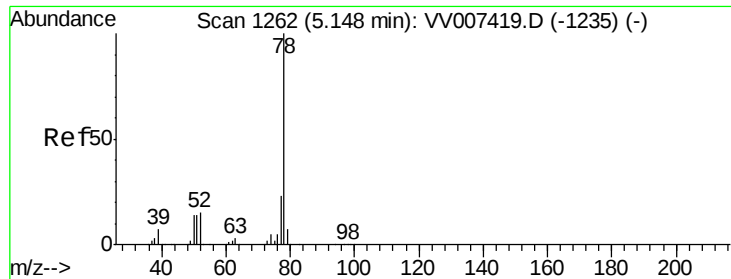
Tot Ion: 96 Resp: 45670
 Ion Ratio Lower Upper
 96 100
 61 131.1 86.8 161.2
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 20.085 ug/L
 RT: 4.04 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: VV007437.D
 Acq: 06 Sep 2018 22:27

Tgt Ion: 43 Resp: 61113
 Ion Ratio Lower Upper
 43 100
 72 30.6 13.8 41.3

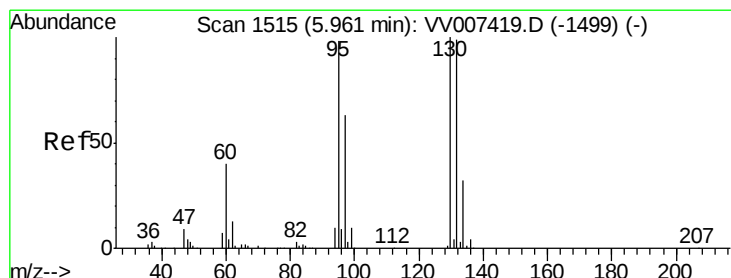
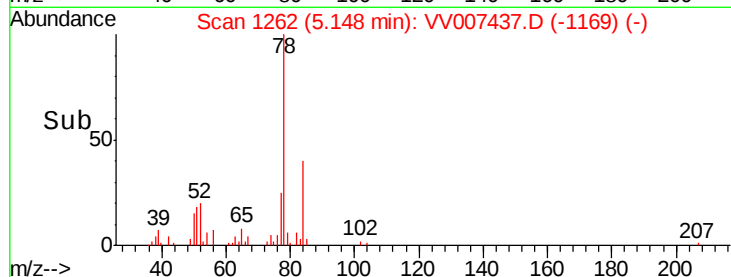
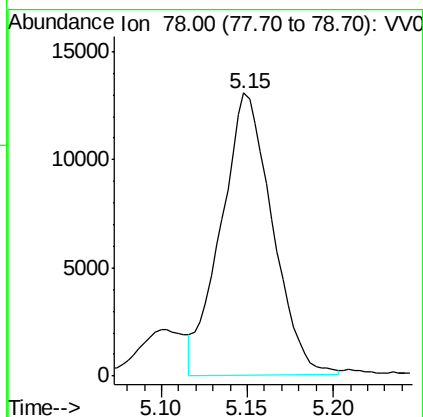
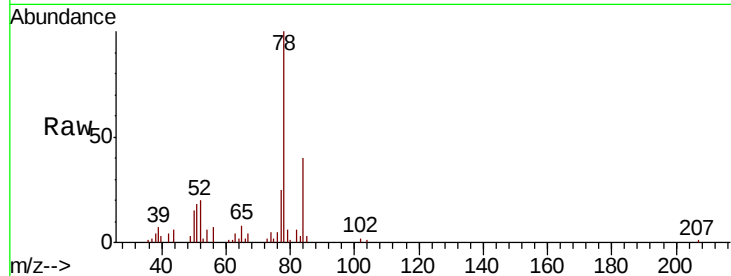




#33
Benzene
Concen: 1.601 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV007437.D
Acq: 06 Sep 2018 22:27

Instrument :
MSVOA_V
ClientSampled :

