

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112719\
 Data File : VW014164.D
 Acq On : 27 Nov 2019 17:30
 Operator : SY/VA
 Sample : K6063-03RE
 Misc : 5.39G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 28 07:27:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 07:23:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	172156	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	118599	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	22303	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	42157	15.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.40%
7) Chloroethane-d5	2.88	69	44052	19.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.12%
10) 1,1-Dichloroethene-d2	4.01	63	67662	12.00	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.00%
20) 2-Butanone-d5	7.07	46	56315	70.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.14%#
24) Chloroform-d	7.64	84	137952	26.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.24%
26) 1,2-Dichloroethane-d4	8.31	65	71773	26.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.88%
29) Benzene-d6	8.27	84	257759	30.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.52%
33) 1,2-Dichloropropane-d6	9.27	67	92074	37.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	149.40%#
37) Toluene-d8	10.32	98	180832	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.64%
38) trans-1,3-Dichloropropene-	10.57	79	17814	16.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.48%
39) 2-Hexanone-d5	10.92	63	32975	70.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.08%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79559	42.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	170.96%#
61) 1,2-Dichlorobenzene-d4	13.85	152	39039	43.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	174.28%#

Target Compounds

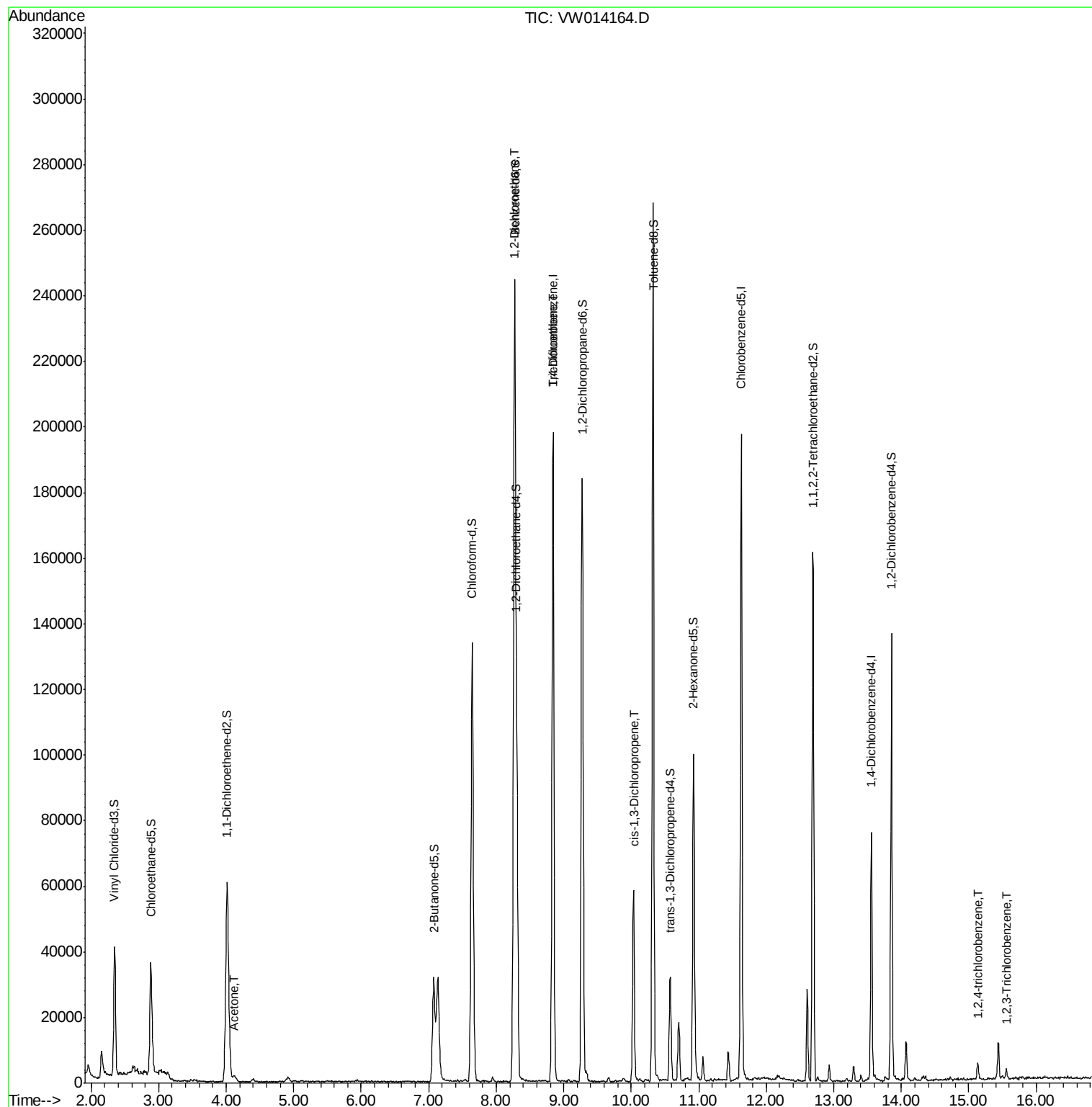
					Ovalue
13) Acetone	4.12	43	3074	3.786 ug/L	64
27) 1,2-Dichloroethane	8.26	62	839	0.276 ug/L #	70
35) Trichloroethene	8.84	95	5125	2.209 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	1485	0.449 ug/L	84
68) 1,2,4-trichlorobenzene	15.13	180	1693	1.804 ug/L #	80
70) 1,2,3-Trichlorobenzene	15.56	180	1278	1.543 ug/L #	88

