

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
 Data File : VW011266.D
 Acq On : 15 Jul 2019 17:30
 Operator : SY/VA
 Sample : K3798-03
 Misc : 6.46G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52G6

Quant Time: Jul 16 06:54:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 05:02:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	337706	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	289349	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112627	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	74147	14.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.52%
7) Chloroethane-d5	2.88	69	59718	16.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.04%
10) 1,1-Dichloroethene-d2	4.01	63	138952	12.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.88%
20) 2-Butanone-d5	7.07	46	132007	64.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.98%
24) Chloroform-d	7.65	84	195432	21.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.44%
26) 1,2-Dichloroethane-d4	8.31	65	135298	23.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.92%
29) Benzene-d6	8.27	84	384348	21.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.24%
33) 1,2-Dichloropropane-d6	9.27	67	139048	23.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.84%
37) Toluene-d8	10.32	98	322700	20.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.24%
38) trans-1,3-Dichloropropene-	10.58	79	54393	22.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.16%
39) 2-Hexanone-d5	10.93	63	89932	67.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.12%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133461	27.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	93956	21.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.92%

Target Compounds

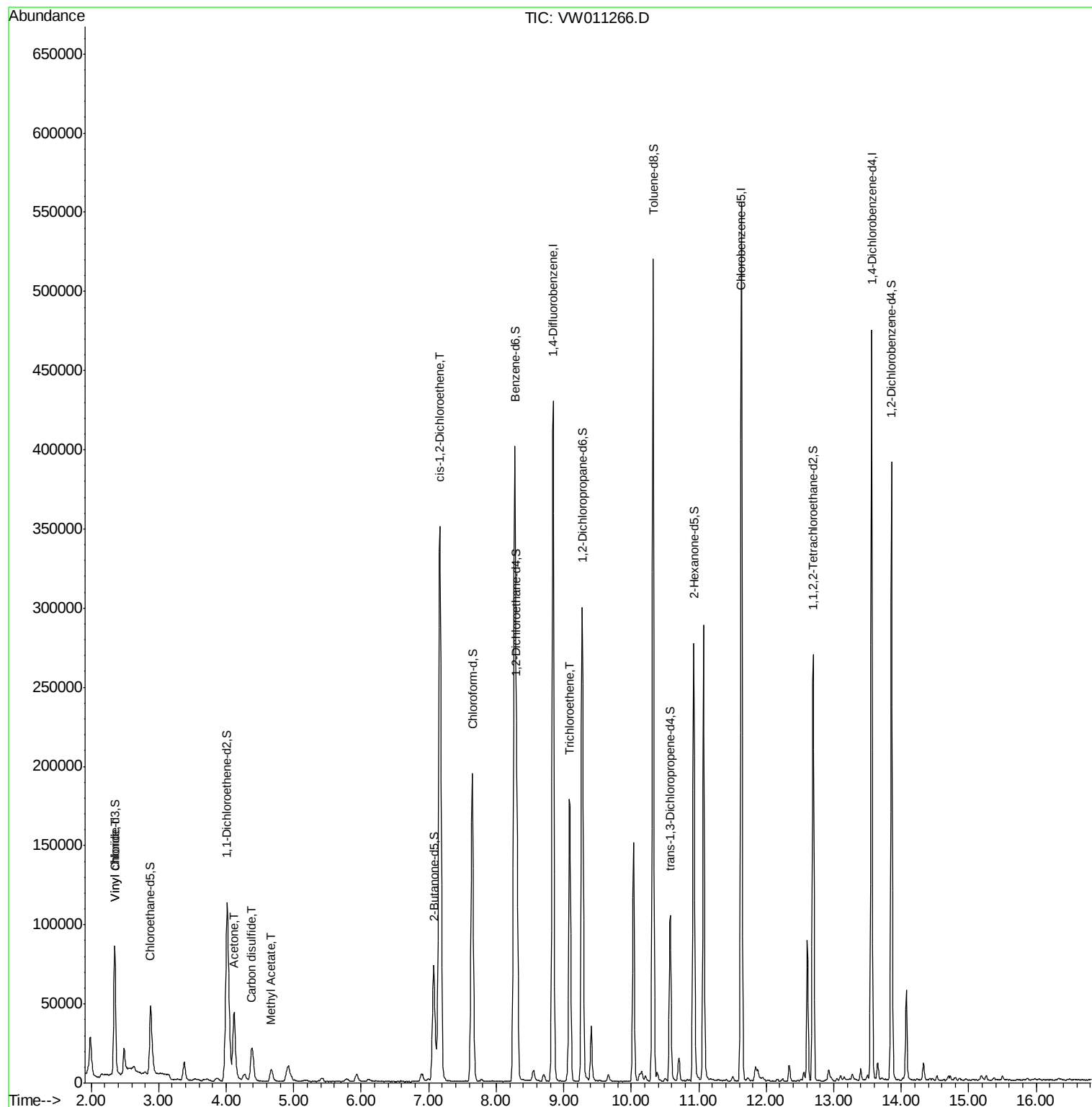
					Ovalue
5) Vinyl chloride	2.36	62	21085	3.582	ug/L 92
13) Acetone	4.12	43	75324	37.965	ug/L 99
14) Carbon disulfide	4.38	76	40593	3.198	ug/L 99
15) Methyl Acetate	4.67	43	15026	4.654	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	194824	40.134	ug/L 99
35) Trichloroethene	9.09	95	60515	13.261	ug/L 99

