

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072418\
 Data File : VW004175.D
 Acq On : 24 Jul 2018 15:01
 Operator : SY/AP
 Sample : J4040-08
 Misc : 4.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AE2

Quant Time: Jul 25 02:02:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 23 15:53:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	282084	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	237204	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	82554	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	51546	18.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.88%
7) Chloroethane-d5	2.89	69	42296	21.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.12%
10) 1,1-Dichloroethene-d2	4.00	63	92239	13.78	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.12%
20) 2-Butanone-d5	7.09	46	89636	54.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.56%
24) Chloroform-d	7.65	84	172009	25.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.76%
26) 1,2-Dichloroethane-d4	8.31	65	102754	25.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.92%
29) Benzene-d6	8.28	84	296994	26.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.96%
33) 1,2-Dichloropropane-d6	9.27	67	112813	30.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.96%#
37) Toluene-d8	10.33	98	230343	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.20%
38) trans-1,3-Dichloropropene-	10.58	79	33908	21.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.12%
39) 2-Hexanone-d5	10.93	63	63695	64.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113004	28.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	68971	25.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.92%

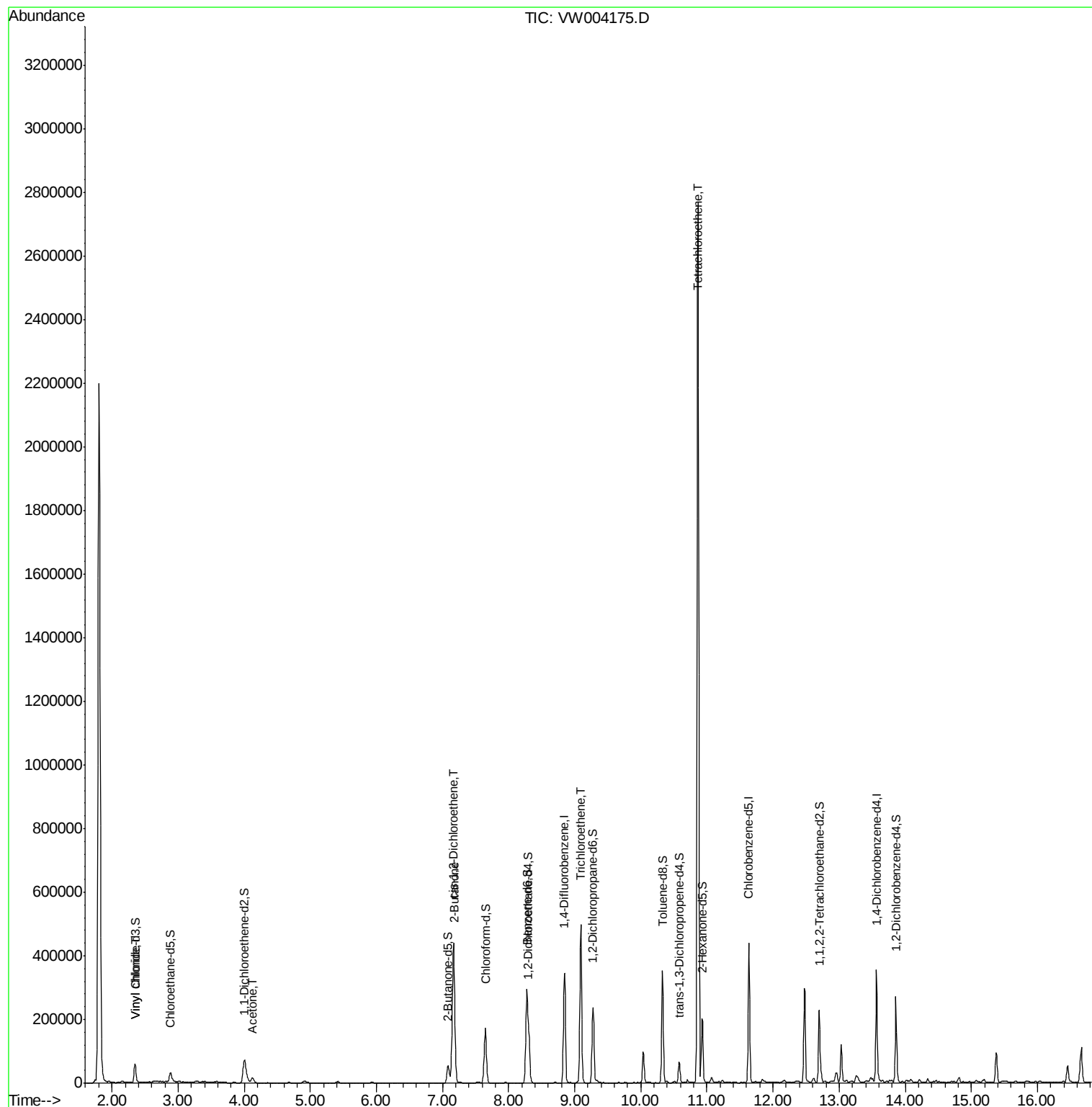
Target Compounds						Ovalue
5) Vinyl chloride	2.36	62	15550	3.58	ug/L	87
13) Acetone	4.12	43	25982	14.61	ug/L	100
21) 2-Butanone	7.18	43	4872	2.21	ug/L #	6
22) cis-1,2-Dichloroethene	7.17	96	252041	61.00	ug/L	99
35) Trichloroethene	9.09	95	172623	44.37	ug/L	99
47) Tetrachloroethene	10.87	164	611147	194.78	ug/L	97