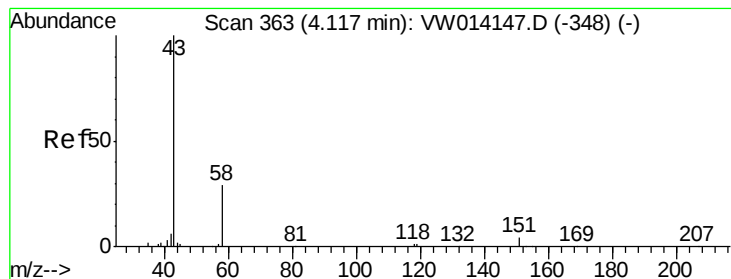
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Nov 28 07:23:52 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.786 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014164.D

Acq: 27 Nov 2019 17:30

Instrument :

MSVOA_W

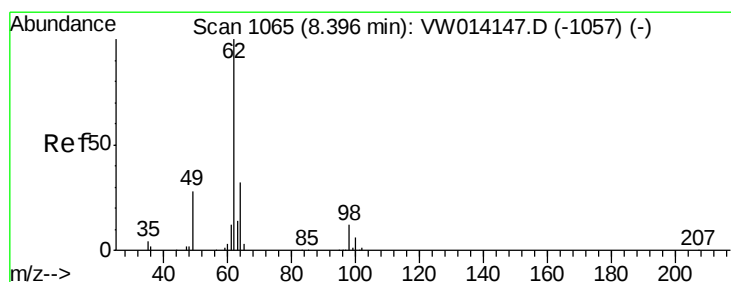
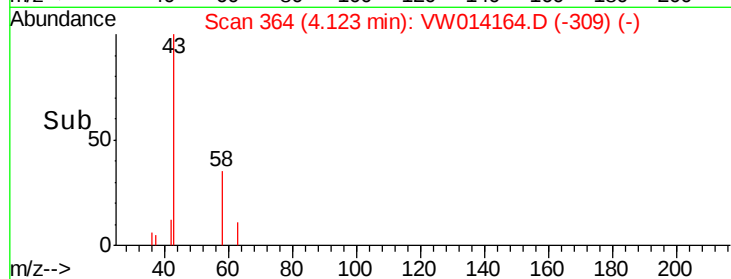
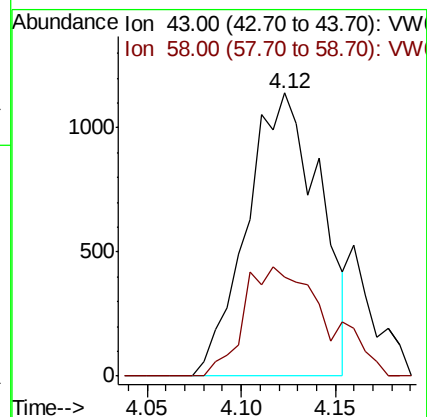
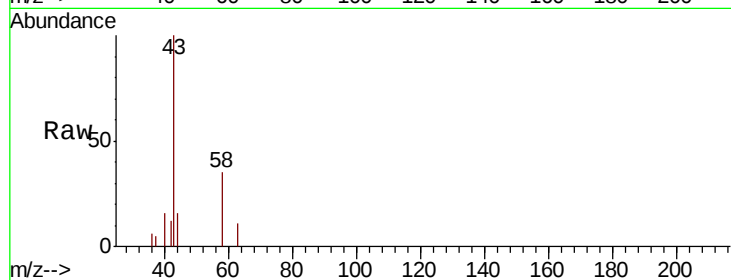
ClientSampled :

