

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102920\
 Data File : VW017028.D
 Acq On : 29 Oct 2020 16:14
 Operator : SY/VA
 Sample : L4543-06
 Misc : 4.88G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 30 01:11:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 30 01:03:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	483148	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	438022	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	190180	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	127731	22.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.64%
7) Chloroethane-d5	2.89	69	102555	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.96%
10) 1,1-Dichloroethene-d2	4.02	63	179711	16.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.28%
20) 2-Butanone-d5	7.08	46	48726	46.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.78%
24) Chloroform-d	7.65	84	253980	22.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.16%
26) 1,2-Dichloroethane-d4	8.31	65	120520	22.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.92%
29) Benzene-d6	8.27	84	528517	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.28	67	146616	24.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.56%
37) Toluene-d8	10.33	98	497902	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.00%
38) trans-1,3-Dichloropropene-	10.58	79	54468	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.52%
39) 2-Hexanone-d5	10.93	63	39447	46.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104626	22.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	162654	24.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.32%

Target Compounds

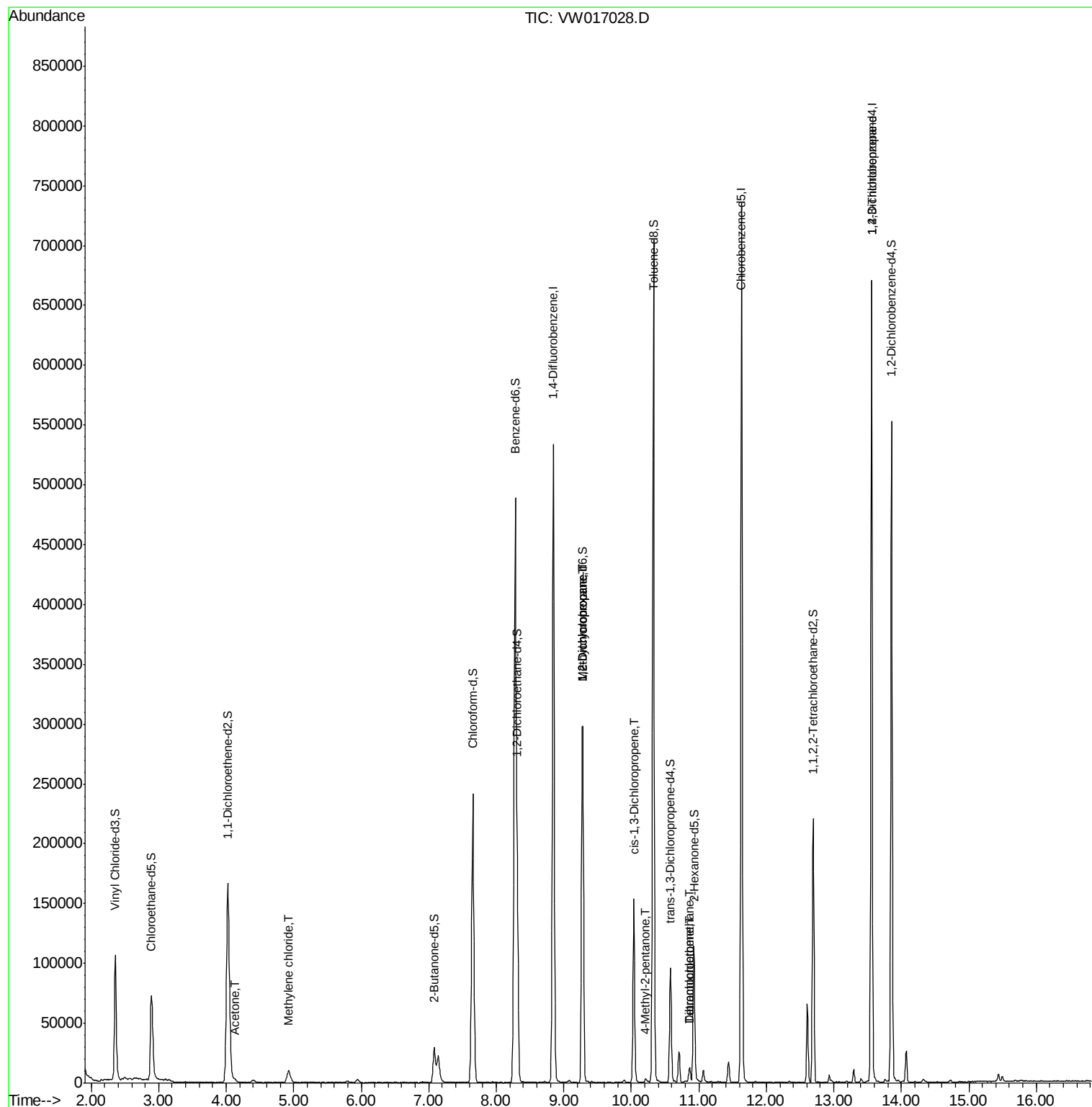
					Ovalue
13) Acetone	4.14	43	3480	4.924 ug/L	70
16) Methylene chloride	4.92	84	9611	1.505 ug/L	97
36) Methylcyclohexane	9.27	83	38309	3.404 ug/L #	22
40) 1,2-Dichloropropane	9.27	63	15562	2.880 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3841	0.455 ug/L #	71
43) 4-Methyl-2-pentanone	10.21	43	2561	1.000 ug/L #	90
47) Tetrachloroethene	10.87	164	2959	0.480 ug/L	88
50) Dibromochloromethane	10.87	129	2846	0.540 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	19628	5.908 ug/L	91