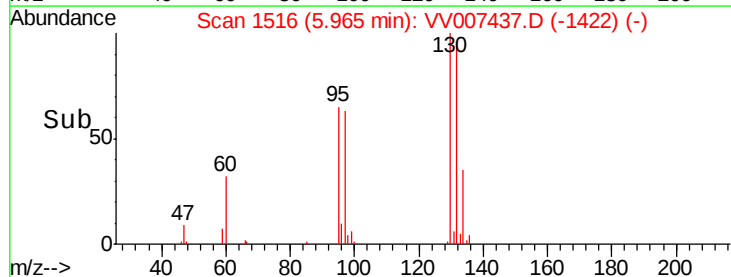
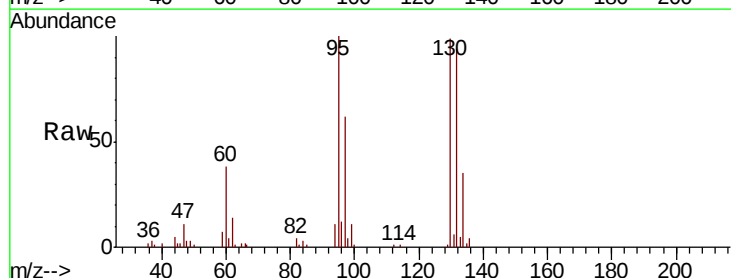
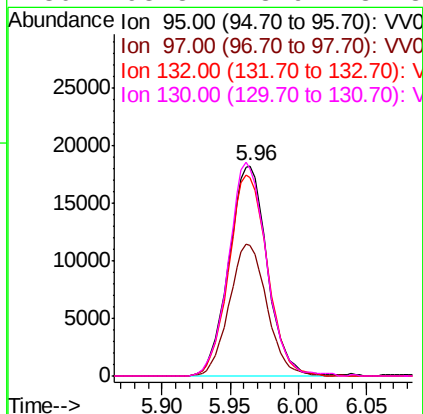
Tgt Ion: 78 Resp: 26999

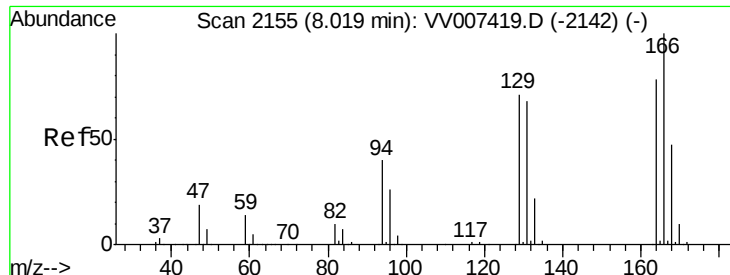


#34
Trichloroethene
Concen: 8.642 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV007437.D
Acq: 06 Sep 2018 22:27

Tgt Ion: 95 Resp: 35588

Ion	Ratio	Lower	Upper
95	100		
97	62.2	46.1	85.7
132	94.4	70.8	131.6
130	98.8	73.9	137.3