Tot Ion: 43 Resp: 3074

Ion Ratio Lower Upper

43 100

58 12.6 0.0 65.4



#27

1,2-Dichloroethane

Concen: 0.276 ug/L

RT: 8.26 min Scan# 1043

Delta R.T. -0.13 min

Lab File: VW014164.D

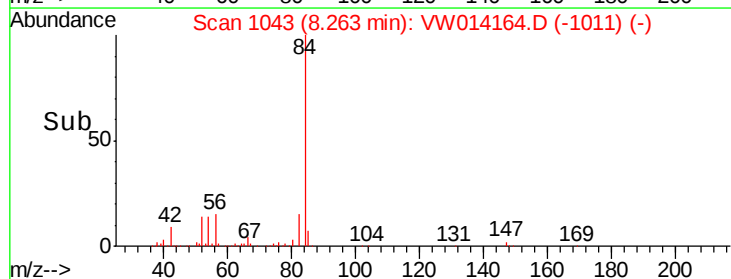
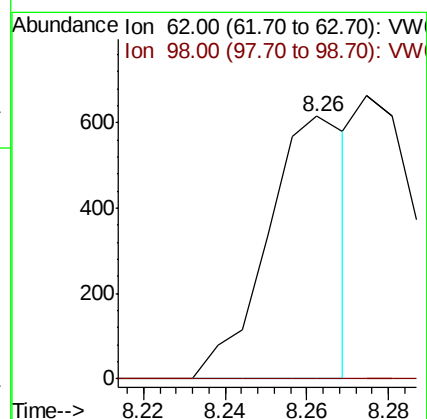
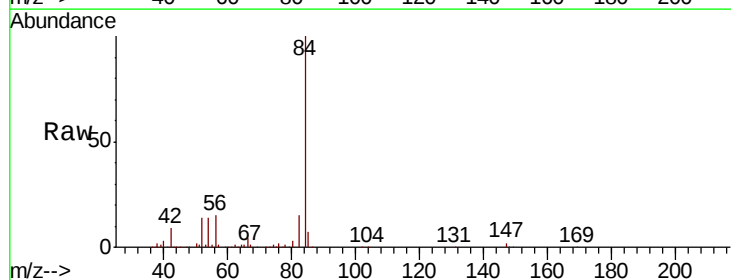
Acq: 27 Nov 2019 17:30

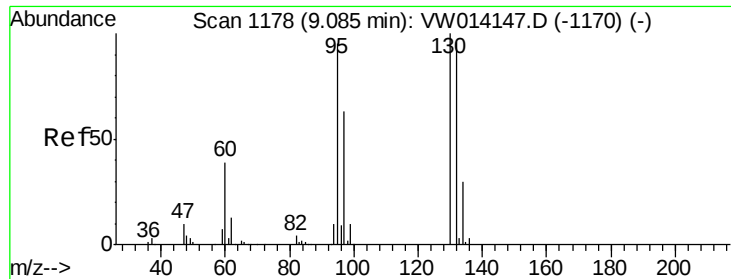
Tgt Ion: 62 Resp: 839

Ion Ratio Lower Upper

62 100

98 0.0 9.3 13.9#

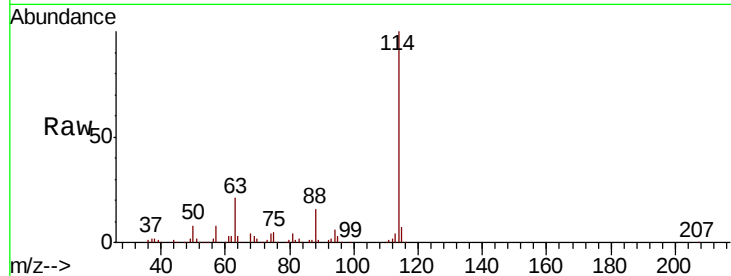




#35
 Trichloroethene
 Concen: 2.209 ug/L
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.25 min
 Lab File: VW014164.D
 Acq: 27 Nov 2019 17:30

