

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016747.D
 Acq On : 01 Oct 2020 18:50
 Operator : SY/VA
 Sample : L4203-17
 Misc : 5.93G/10ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 01 21:36:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 21:33:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	640572	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	544501	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	243832	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	98286	15.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.40%
7) Chloroethane-d5	2.90	69	97687	19.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.20%
10) 1,1-Dichloroethene-d2	4.03	63	168450	12.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.60%
20) 2-Butanone-d5	7.09	46	61667	36.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.96%
24) Chloroform-d	7.66	84	290730	21.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	8.31	65	146282	21.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.08%
29) Benzene-d6	8.28	84	549219	22.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.96%
33) 1,2-Dichloropropane-d6	9.28	67	161837	24.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.84%
37) Toluene-d8	10.33	98	506410	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.32%
38) trans-1,3-Dichloropropene-	10.58	79	59360	17.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.16%
39) 2-Hexanone-d5	10.93	63	49298	40.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124579	22.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	178718	22.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.76%

Target Compounds

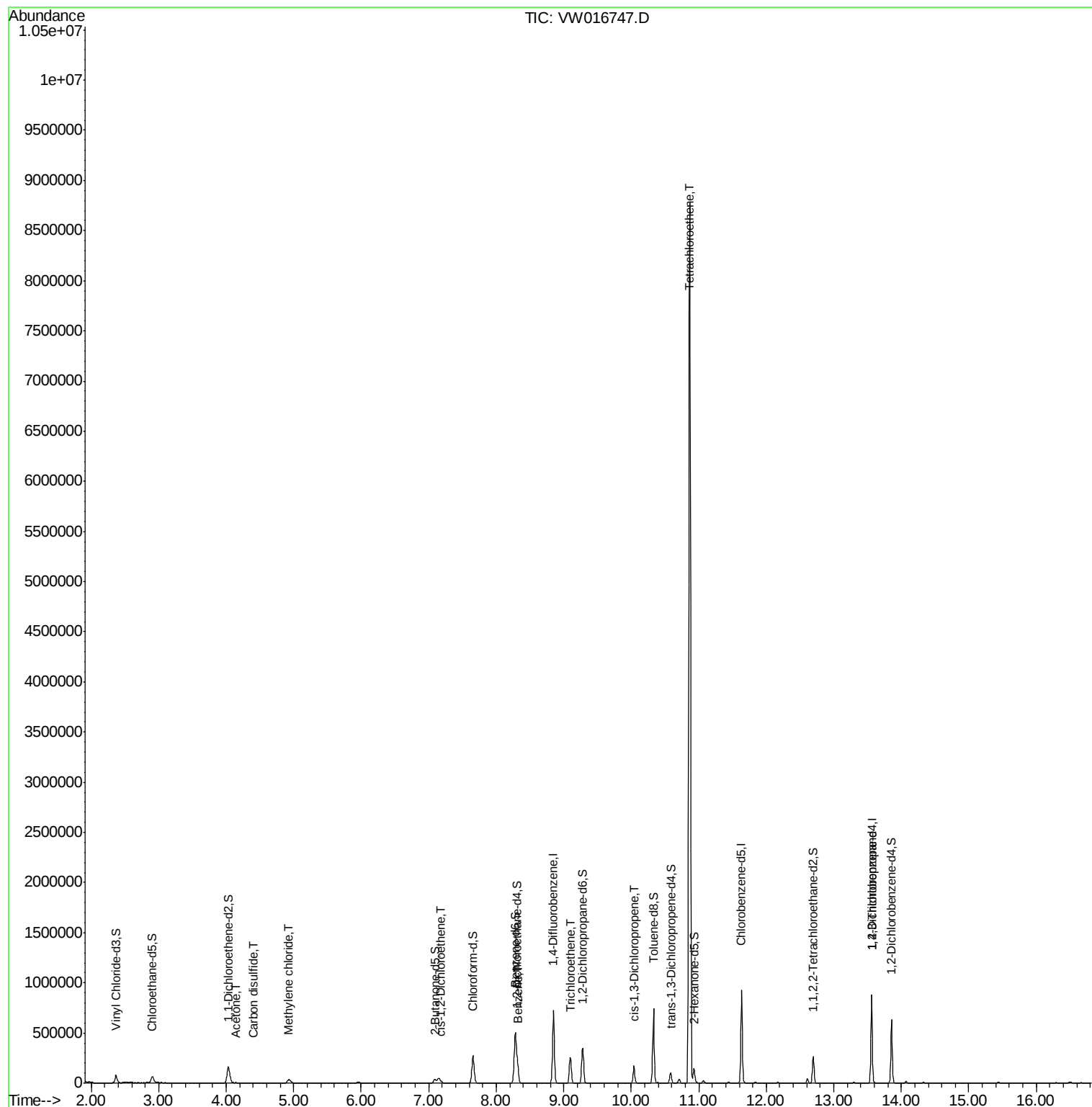
					Ovalue
13) Acetone	4.15	43	7536	5.691 ug/L	94
14) Carbon disulfide	4.40	76	9469	0.387 ug/L	96
16) Methylene chloride	4.93	84	32963	3.336 ug/L	96
22) cis-1,2-Dichloroethene	7.18	96	6305	0.723 ug/L	93
34) Benzene	8.33	78	12039	0.413 ug/L	100
35) Trichloroethene	9.10	95	89954	10.653 ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	4699	0.405 ug/L #	75
47) Tetrachloroethene	10.87	164	2015916	264.399 ug/L	86
59) 1,2,3-Trichloropropane	13.56	75	24932	5.235 ug/L	91

