

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103119\
 Data File : VW013878.D
 Acq On : 01 Nov 2019 03:52
 Operator : SY/VA
 Sample : K5552-11
 Misc : 4.72G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 05:58:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 05:55:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	327427	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	315305	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	154628	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	137941	27.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.68%
7) Chloroethane-d5	2.89	69	112736	28.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.64%
10) 1,1-Dichloroethene-d2	4.03	63	204367	20.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.96%
20) 2-Butanone-d5	7.07	46	78039	44.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.10%
24) Chloroform-d	7.65	84	281859	28.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.52%
26) 1,2-Dichloroethane-d4	8.31	65	154369	28.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.32%
29) Benzene-d6	8.27	84	603922	29.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.24%
33) 1,2-Dichloropropane-d6	9.27	67	184790	30.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.72%#
37) Toluene-d8	10.32	98	552318	28.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.08%
38) trans-1,3-Dichloropropene-	10.58	79	73711	26.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.28%
39) 2-Hexanone-d5	10.93	63	68553	48.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139978	25.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	171371	28.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.12%

Target Compounds

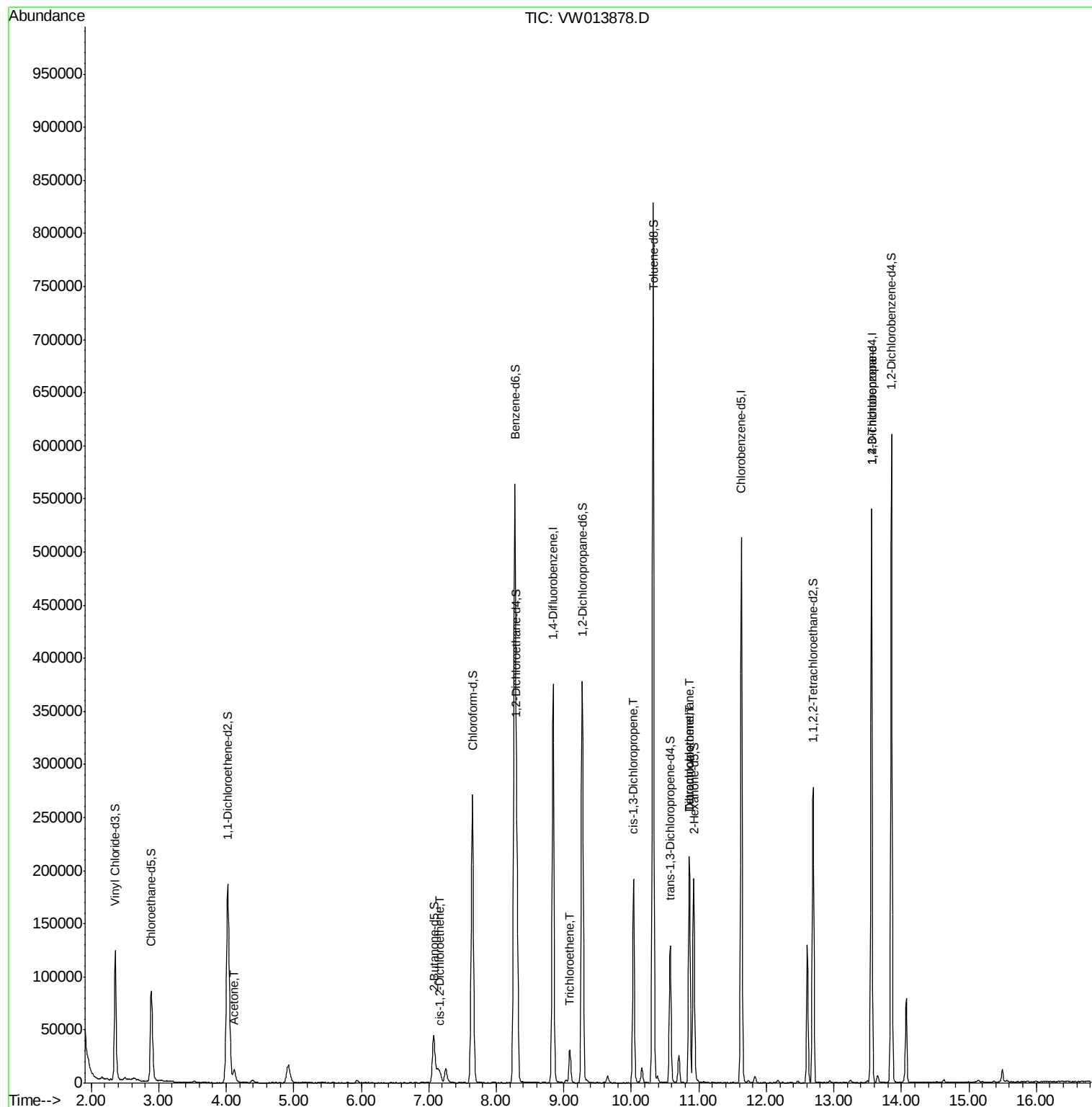
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	20615	12.574	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	4499	0.740	ug/L	96
35) Trichloroethene	9.09	95	10053	1.742	ug/L	96
42) cis-1,3-Dichloropropene	10.03	75	4651	0.548	ug/L	93
47) Tetrachloroethene	10.86	164	53143	10.254	ug/L	98
50) Dibromochloromethane	10.86	129	45705	9.027	ug/L #	12
59) 1,2,3-Trichloropropane	13.56	75	16454	3.950	ug/L	98