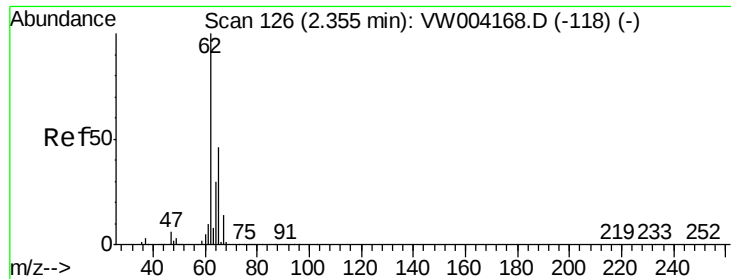
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.58 ug/L

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

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Acq: 24 Jul 2018 15:01

Instrument :

MSVOA_W

ClientSampleId :

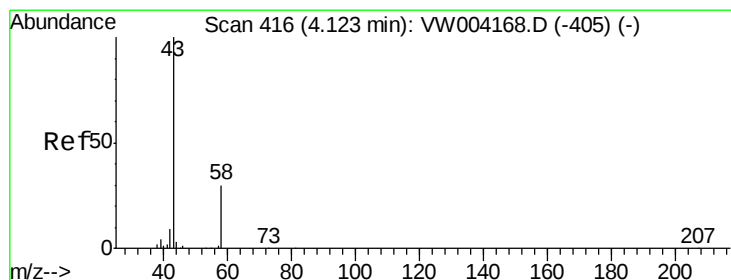
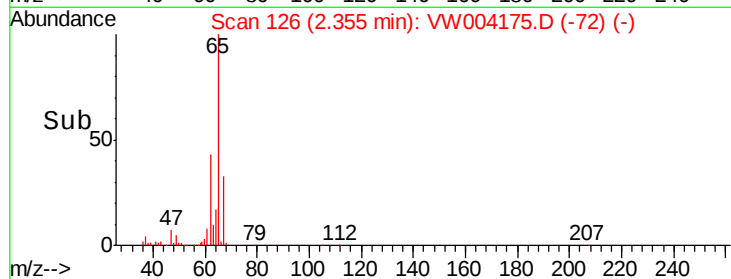
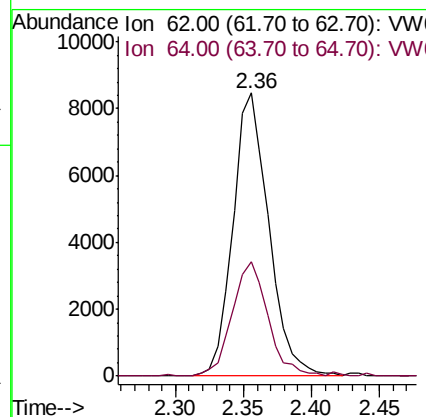
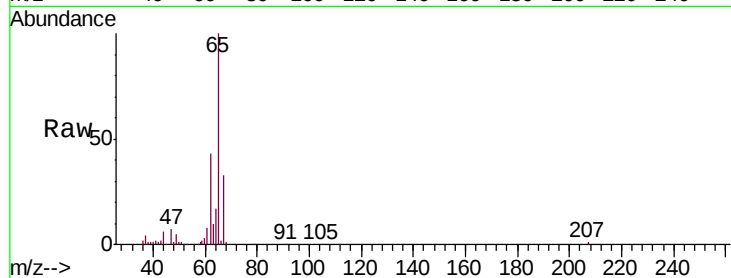
C0AE2