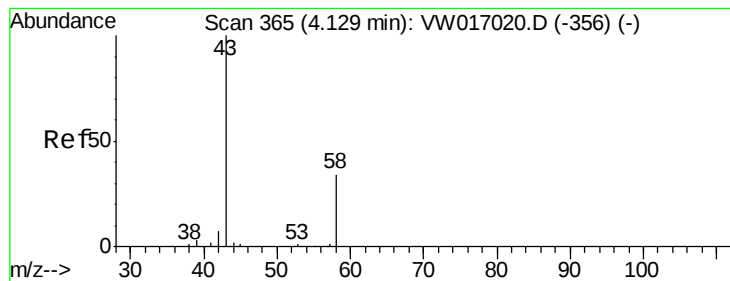
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Oct 30 01:03:22 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.924 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017028.D

Acq: 29 Oct 2020 16:14

Instrument :

MSVOA_W

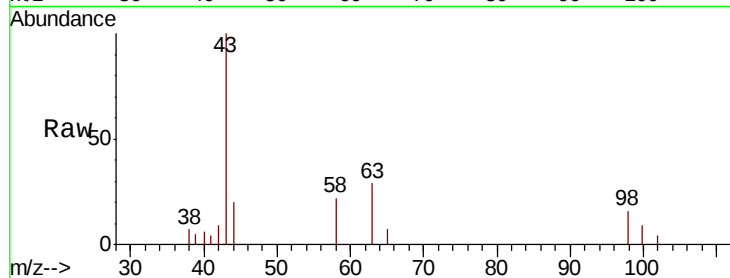
ClientSampled :

Tot Ion: 43 Resp: 3480

Ion Ratio Lower Upper

43 100

58 17.5 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

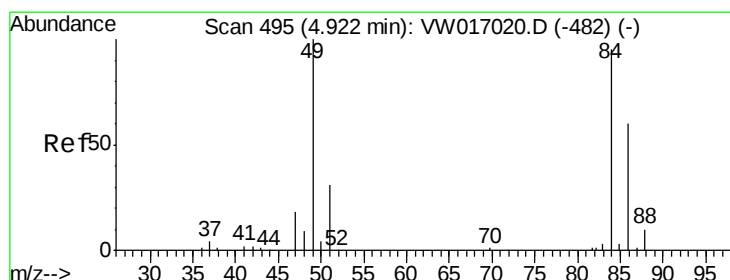
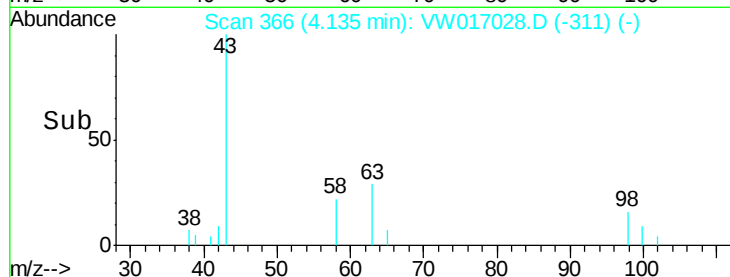
1500