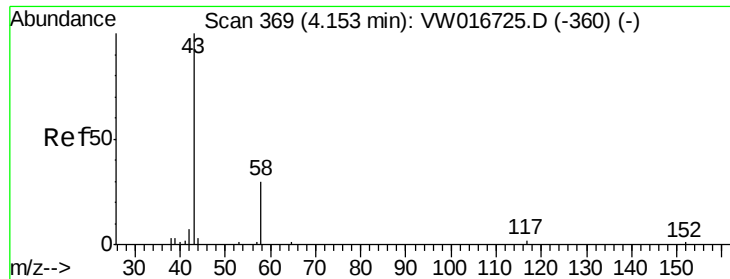
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 01 21:33:07 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.691 ug/L

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW016747.D

Acq: 01 Oct 2020 18:50

Instrument :

MSVOA_W

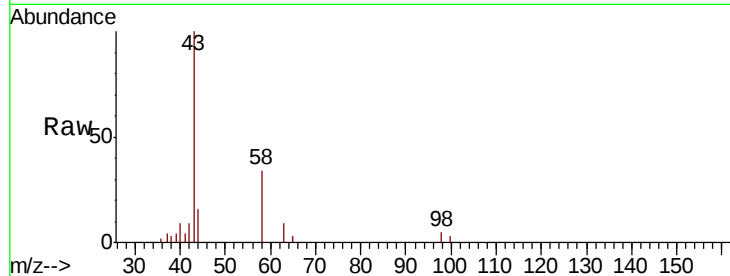
ClientSampleId :

Tot Ion: 43 Resp: 7536

Ion Ratio Lower Upper

43 100

58 33.3 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

2500

2000

1500

1000

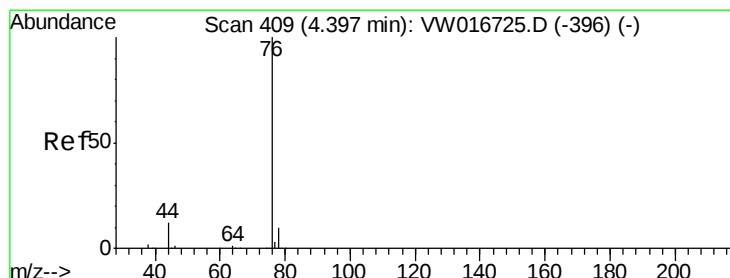
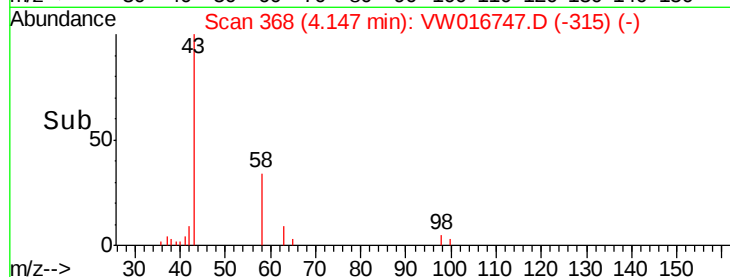
500

