

Data File : VW014800.D
Acq On : 29 Jan 2020 17:36
Operator : SY/VA
Sample : L1303-07
Misc : 4.87G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AF2

Quant Time: Jan 30 07:09:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 07:05:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	862384	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	796806	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	343704	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	336888	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.64%
7) Chloroethane-d5	2.89	69	274538	23.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.64%
10) 1,1-Dichloroethene-d2	4.02	63	439209	17.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.08%
20) 2-Butanone-d5	7.07	46	155959	40.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.42%
24) Chloroform-d	7.65	84	571923	24.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.12%
26) 1,2-Dichloroethane-d4	8.48	65	145	0.01	ug/L	0.18
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1177891	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.27	67	381667	24.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.92%
37) Toluene-d8	10.32	98	1072053	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.00%
38) trans-1,3-Dichloropropene-	10.58	79	147370	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.88%
39) 2-Hexanone-d5	10.92	63	132310	45.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	266988	21.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	336899	25.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.04%

Target Compounds

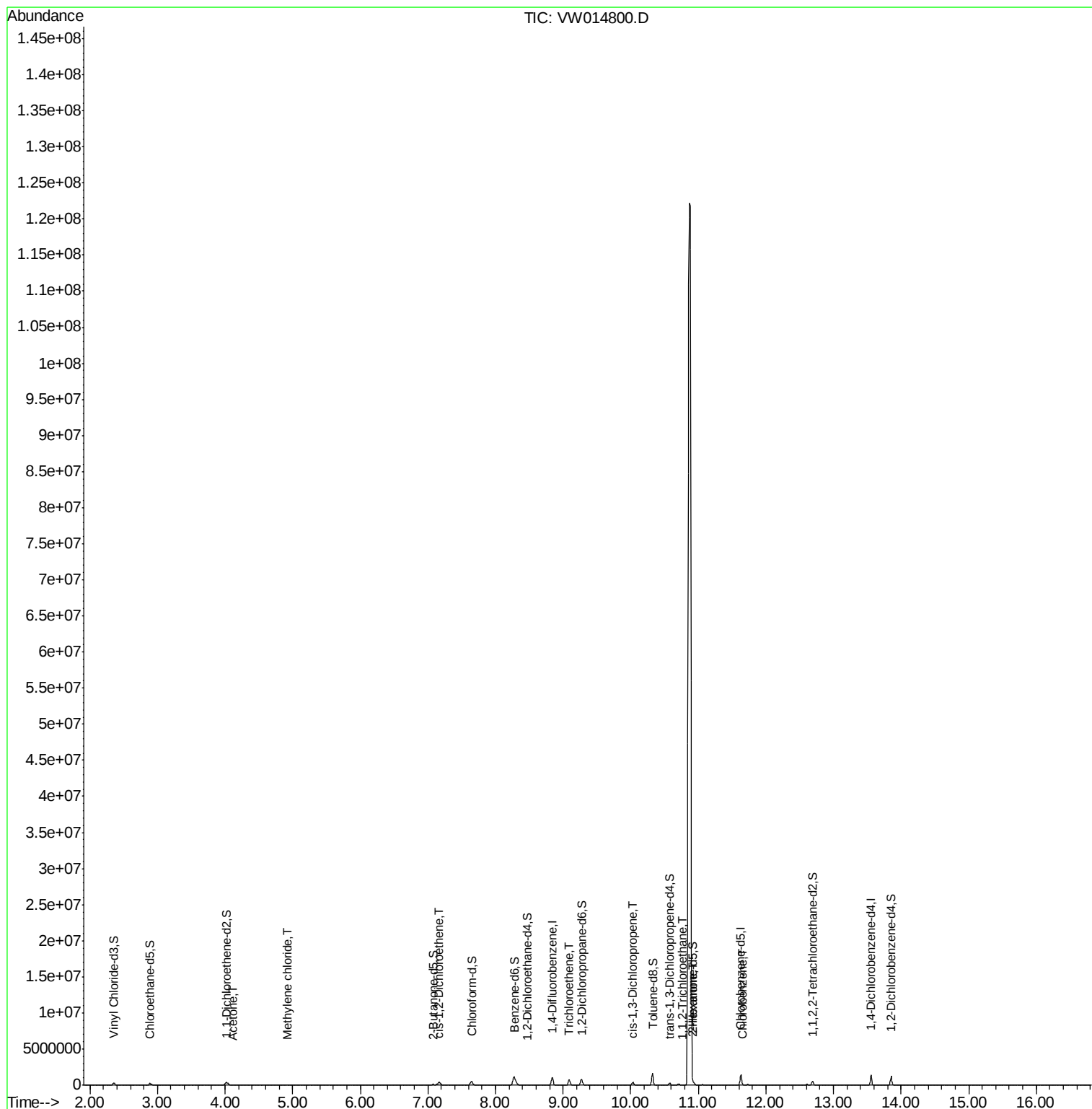
					Qvalue
13) Acetone	4.12	43	18848	4.537 ug/L	99
16) Methylene chloride	4.92	84	40010	2.745 ug/L	96
22) cis-1,2-Dichloroethene	7.16	96	217310	17.064 ug/L	99
35) Trichloroethene	9.09	95	262362	20.237 ug/L	99
42) cis-1,3-Dichloropropene	10.03	75	9343	0.494 ug/L #	52
46) 1,1,2-Trichloroethane	10.76	97	15490	1.754 ug/L #	23
49) 2-Hexanone	10.93	43	16359	2.675 ug/L #	65
52) Chlorobenzene	11.66	112	25203	0.778 ug/L	93