1000

500

0

Time-->



#16

Methylene chloride

Concen: 1.505 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW017028.D

Acq: 29 Oct 2020 16:14

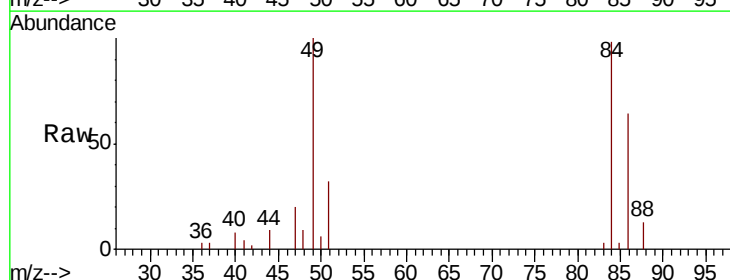
Tgt Ion: 84 Resp: 9611

Ion Ratio Lower Upper

84 100

49 101.7 73.8 137.0

86 65.6 47.4 88.0



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

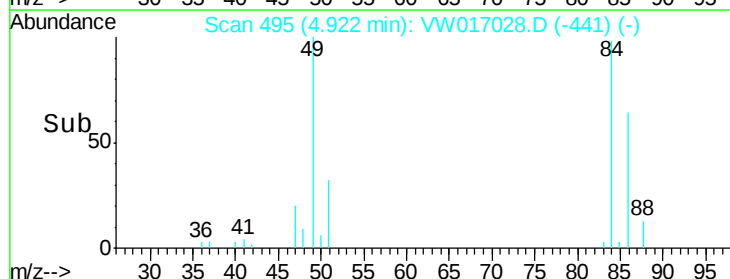
3000

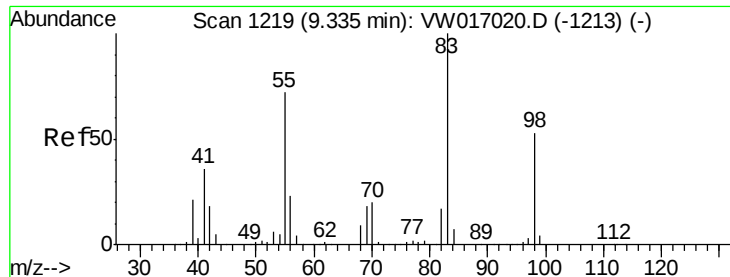
2000

1000

0

Time-->

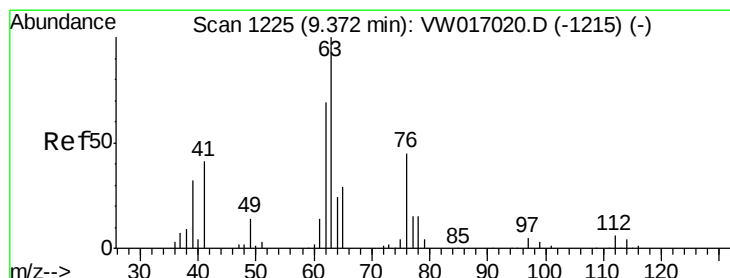
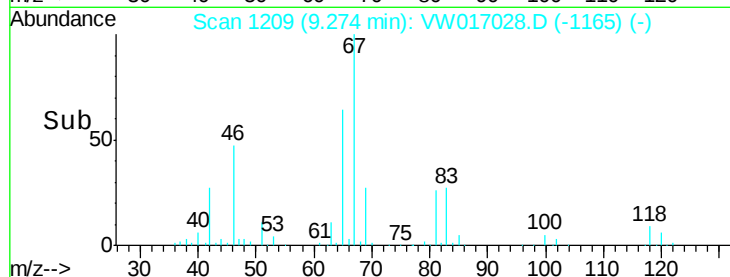
