

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101620\
 Data File : VW016908.D
 Acq On : 15 Oct 2020 13:03
 Operator : SY/VA
 Sample : VW1016SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK29

Quant Time: Oct 16 08:14:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:07:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	538444	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	477824	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	220472	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117092	22.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.16%
7) Chloroethane-d5	2.90	69	99090	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.96%
10) 1,1-Dichloroethene-d2	4.03	63	184601	16.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.48%
20) 2-Butanone-d5	7.09	46	47591	39.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.12%
24) Chloroform-d	7.65	84	268669	23.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	8.31	65	125867	22.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.76%
29) Benzene-d6	8.27	84	534615	24.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.52%
33) 1,2-Dichloropropane-d6	9.28	67	146885	25.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.76%
37) Toluene-d8	10.33	98	504686	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.60%
38) trans-1,3-Dichloropropene-	10.58	79	55150	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.76%
39) 2-Hexanone-d5	10.93	63	38661	42.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104106	22.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	180798	25.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.40%

Target Compounds

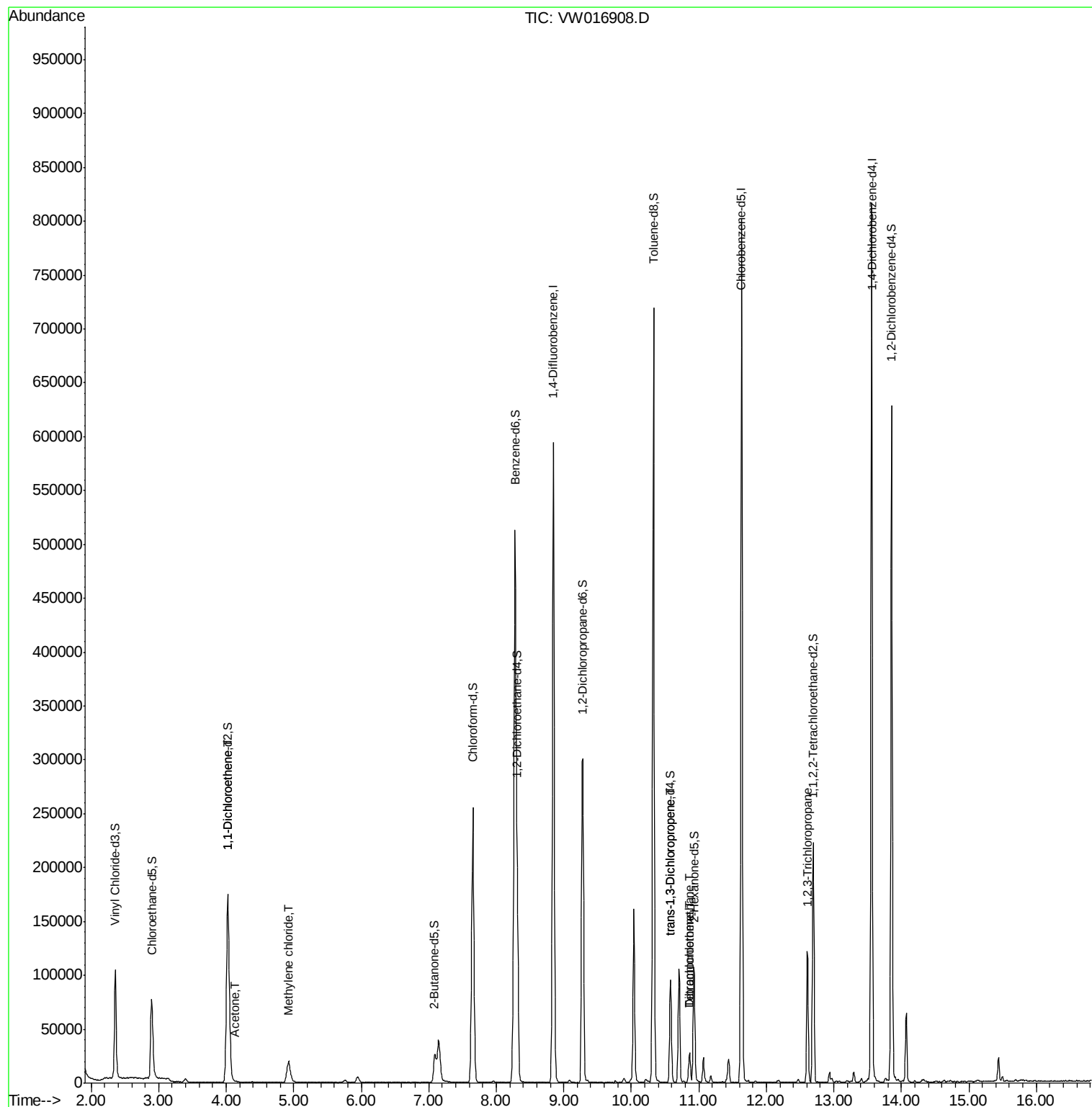
					Ovalue
12) 1,1-Dichloroethene	4.02	96	1819	0.261 ug/L #	1
13) Acetone	4.14	43	492	0.540 ug/L	48
16) Methylene chloride	4.92	84	9223	1.241 ug/L	93
45) trans-1,3-Dichloropropene	10.58	75	2560	0.329 ug/L	88
47) Tetrachloroethene	10.87	164	6020	0.895 ug/L	91
50) Dibromochloromethane	10.87	129	5312	0.906 ug/L #	11
59) 1,2,3-Trichloropropane	12.61	75	1209	0.320 ug/L	97