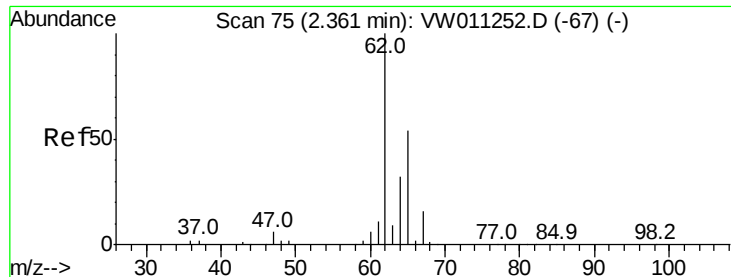
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 16 05:02:41 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.582 ug/L

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011266.D

Acq: 15 Jul 2019 17:30

Instrument :

MSVOA_W

ClientSampleId :

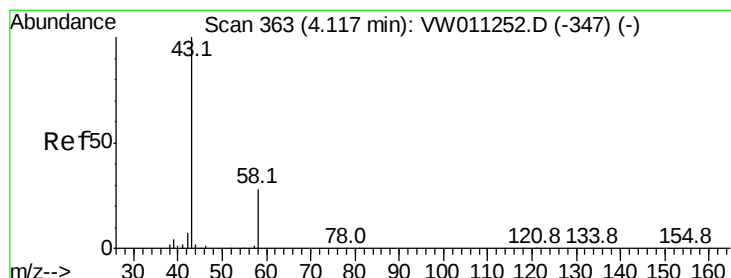
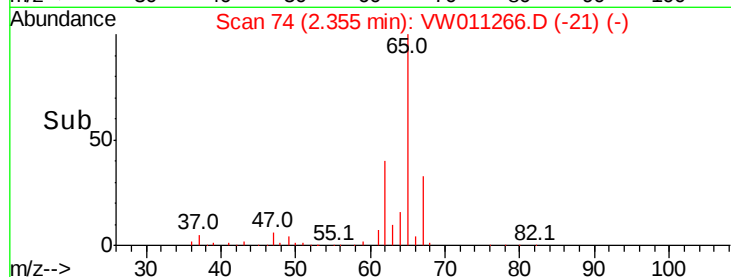
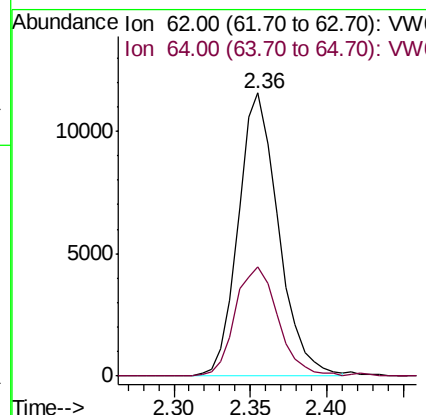
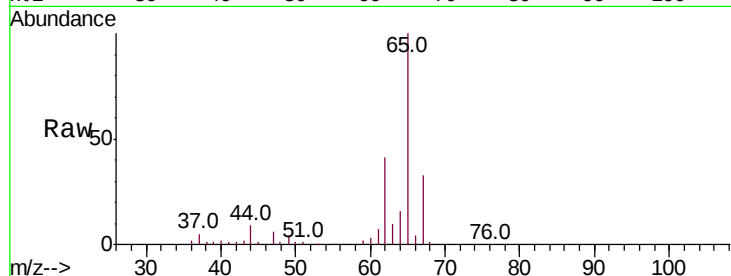
A52G6