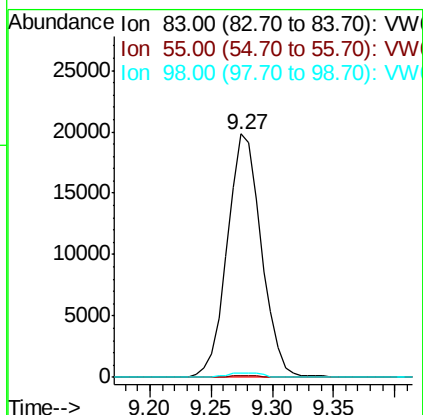
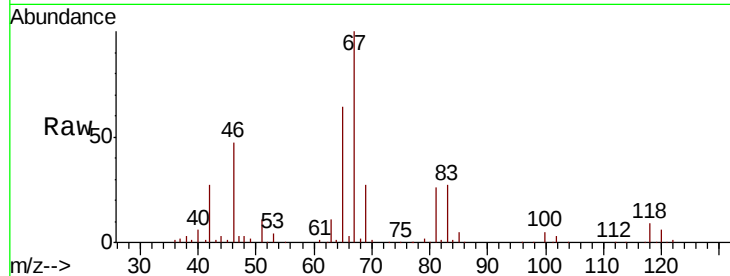




#36
Methylcyclohexane
Concen: 3.404 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017028.D
Acq: 29 Oct 2020 16:14

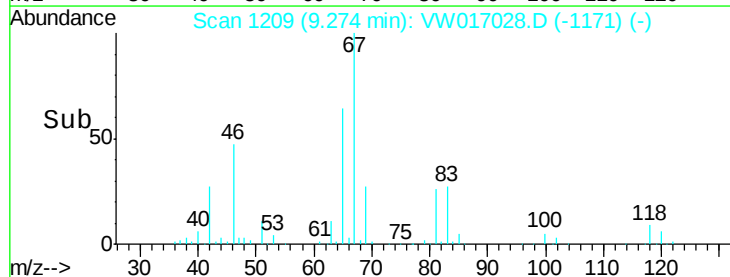
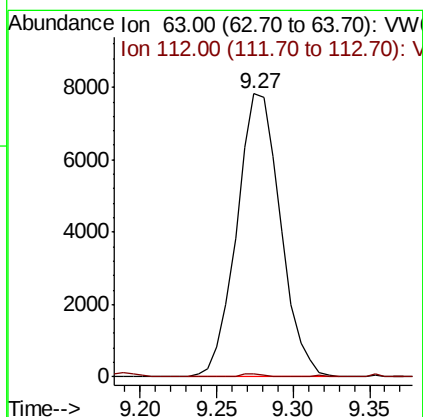
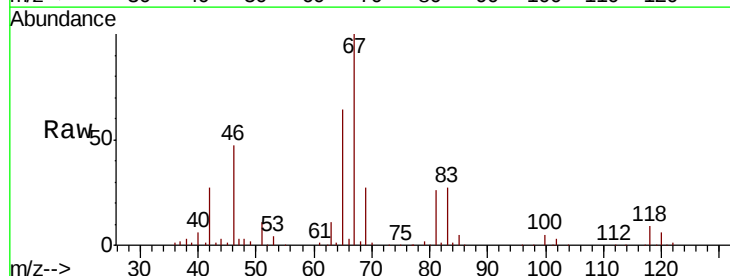
Instrument :
MSVOA_W
ClientSampled :

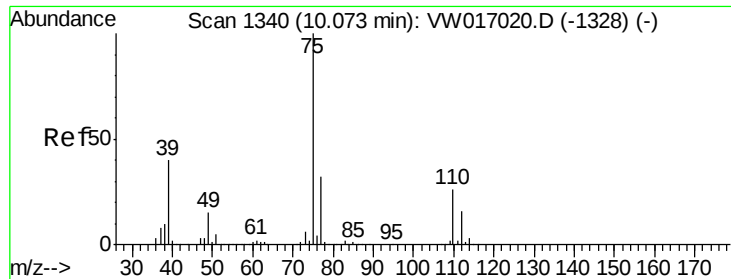
Tot Ion: 83 Resp: 38309
Ion Ratio Lower Upper
83 100
55 0.5 54.5 81.7#
98 1.2 40.8 61.2#