0

Time--> 4.00

4.10

4.20



#14

Carbon disulfide

Concen: 0.387 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.00 min

Lab File: VW016747.D

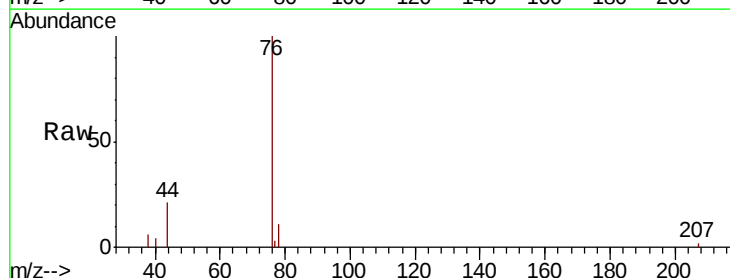
Acq: 01 Oct 2020 18:50

Tgt Ion: 76 Resp: 9469

Ion Ratio Lower Upper

76 100

78 10.6 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

4.40

3000

2000

1000

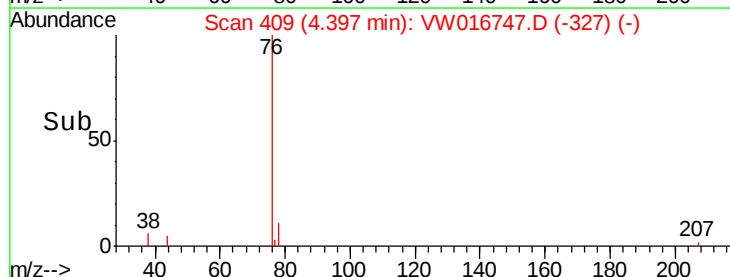
0

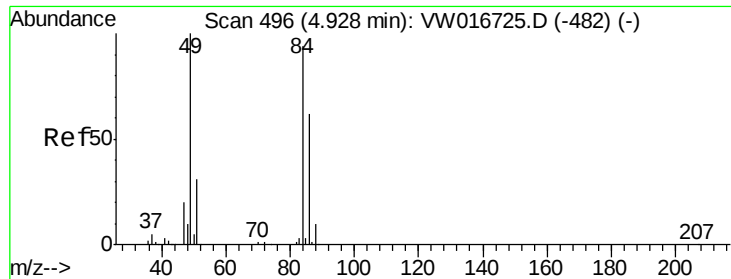
Time--> 4.30

4.35

4.40

4.45

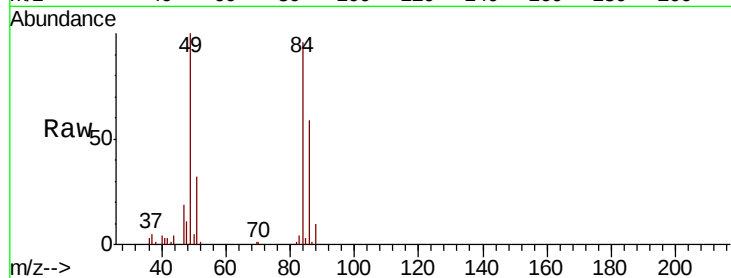