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	95	Resp	5125
Ion Ratio	100	Lower	Upper
97	0.0	45.1	83.9#
132	0.0	73.7	136.9#
130	0.0	76.6	142.2#



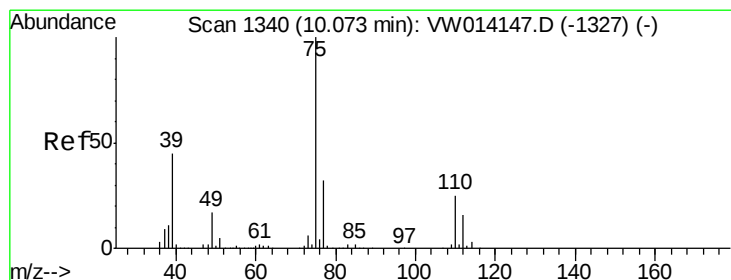
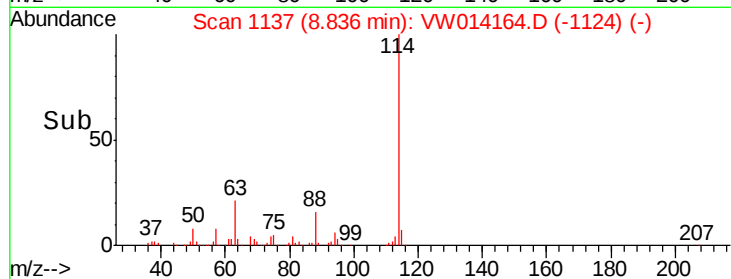
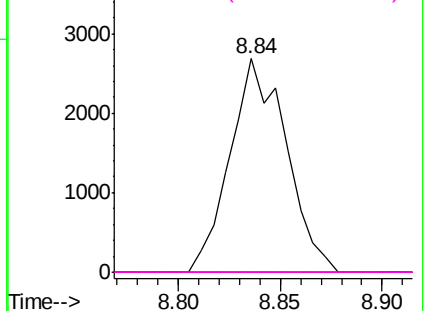
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

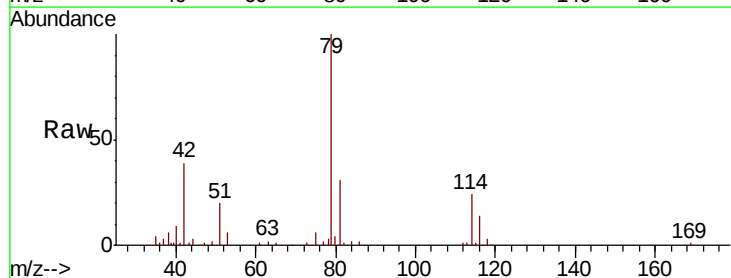
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42
 cis-1,3-Dichloropropene
 Concen: 0.449 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW014164.D
 Acq: 27 Nov 2019 17:30

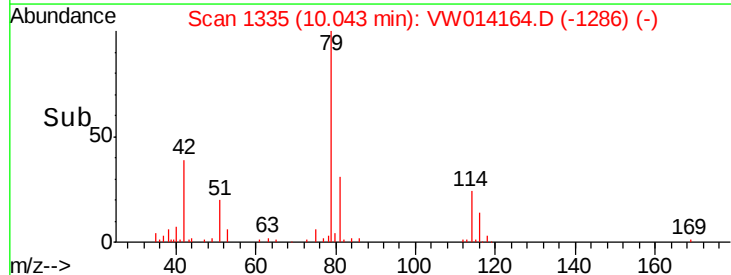
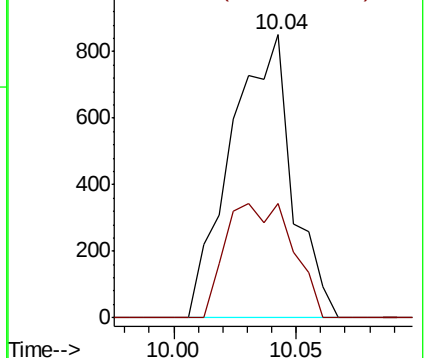
Tgt Ion	75	Resp	1485
Ion Ratio	100	Lower	Upper
77	40.3	22.1	41.1