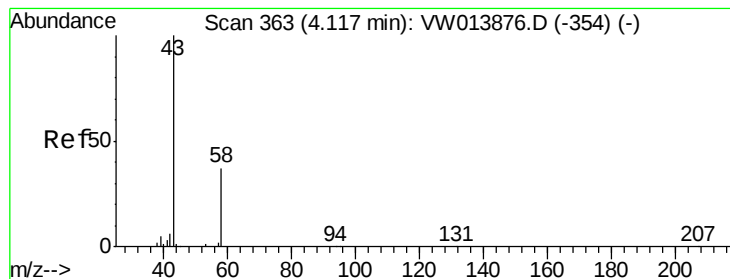
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 01 05:58:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 01 05:55:58 2019
Response via : Initial Calibration





#13

Acetone

Concen: 12.574 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW013878.D

Acq: 01 Nov 2019 03:52

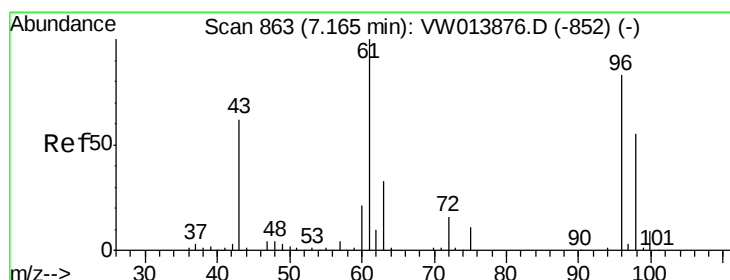
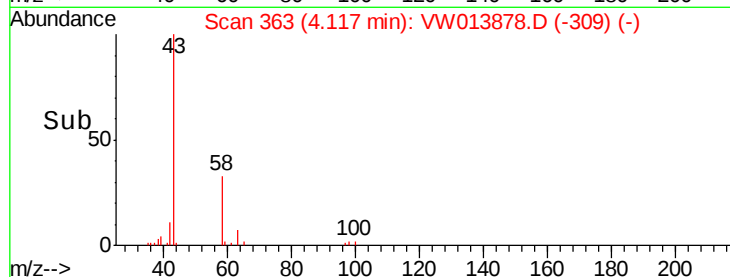
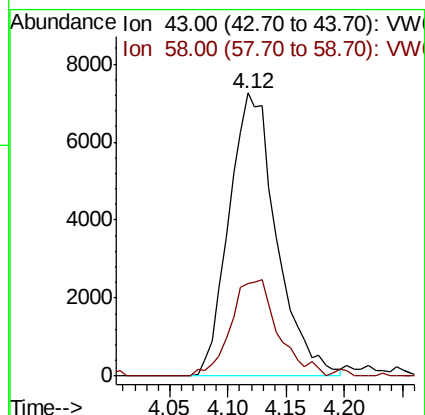
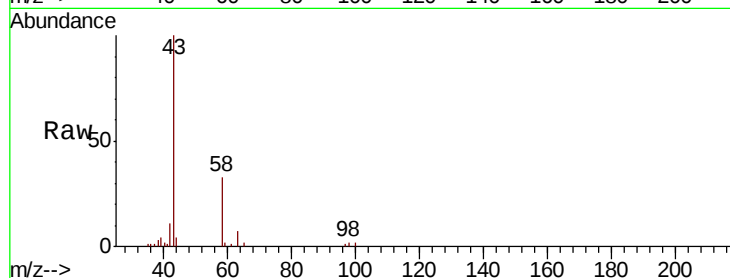
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 20615