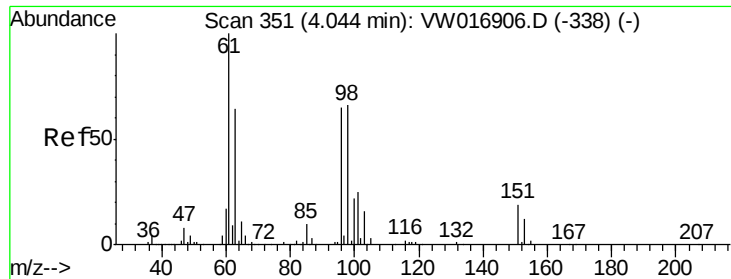
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101620\
Data File : VW016908.D
Acq On : 15 Oct 2020 13:03
Operator : SY/VA
Sample : VW1016SBL01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK29

Quant Time: Oct 16 08:14:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 16 08:07:29 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.261 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

Lab File: VW016908.D

Acq: 15 Oct 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

VBLK29

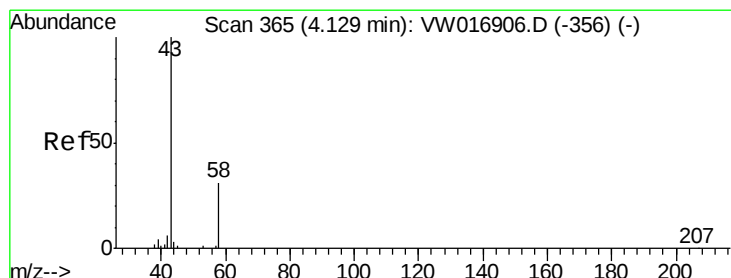
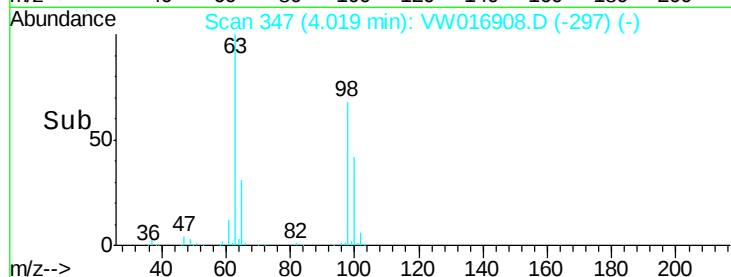
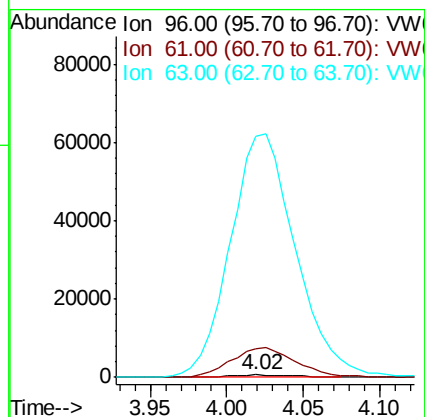
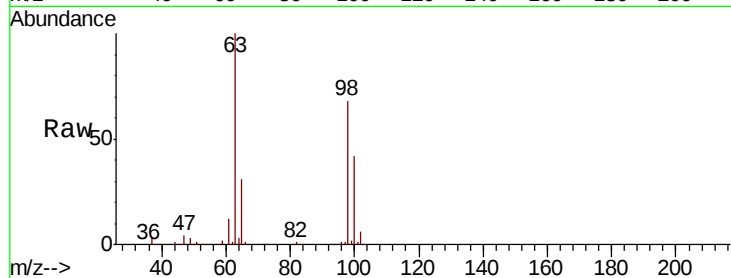
Tot Ion: 96 Resp: 1819