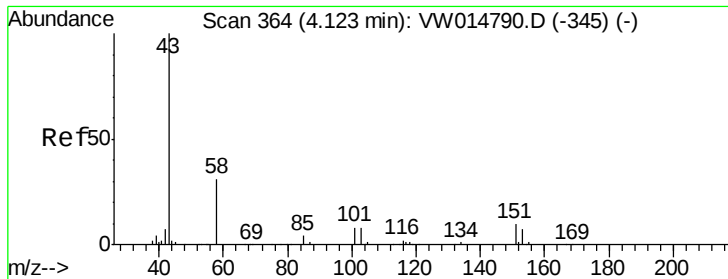
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW014800.D
Acq On : 29 Jan 2020 17:36
Operator : SY/VA
Sample : L1303-07
Misc : 4.87G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AF2

Quant Time: Jan 30 07:09:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 07:05:48 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.537 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW014800.D

Acq: 29 Jan 2020 17:36

Instrument :

MSVOA_W

ClientSampleId :

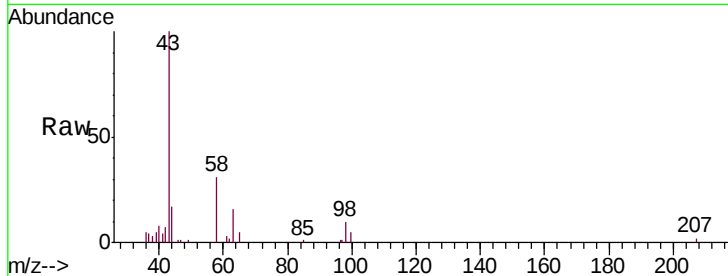
C0AF2

Tgt Ion: 43 Resp: 18848

Ion Ratio Lower Upper

43 100

58 32.7 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

6000

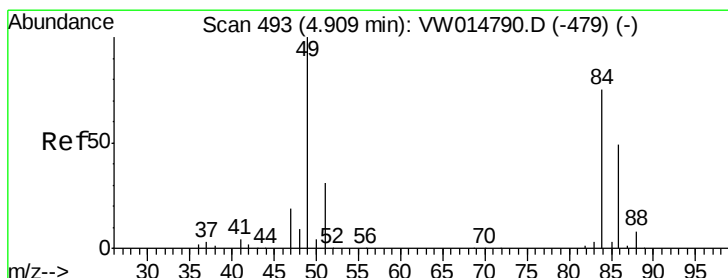
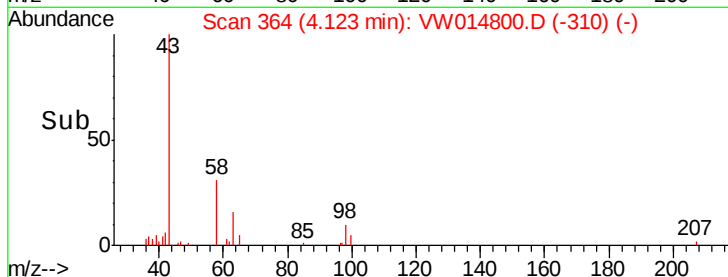
4000

2000

0

Time-->

4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 2.745 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014800.D