Ion Ratio Lower Upper

43 100

58 32.6 0.0 63.4



#22

cis-1,2-Dichloroethene

Concen: 0.740 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013878.D

Acq: 01 Nov 2019 03:52

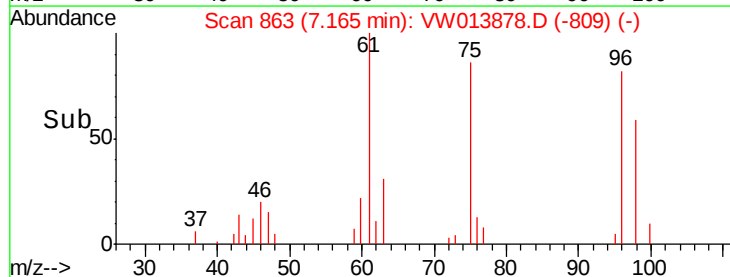
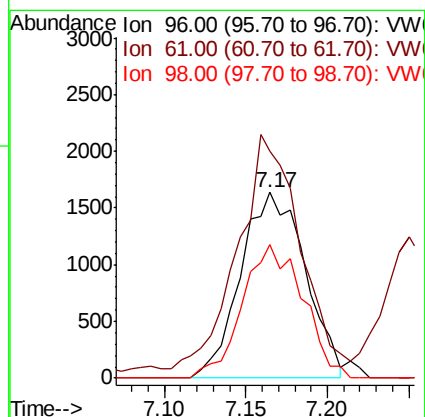
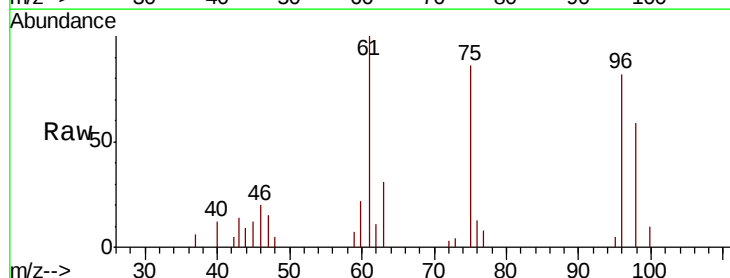
Tgt Ion: 96 Resp: 4499