#46

Tetrachloroethene

Concen: 247.136 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007437.D

Acq: 06 Sep 2018 22:27

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 818338

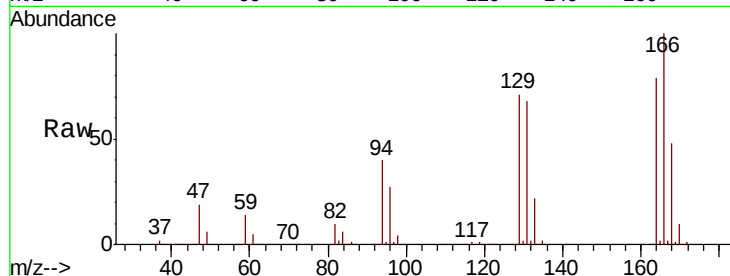
Ion Ratio Lower Upper

164 100

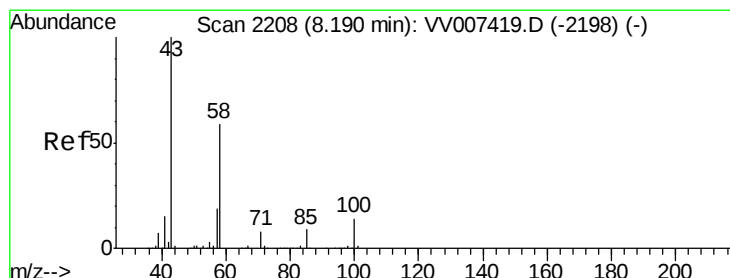
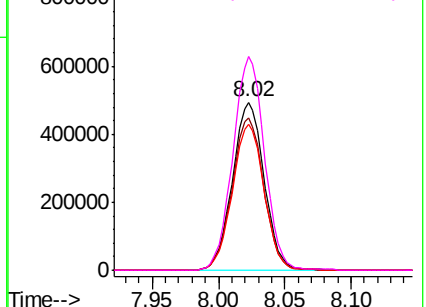
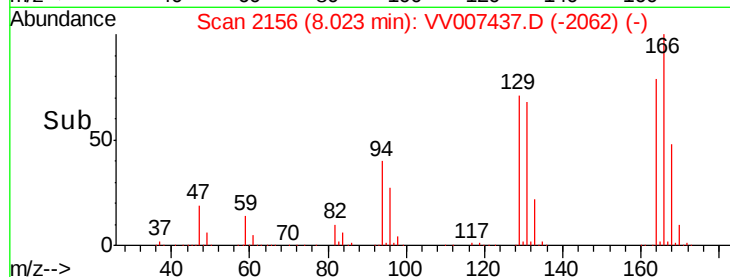
129 90.8 63.9 118.7

131 86.9 62.6 116.2

166 127.1 91.6 170.2



Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 1.650 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VV007437.D

Acq: 06 Sep 2018 22:27

Tgt Ion: 43 Resp: 6892

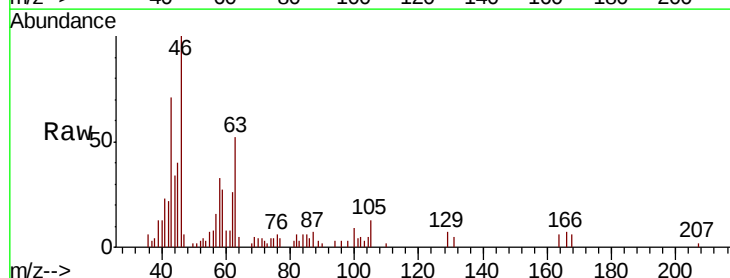
Ion Ratio Lower Upper

43 100

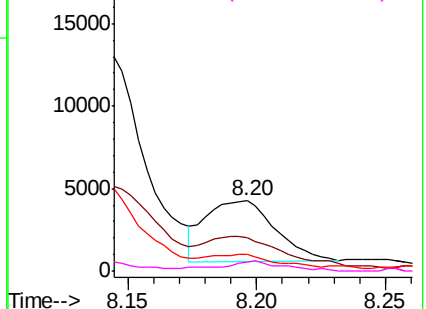
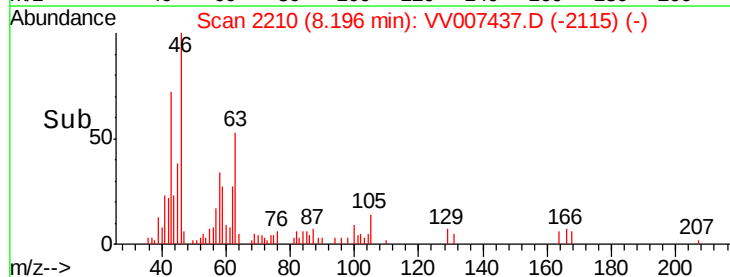
58 41.2 48.6 72.8#

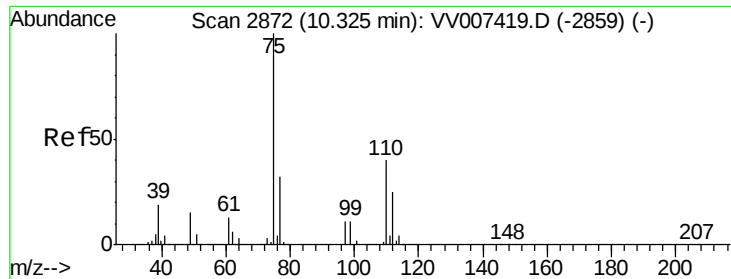
57 0.0 16.2 24.2#

100 7.7 11.1 16.7#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 3.981 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.97 min

Lab File: VV007437.D

Acq: 06 Sep 2018 22:27

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 21951

Ion Ratio Lower Upper

75 100

77 39.0 25.5 38.3#