Acq: 29 Jan 2020 17:36

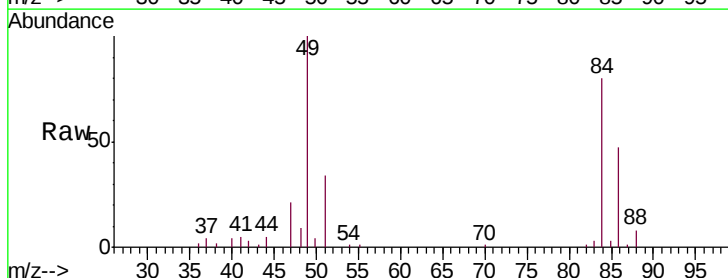
Tgt Ion: 84 Resp: 40010

Ion Ratio Lower Upper

84 100

49 124.9 90.9 168.7

86 58.8 43.5 80.7



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

4.92

20000

15000

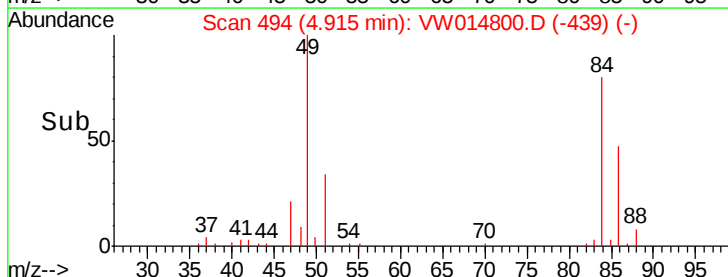
10000

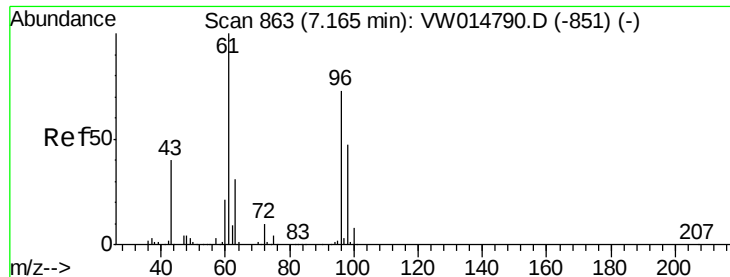
5000

0

Time-->

4.80 4.90 5.00 5.10



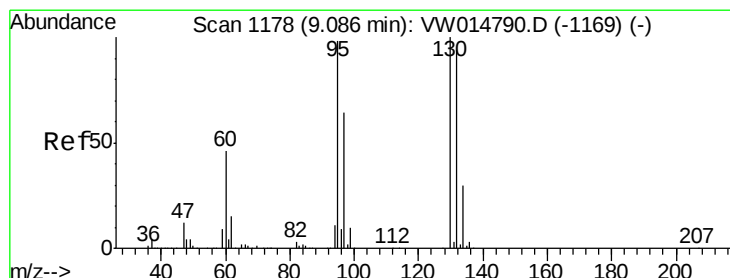
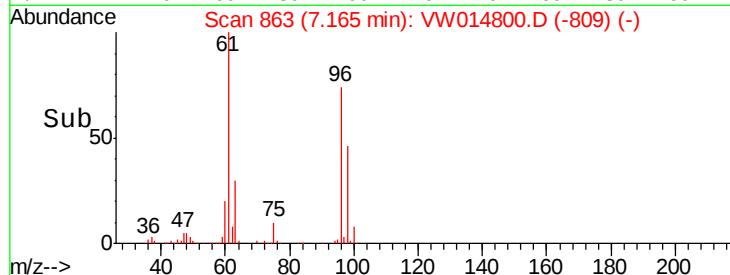
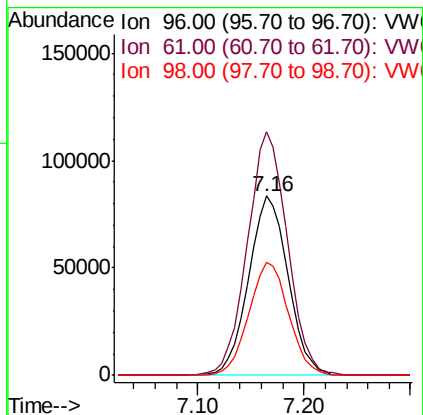
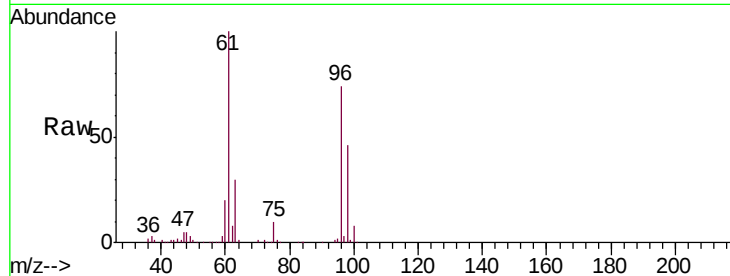