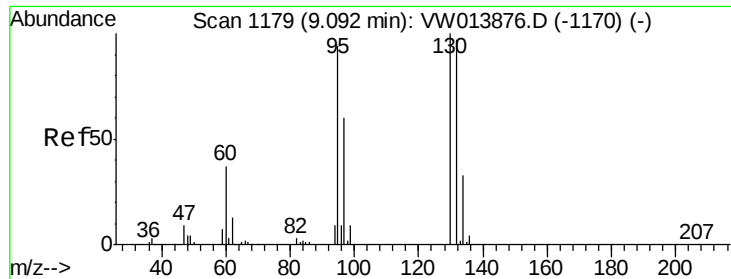
Ion Ratio Lower Upper

96 100

61 122.3 86.6 160.8

98 71.9 44.5 82.7





#35

Trichloroethene

Concen: 1.742 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW013878.D

Acq: 01 Nov 2019 03:52

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 10053

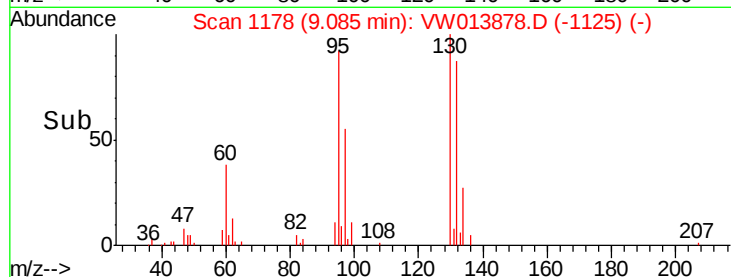
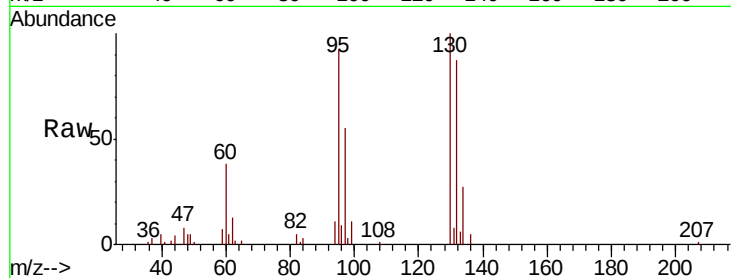
Ion Ratio Lower Upper

95 100

97 67.3 45.0 83.6

132 108.1 72.4 134.4

130 112.8 76.6 142.3

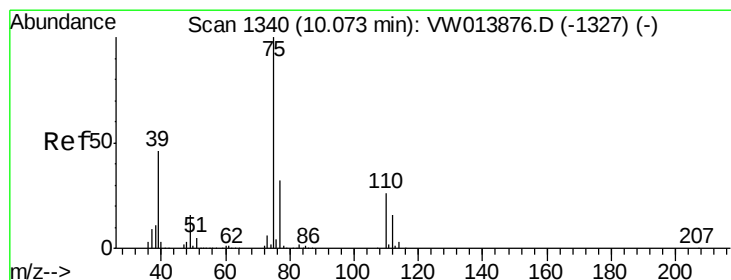
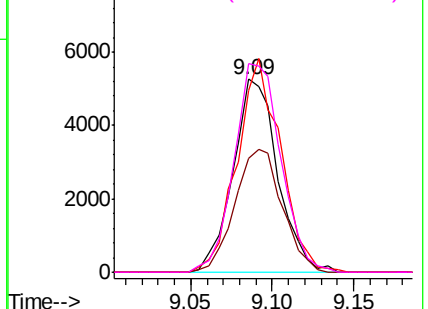


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#42

cis-1,3-Dichloropropene

Concen: 0.548 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW013878.D

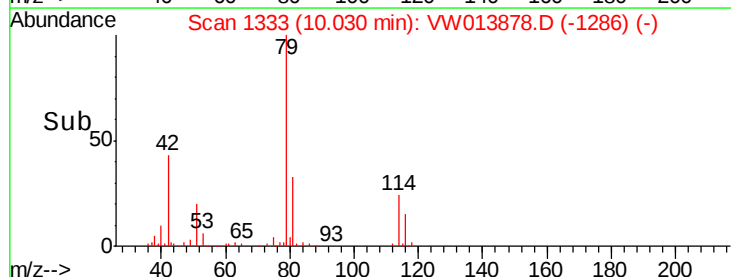
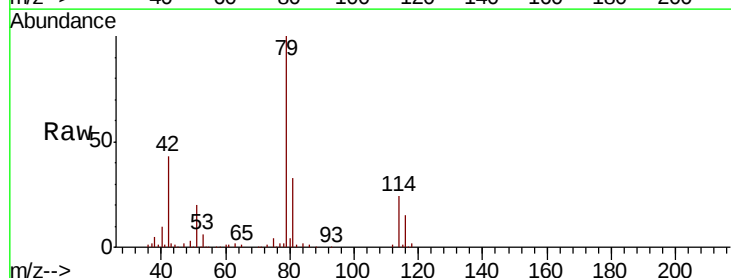
Acq: 01 Nov 2019 03:52