Tot Ion: 62 Resp: 15550

Ion Ratio Lower Upper

62 100

64 40.4 23.1 42.9



#13

Acetone

Concen: 14.61 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW004175.D

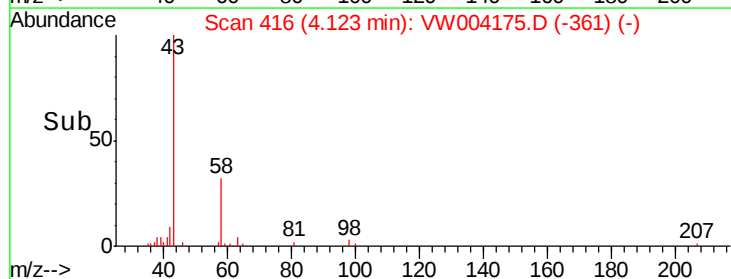
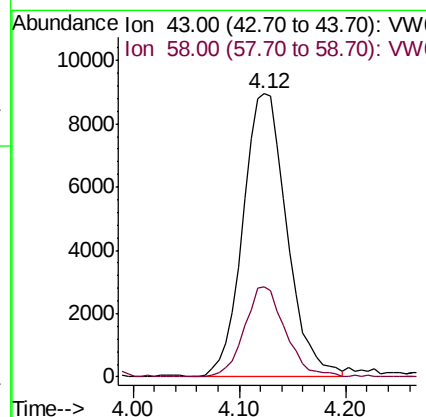
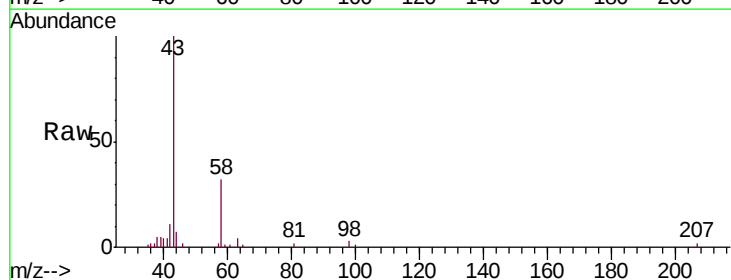
Acq: 24 Jul 2018 15:01

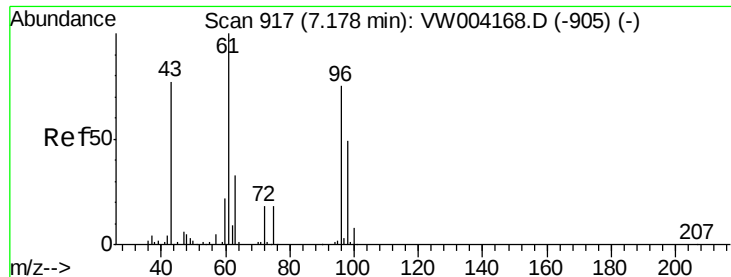
Tgt Ion: 43 Resp: 25982

Ion Ratio Lower Upper

43 100

58 29.7 0.0 59.4





#21

2-Butanone

Concen: 2.21 ug/L

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004175.D

Acq: 24 Jul 2018 15:01

Instrument :

MSVOA_W

ClientSampled :