#22

cis-1,2-Dichloroethene
Concen: 17.064 ug/L
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014800.D
Acq: 29 Jan 2020 17:36

Instrument :
MSVOA_W
ClientSampled :
C0AF2

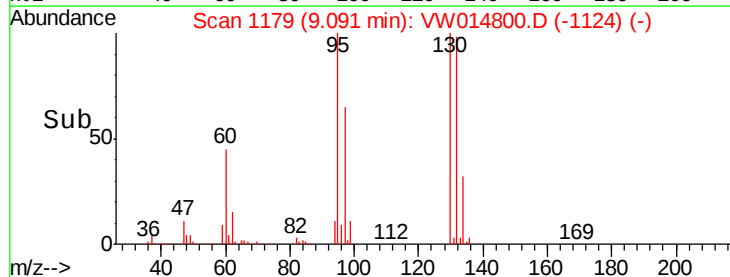
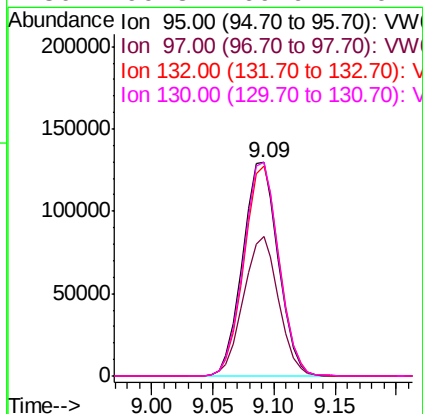
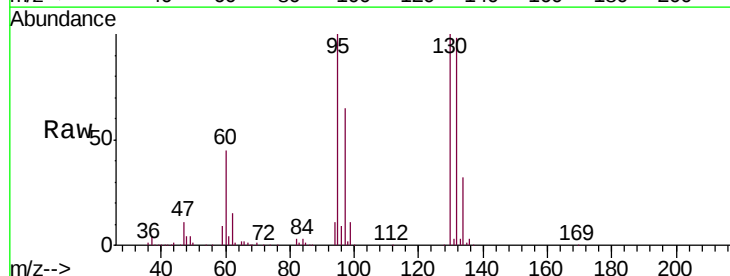
Tgt Ion: 96 Resp: 217310
Ion Ratio Lower Upper
96 100
61 135.9 94.1 174.7
98 62.8 44.9 83.3

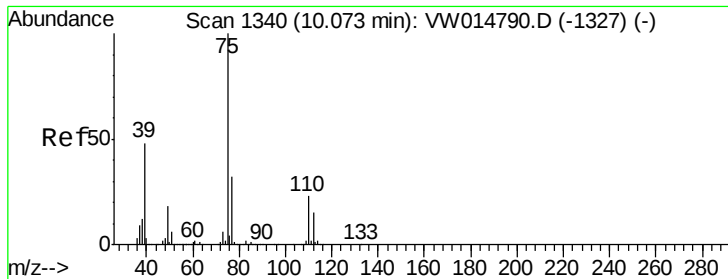


#35

Trichloroethene
Concen: 20.237 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW014800.D
Acq: 29 Jan 2020 17:36

Tgt Ion: 95 Resp: 262362
Ion Ratio Lower Upper
95 100
97 64.5 44.3 82.3
132 97.3 67.1 124.7
130 99.3 69.9 129.7





#42

cis-1,3-Dichloropropene

Concen: 0.494 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014800.D

Acq: 29 Jan 2020 17:36

Instrument :

MSVOA_W

ClientSampleId :