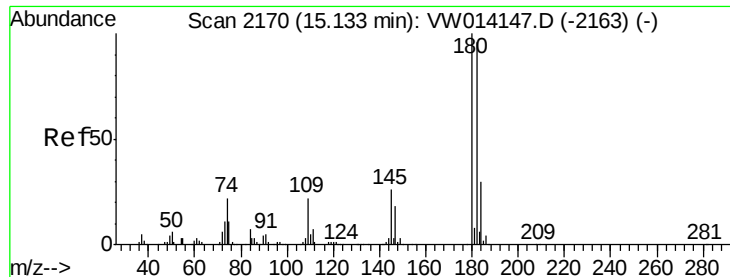


Abundance

Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

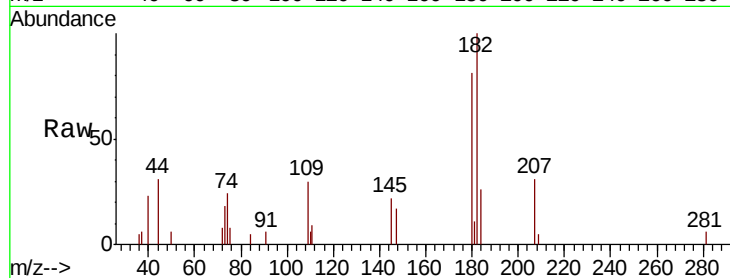




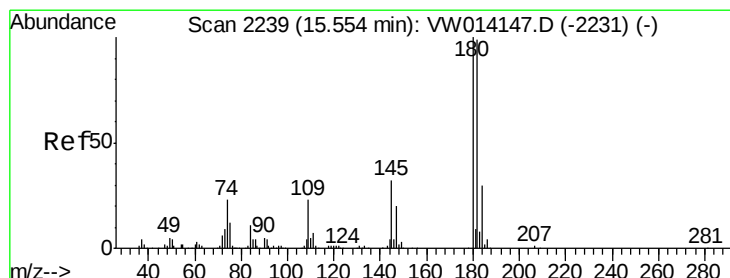
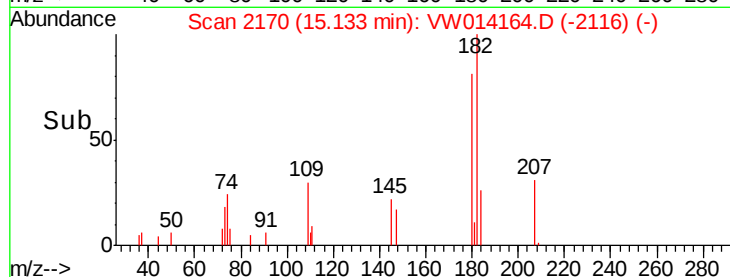
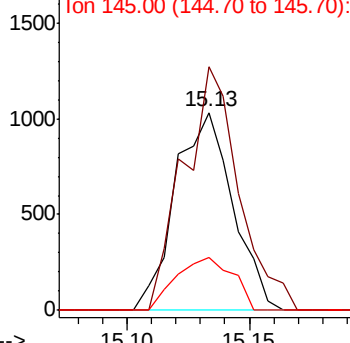
#68
 1,2,4-trichlorobenzene
 Concen: 1.804 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014164.D
 Acq: 27 Nov 2019 17:30

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 1693
 Ion Ratio Lower Upper
 180 100
 182 118.3 75.8 113.8#
 145 26.0 22.4 33.6

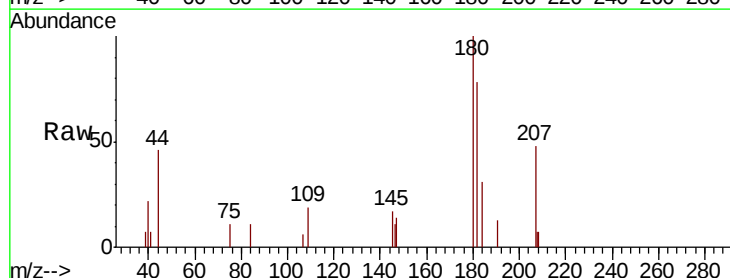


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 1.543 ug/L
 RT: 15.56 min Scan# 2240
 Delta R.T. 0.01 min
 Lab File: VW014164.D
 Acq: 27 Nov 2019 17:30

Tgt Ion:180 Resp: 1278
 Ion Ratio Lower Upper
 180 100
 182 83.5 75.8 113.6
 145 23.5 24.0 36.0#



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