Tot Ion: 62 Resp: 21085

Ion Ratio Lower Upper

62 100

64 38.7 23.9 44.3



#13

Acetone

Concen: 37.965 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011266.D

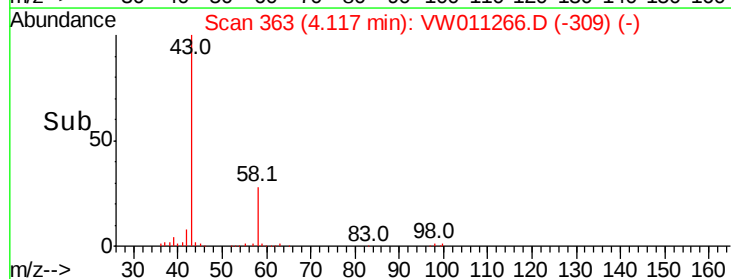
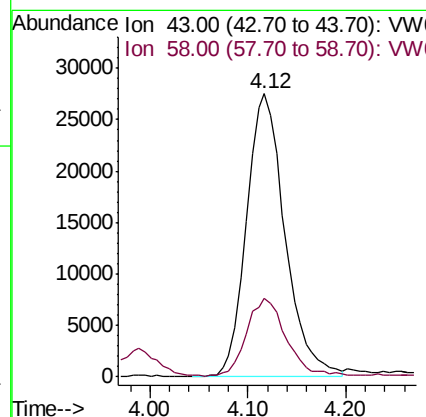
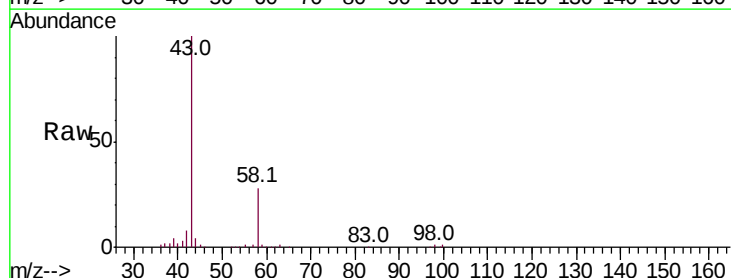
Acq: 15 Jul 2019 17:30

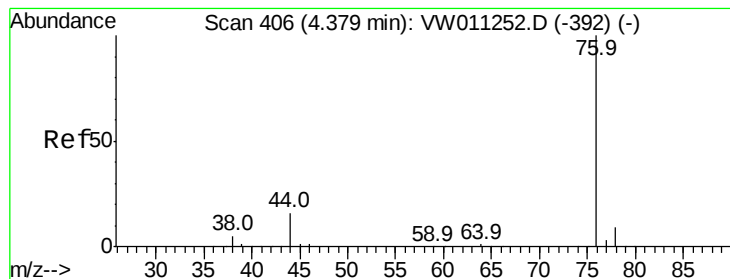
Tgt Ion: 43 Resp: 75324

Ion Ratio Lower Upper

43 100

58 27.1 0.0 55.0





#14

Carbon disulfide

Concen: 3.198 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW011266.D

Acq: 15 Jul 2019 17:30

Instrument :

MSVOA_W

ClientSampleId :