#40
1,2-Dichloropropane
Concen: 2.880 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW017028.D
Acq: 29 Oct 2020 16:14

Tgt Ion: 63 Resp: 15562
Ion Ratio Lower Upper
63 100
112 0.5 4.5 6.7#





#42

cis-1,3-Dichloropropene

Concen: 0.455 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017028.D

Acq: 29 Oct 2020 16:14

Instrument :

MSVOA_W

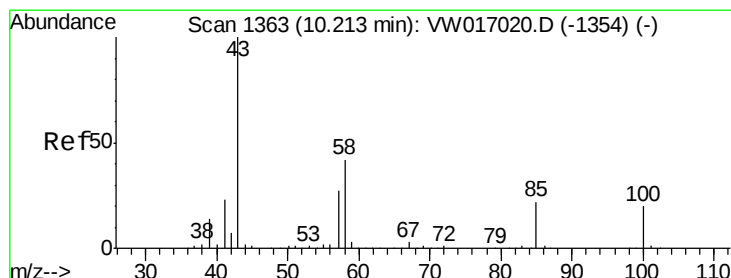
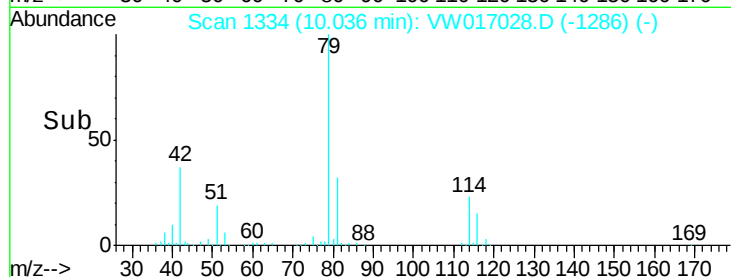
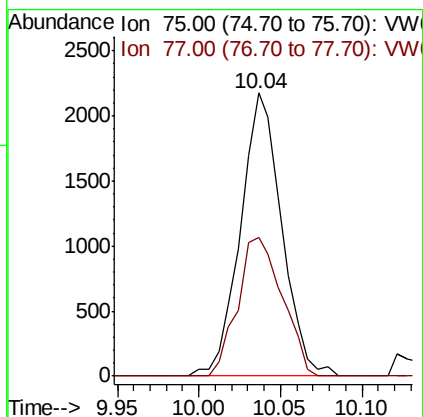
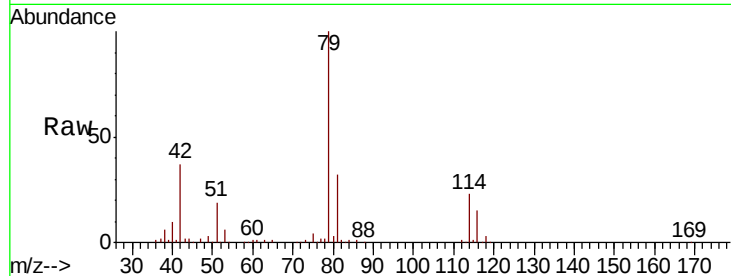
ClientSampleId :