Tgt Ion: 75 Resp: 4651

Ion Ratio Lower Upper

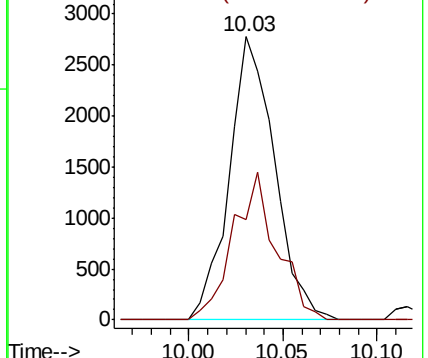
75 100

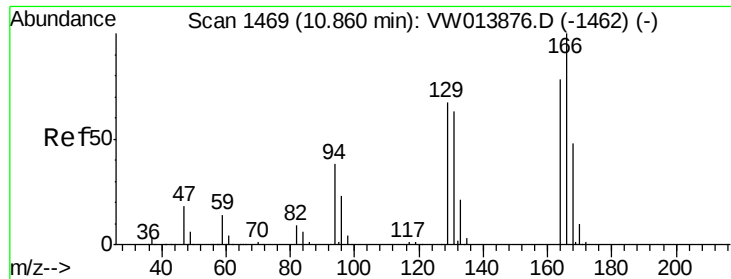
77 35.4 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

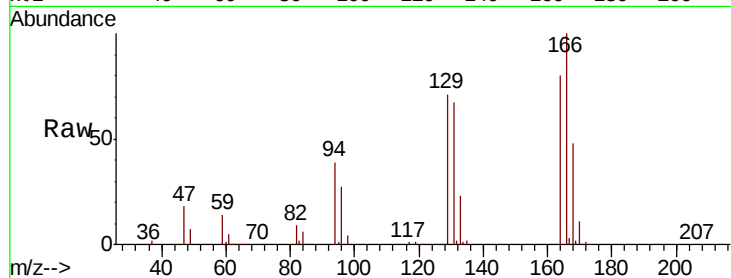




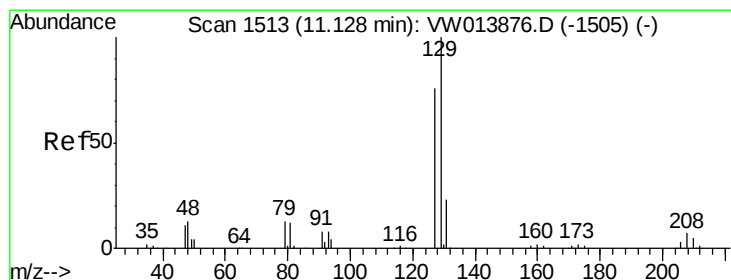
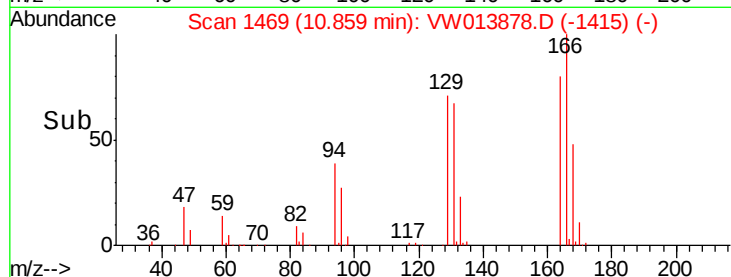
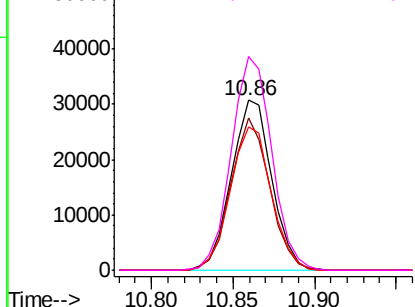
#47
Tetrachloroethene
Concen: 10.254 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013878.D
Acq: 01 Nov 2019 03:52