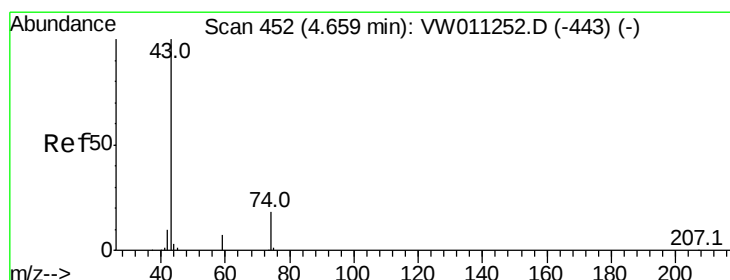
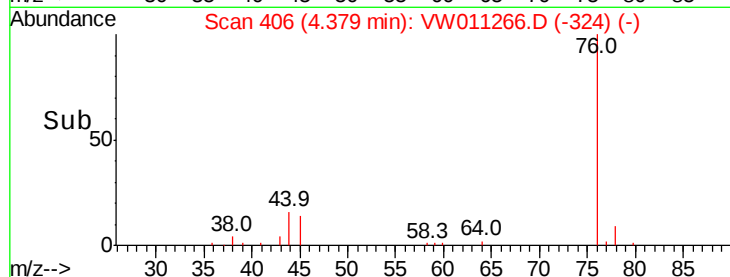
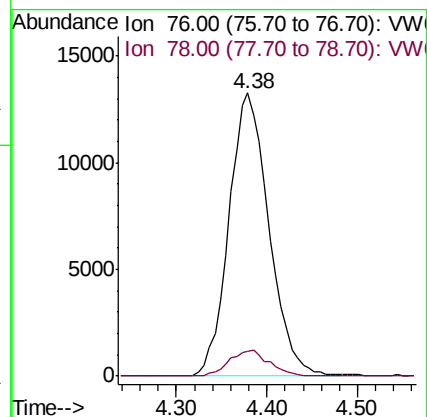
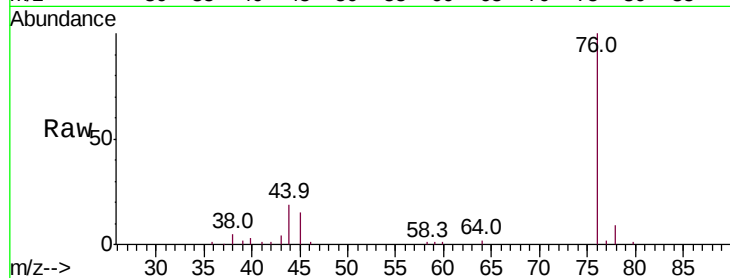
A52G6

Tot Ion: 76 Resp: 40593

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9



#15

Methyl Acetate

Concen: 4.654 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW011266.D

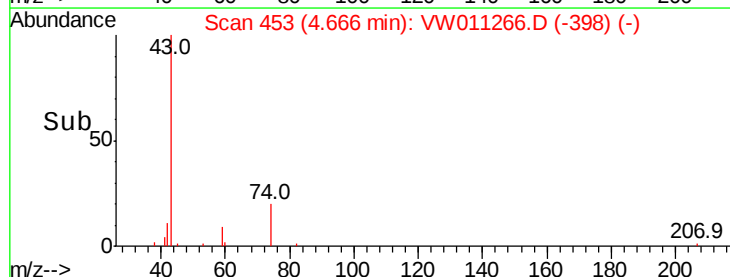
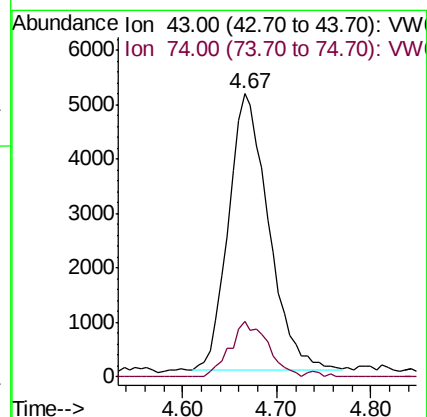
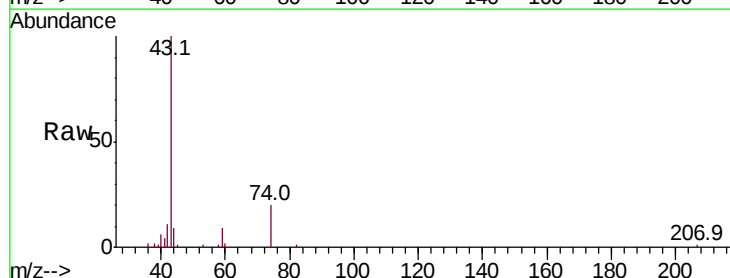
Acq: 15 Jul 2019 17:30