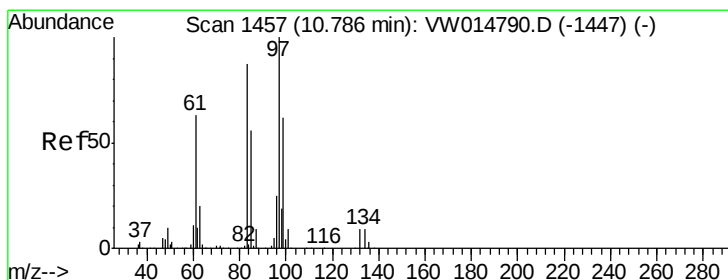
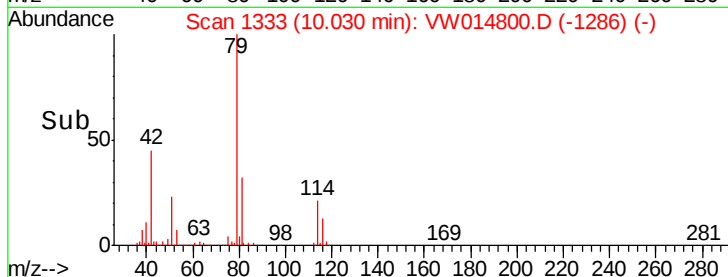
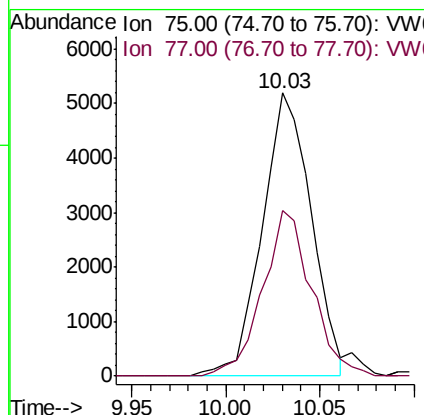
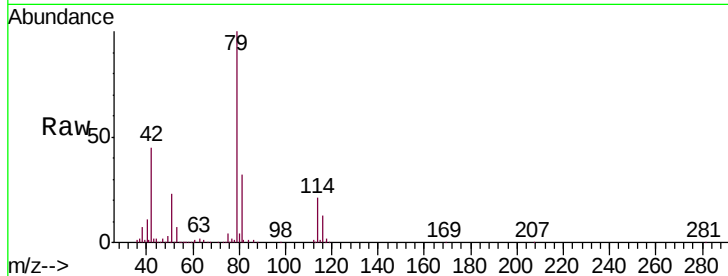
C0AF2

Tgt Ion: 75 Resp: 9343

Ion Ratio Lower Upper

75 100

77 58.6 22.3 41.3#



#46

1,1,2-Trichloroethane

Concen: 1.754 ug/L

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW014800.D

Acq: 29 Jan 2020 17:36

Tgt Ion: 97 Resp: 15490

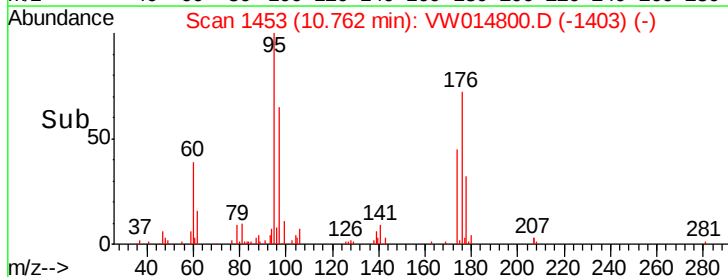
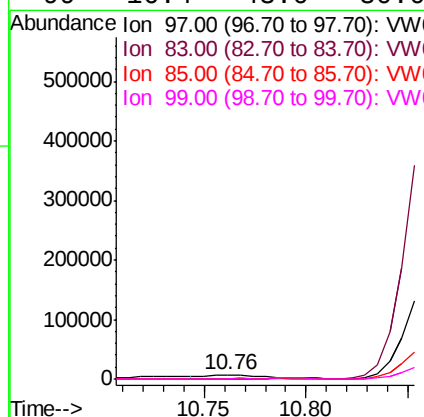
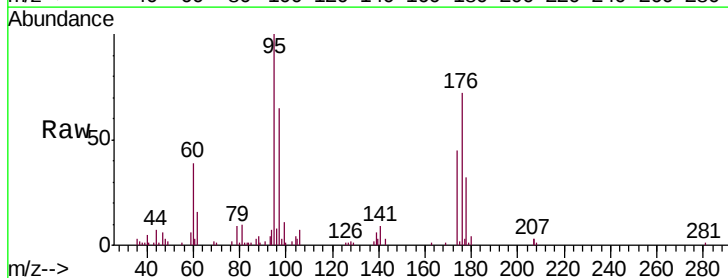
Ion Ratio Lower Upper