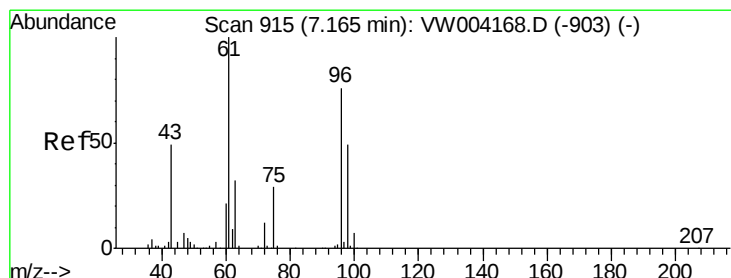
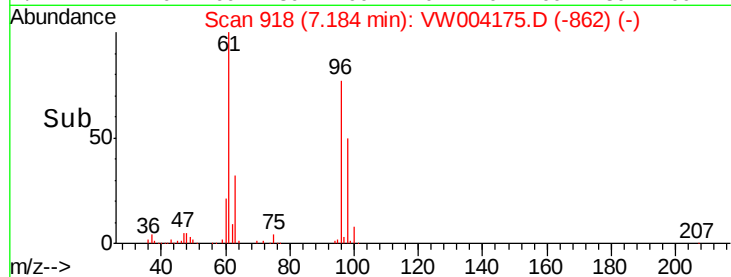
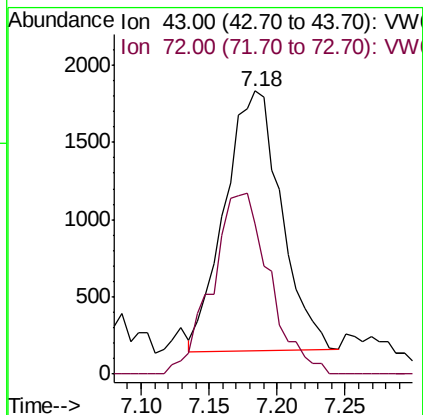
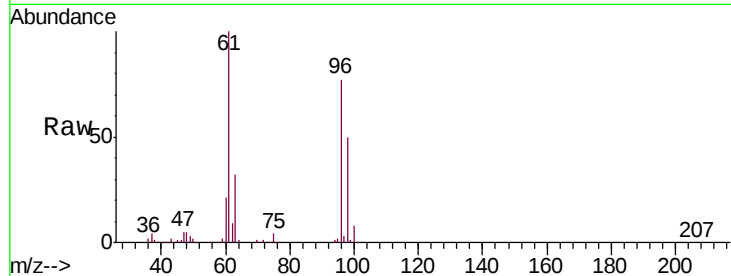
C0AE2

Tot Ion: 43 Resp: 4872

Ion Ratio Lower Upper

43 100

72 70.7 12.1 36.3#



#22

cis-1,2-Dichloroethene

Concen: 61.00 ug/L

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004175.D

Acq: 24 Jul 2018 15:01

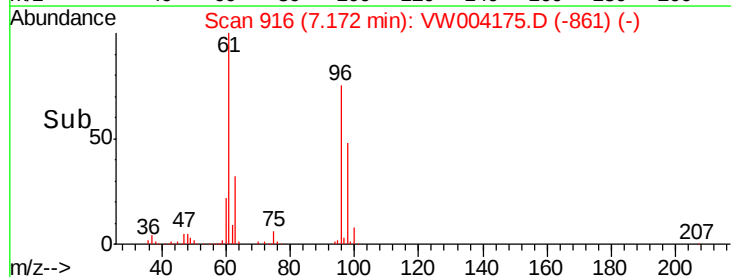
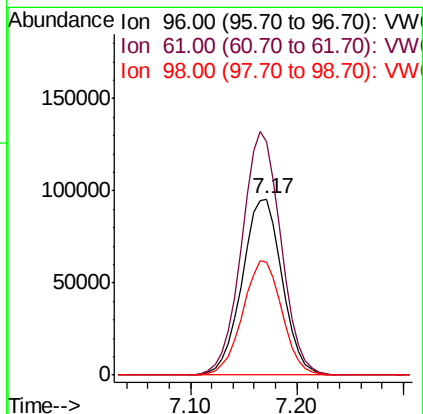
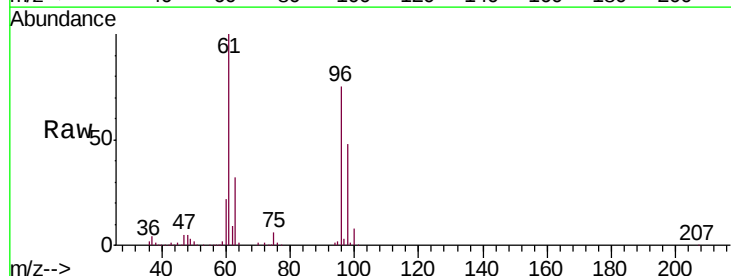
Tgt Ion: 96 Resp: 252041