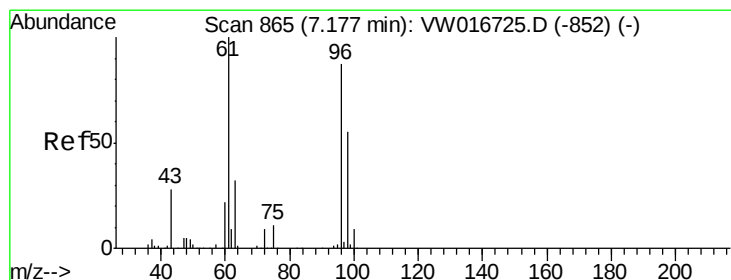
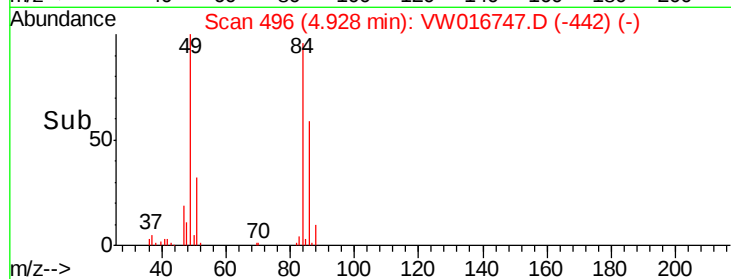
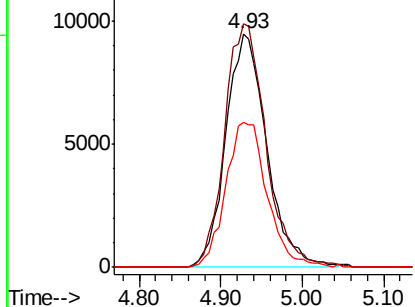
#16
Methvlene chloride
Concen: 3.336 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW016747.D
Acq: 01 Oct 2020 18:50

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 32963
Ion Ratio Lower Upper
84 100
49 104.2 76.0 141.2
86 62.0 45.6 84.6

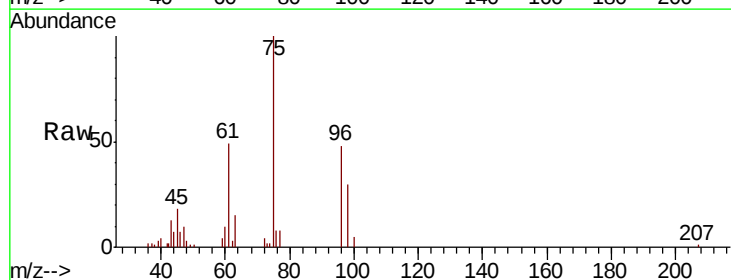


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

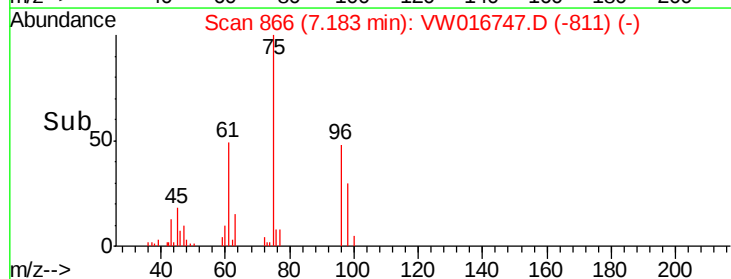
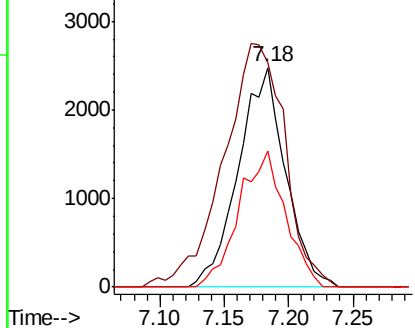