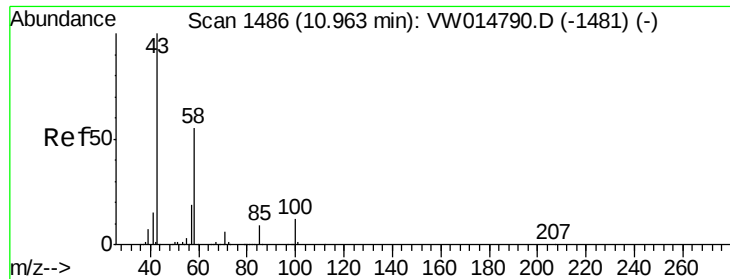
97 100

83 1.7 60.9 113.1#

85 1.4 39.2 72.8#

99 16.4 43.0 80.0#

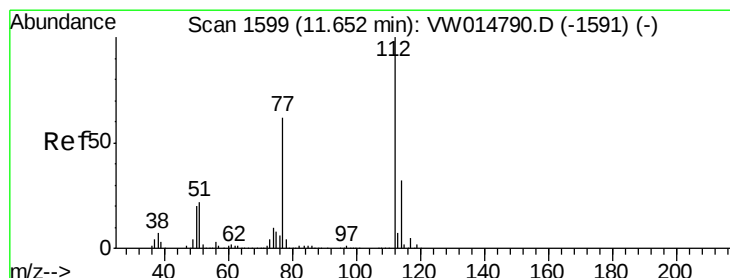
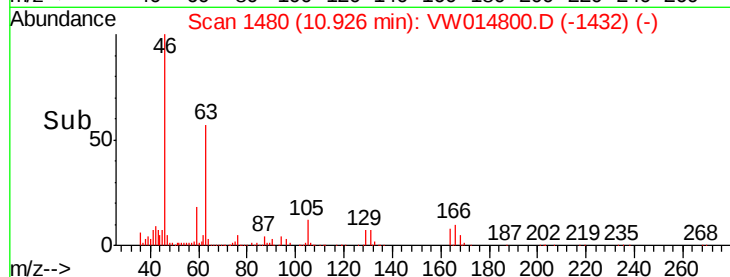
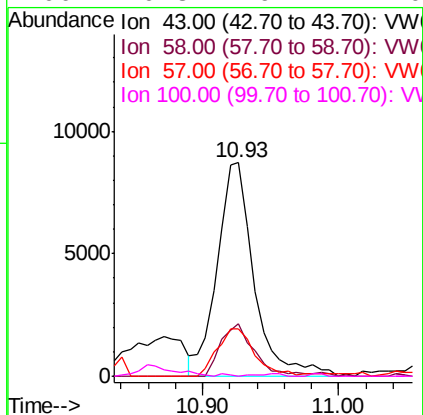
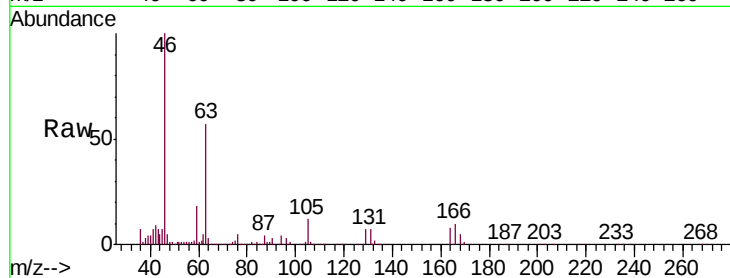




#49
2-Hexanone
Concen: 2.675 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW014800.D
Acq: 29 Jan 2020 17:36

Instrument :
MSVOA_W
ClientSampleId :
C0AF2

Tgt Ion: 43 Resp: 16359
Ion Ratio Lower Upper
43 100
58 21.6 43.2 64.8#
57 22.3 14.7 22.1#
100 0.3 9.4 14.0#



#52
Chlorobenzene
Concen: 0.778 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW014800.D
Acq: 29 Jan 2020 17:36

Tgt Ion: 112 Resp: 25203
Ion Ratio Lower Upper
112 100
77 67.9 49.2 73.8
114 33.9 22.5 41.7