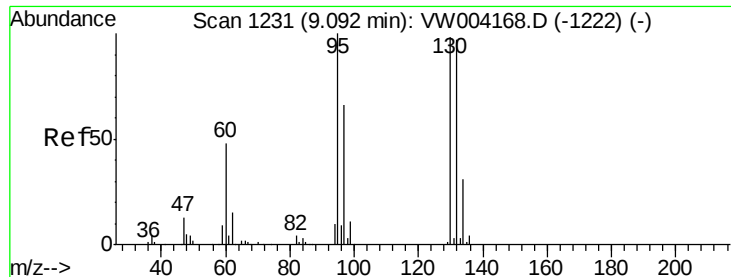
Ion Ratio Lower Upper

96 100

61 132.7 92.5 171.9

98 64.2 43.0 80.0

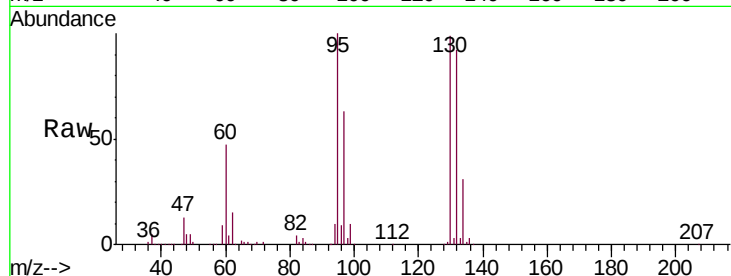




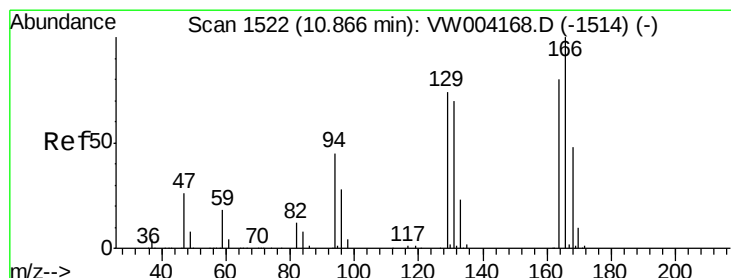
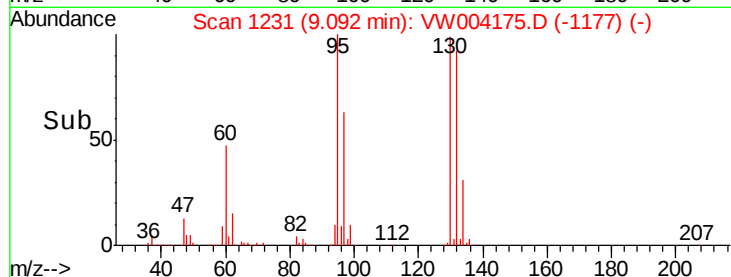
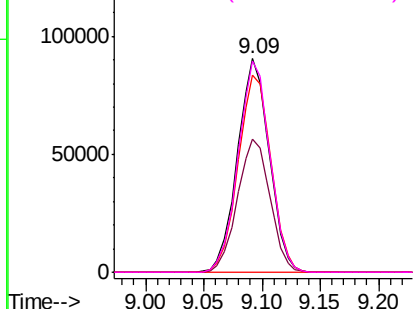
#35
 Trichloroethene
 Concen: 44.37 ug/L
 RT: 9.09 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VW004175.D
 Acq: 24 Jul 2018 15:01

Instrument :
 MSVOA_W
 ClientSampled :
 C0AE2

Tot Ion: 95 Resp: 172623
 Ion Ratio Lower Upper
 95 100
 97 63.8 44.7 83.1
 132 95.3 66.1 122.7
 130 99.0 68.9 127.9

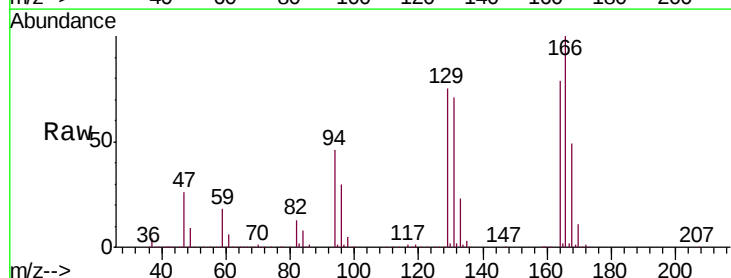


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V



#47
 Tetrachloroethene
 Concen: 194.78 ug/L
 RT: 10.87 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: VW004175.D
 Acq: 24 Jul 2018 15:01

Tgt Ion: 164 Resp: 611147
 Ion Ratio Lower Upper
 164 100
 129 94.6 63.1 117.3
 131 89.5 62.8 116.6
 166 125.8 84.6 157.2



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