Tot Ion: 75 Resp: 3841

Ion Ratio Lower Upper

75 100

77 48.9 22.7 42.1#



#43

4-Methyl-2-pentanone

Concen: 1.000 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW017028.D

Acq: 29 Oct 2020 16:14

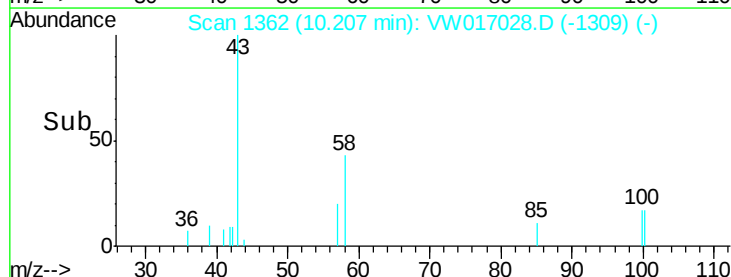
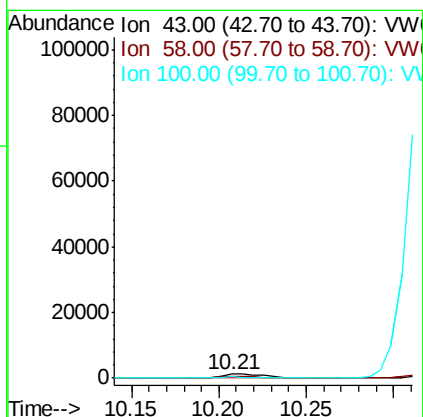
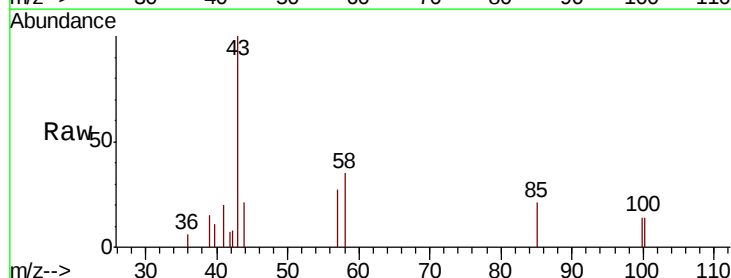
Tgt Ion: 43 Resp: 2561