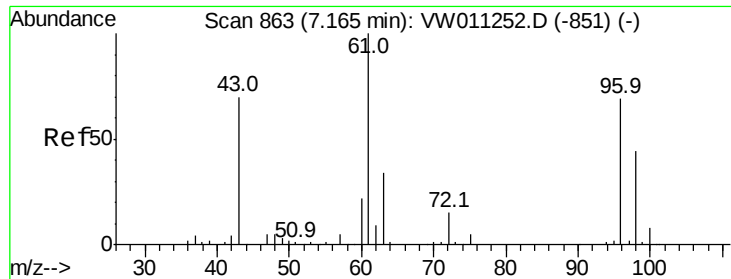
Tgt Ion: 43 Resp: 15026

Ion Ratio Lower Upper

43 100

74 18.8 15.1 22.7



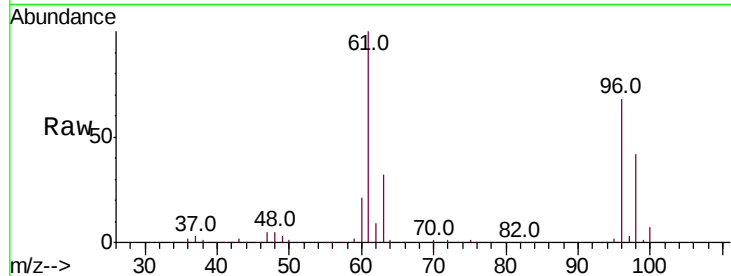


#22

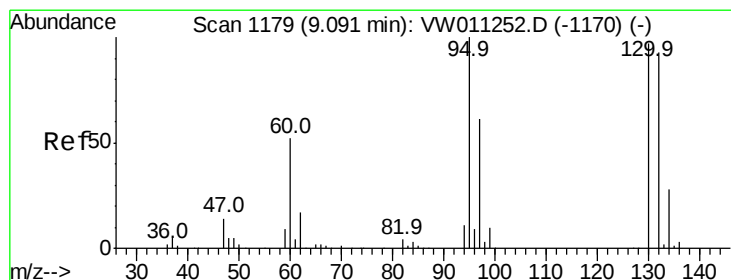
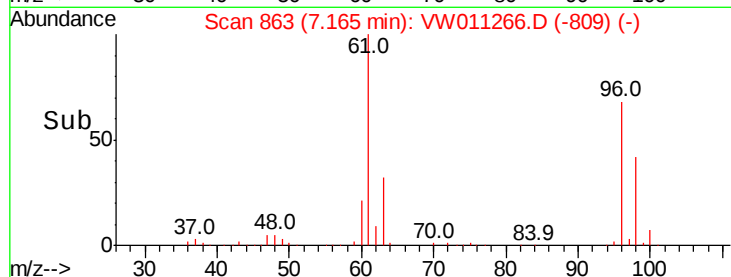
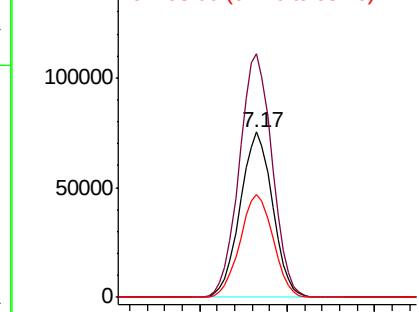
cis-1,2-Dichloroethene
Concen: 40.134 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011266.D
Acq: 15 Jul 2019 17:30

Instrument :
MSVOA_W
ClientSampleId :
A52G6

Tot Ion: 96 Resp: 194824
Ion Ratio Lower Upper
96 100
61 147.3 103.2 191.6
98 62.0 44.8 83.2



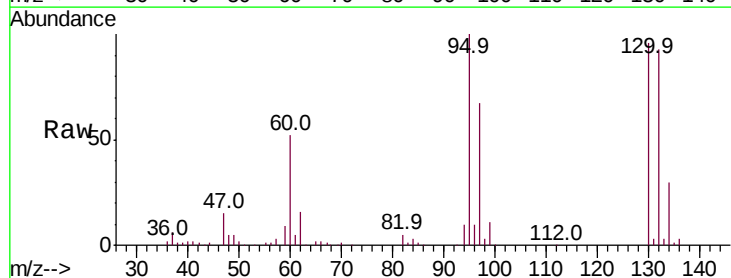
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



#35

Trichloroethene
Concen: 13.261 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW011266.D
Acq: 15 Jul 2019 17:30

Tgt Ion: 95 Resp: 60515
Ion Ratio Lower Upper
95 100
97 64.9 45.4 84.2
132 92.8 65.0 120.8
130 94.9 67.8 126.0



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