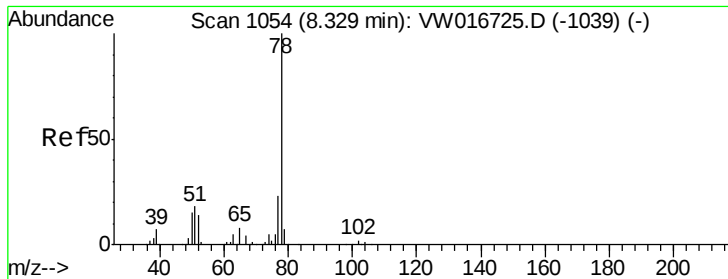
#22
cis-1,2-Dichloroethene
Concen: 0.723 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW016747.D
Acq: 01 Oct 2020 18:50

Tgt Ion: 96 Resp: 6305
Ion Ratio Lower Upper
96 100
61 102.0 78.4 145.6
98 61.9 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





#34

Benzene

Concen: 0.413 ug/L

RT: 8.33 min Scan# 1054

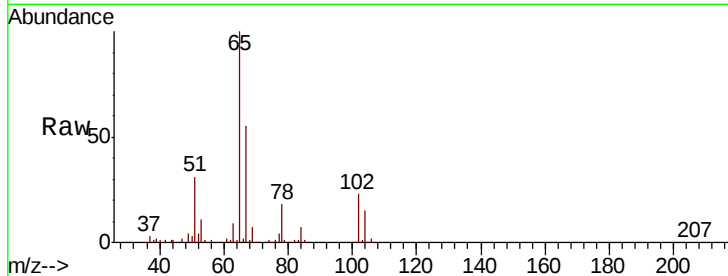
Delta R.T. 0.00 min

Lab File: VW016747.D

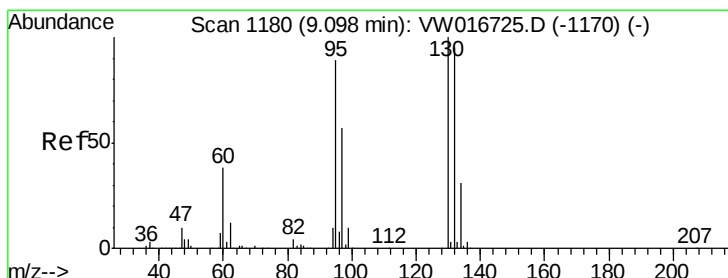
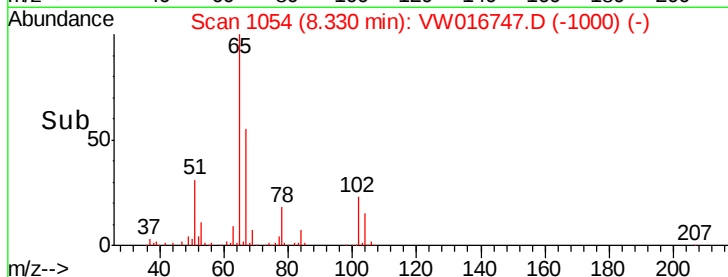
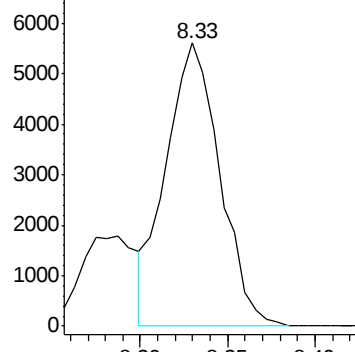
Acq: 01 Oct 2020 18:50

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 78 Resp: 12039



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 10.653 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW016747.D