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:164 Resp: 53143
Ion Ratio Lower Upper
164 100
129 89.5 62.5 116.1
131 84.7 59.8 111.0
166 125.6 91.6 170.0

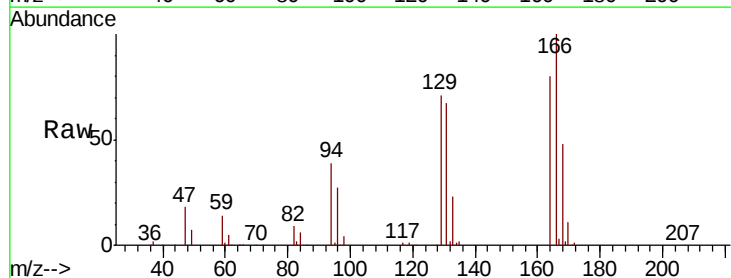


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

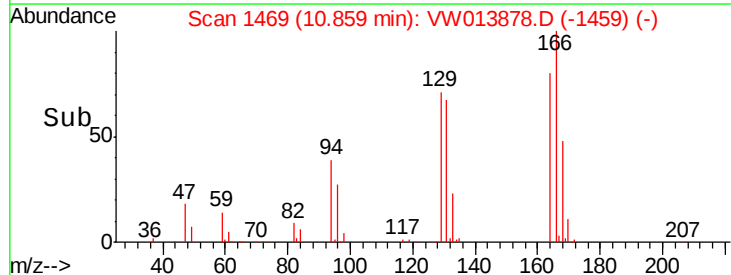
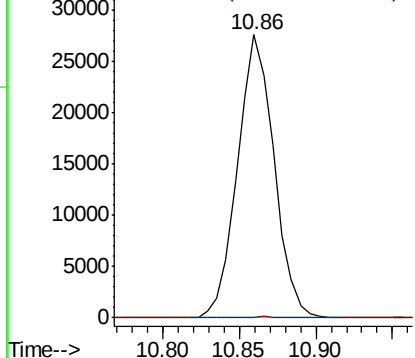


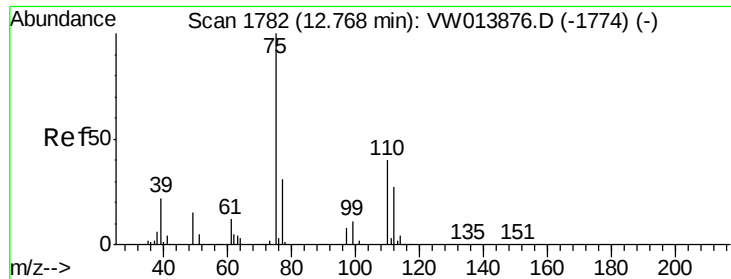
#50
Dibromochloromethane
Concen: 9.027 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW013878.D
Acq: 01 Nov 2019 03:52

Tgt Ion:129 Resp: 45705
Ion Ratio Lower Upper
129 100
127 0.3 52.6 97.8#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 3.950 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW013878.D

Acq: 01 Nov 2019 03:52

Instrument :

MSVOA_W

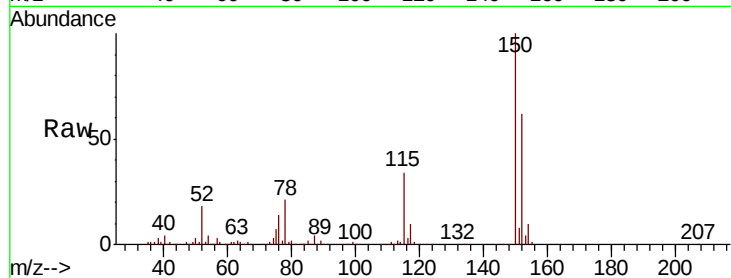
ClientSampleId :

Tot Ion: 75 Resp: 16454

Ion Ratio Lower Upper

75 100

77 33.6 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