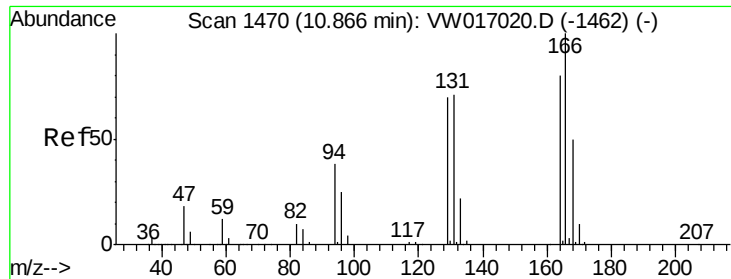
Ion Ratio Lower Upper

43 100

58 39.9 34.4 51.6

100 10.9 16.2 24.2#





#47

Tetrachloroethene

Concen: 0.480 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017028.D

Acq: 29 Oct 2020 16:14

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 2959

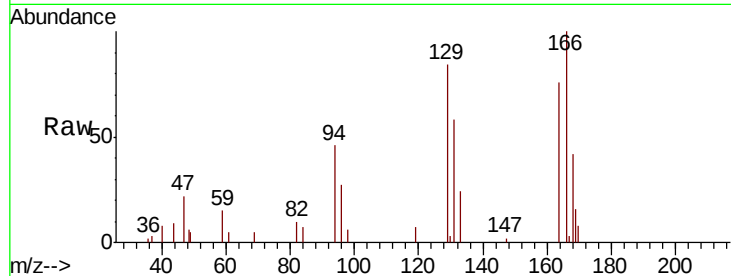
Ion Ratio Lower Upper

164 100

129 114.5 64.0 119.0

131 75.8 61.7 114.5

166 131.3 94.6 175.8

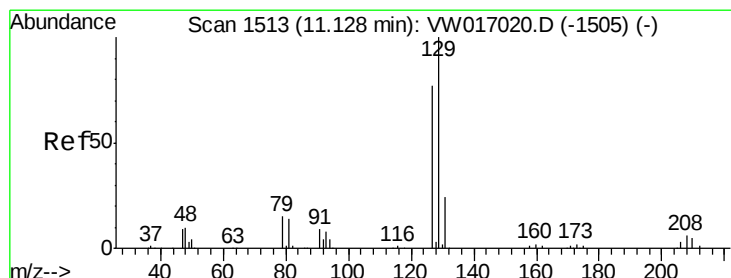
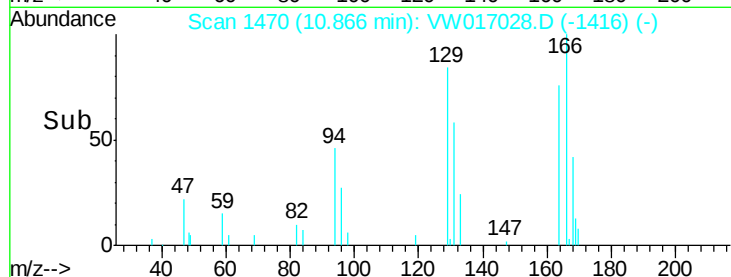
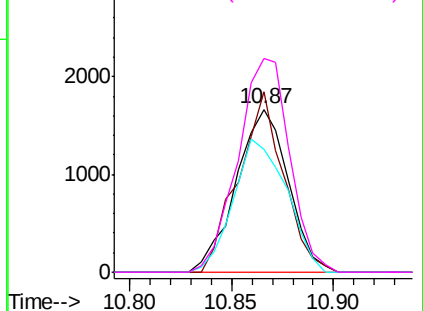


Abundance Ion 164.00 (163.70 to 164.70): V

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: 0.540 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW017028.D

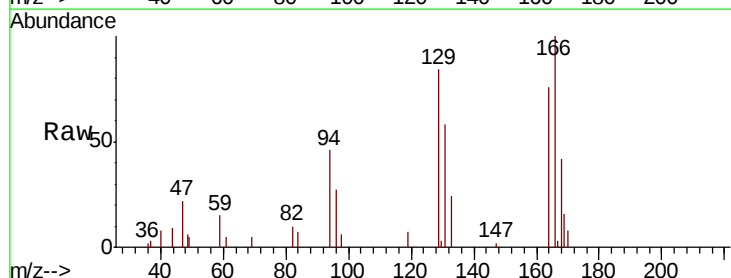
Acq: 29 Oct 2020 16:14

Tgt Ion:129 Resp: 2846

Ion Ratio Lower Upper

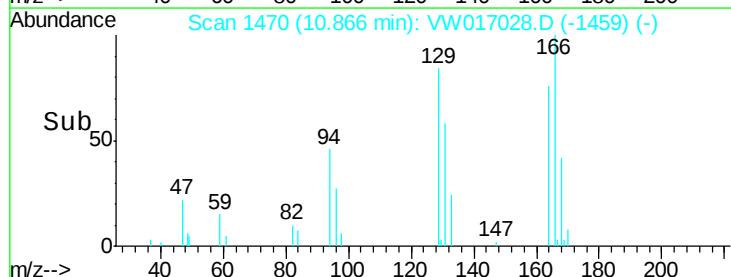
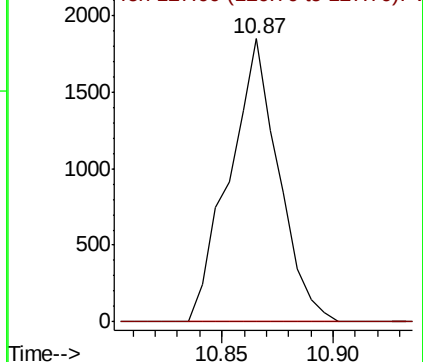
129 100

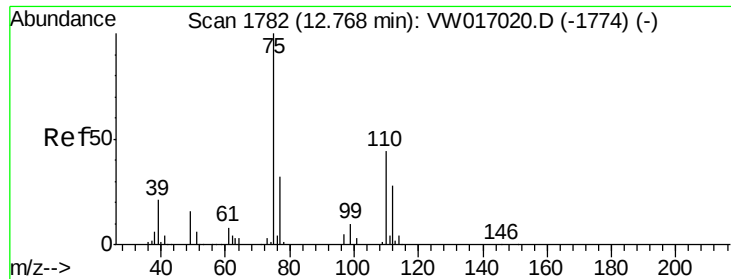
127 0.0 55.4 102.8#



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: 5.908 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017028.D

Acq: 29 Oct 2020 16:14

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 19628

Ion Ratio Lower Upper

75 100

77 37.4 25.8 38.8