Acq: 01 Oct 2020 18:50

Tgt Ion: 95 Resp: 89954

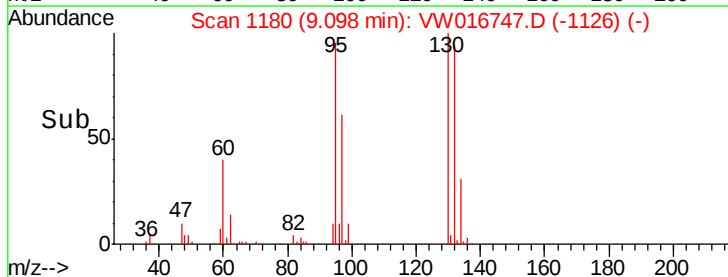
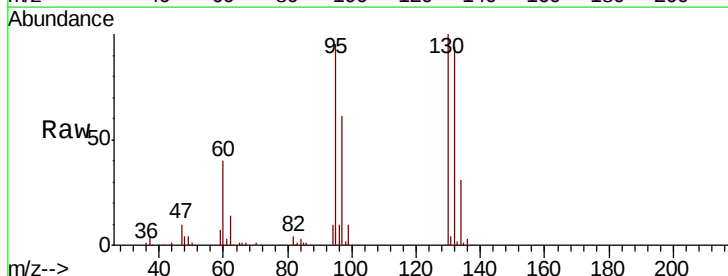
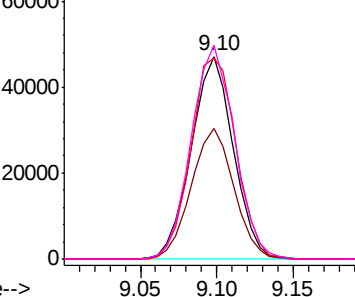
Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.2	84.0
132	106.8	73.3	136.1
130	109.1	77.5	143.9

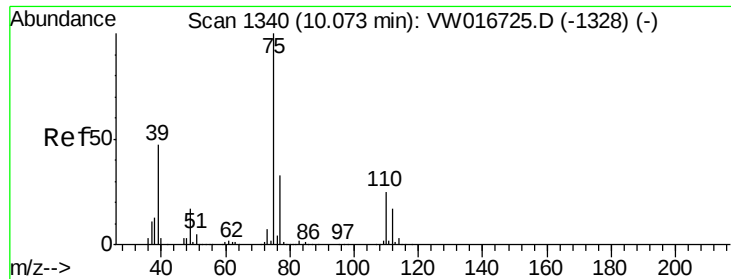
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#42

cis-1,3-Dichloropropene

Concen: 0.405 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016747.D

Acq: 01 Oct 2020 18:50

Instrument :

MSVOA_W

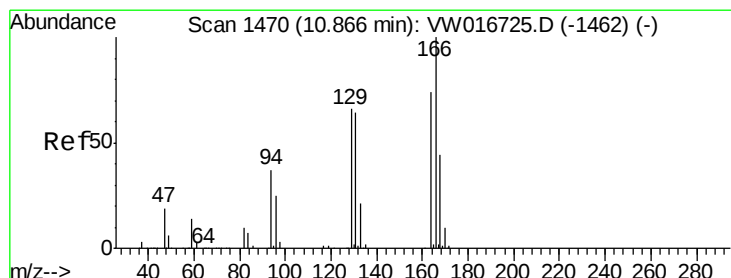
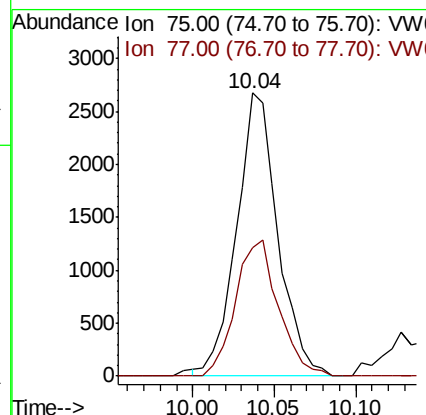
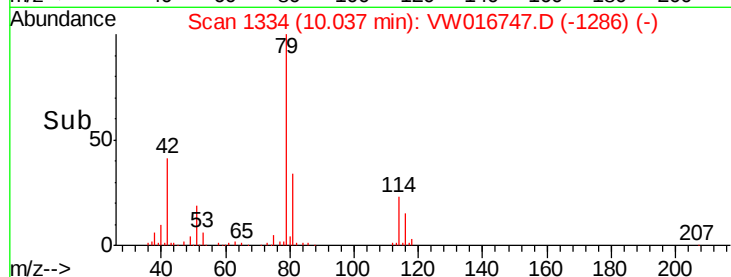
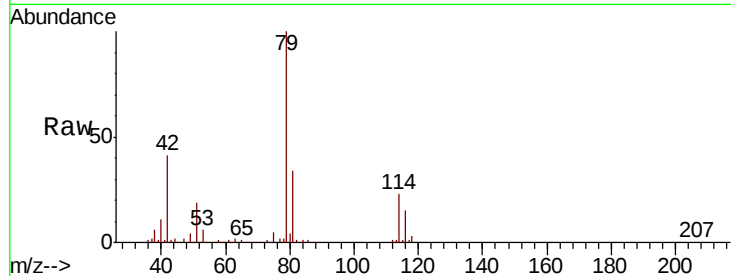
ClientSampleId :

Tot Ion: 75 Resp: 4699

Ion Ratio Lower Upper

75 100

77 45.6 22.2 41.2#



#47

Tetrachloroethene

Concen: 264.399 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016747.D

Acq: 01 Oct 2020 18:50

Tgt Ion:164 Resp: 2015916

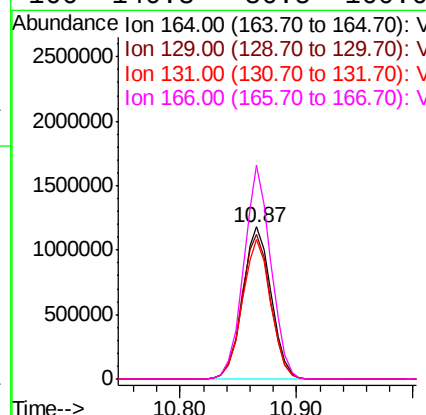
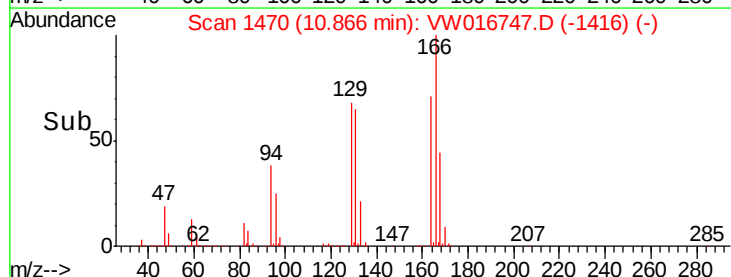
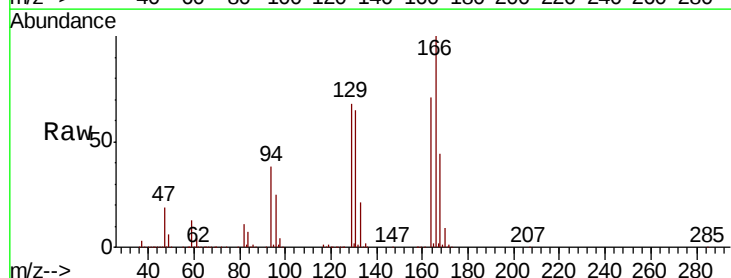
Ion Ratio Lower Upper

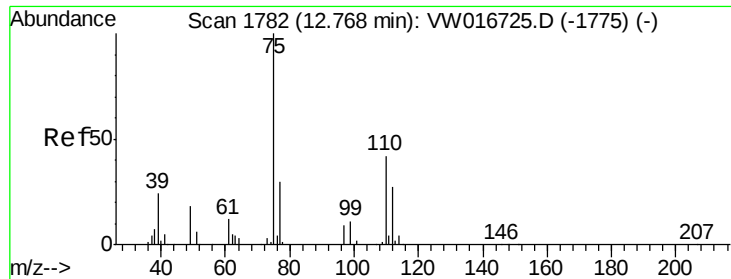
164 100

129 94.8 55.6 103.2

131 91.4 57.2 106.2

166 140.3 86.5 160.6





#59

1,2,3-Trichloropropane

Concen: 5.235 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016747.D

Acq: 01 Oct 2020 18:50

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 24932

Ion Ratio Lower Upper

75 100

77 38.0 26.2 39.4