Ion Ratio Lower Upper

96 100

61 1162.3 105.1 195.1#

63 9896.6 69.9 129.7#



#13

Acetone

Concen: 0.540 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW016908.D

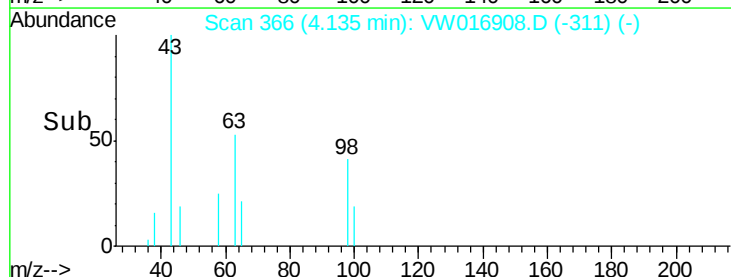
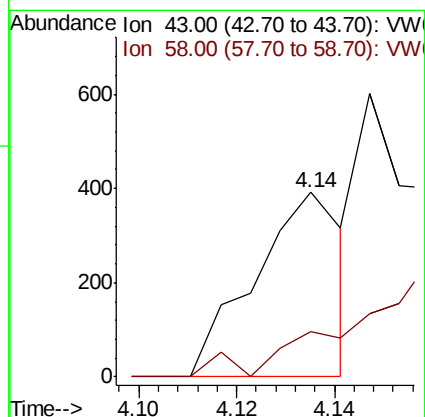
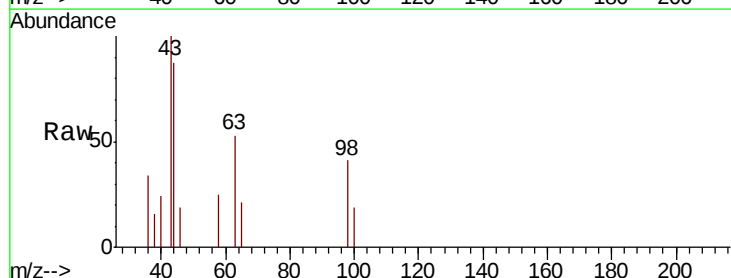
Acq: 15 Oct 2020 13:03

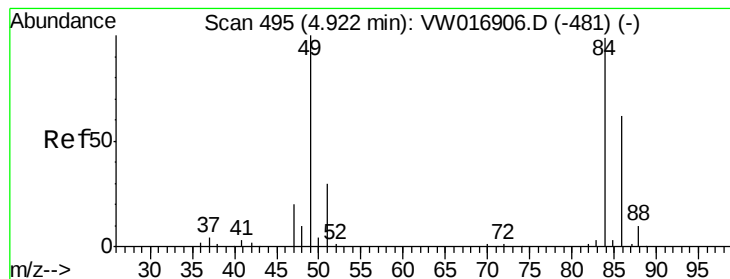
Tgt Ion: 43 Resp: 492

Ion Ratio Lower Upper

43 100

58 3.9 0.0 67.6





#16

Methylene chloride

Concen: 1.241 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW016908.D

Acq: 15 Oct 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

VBLK29

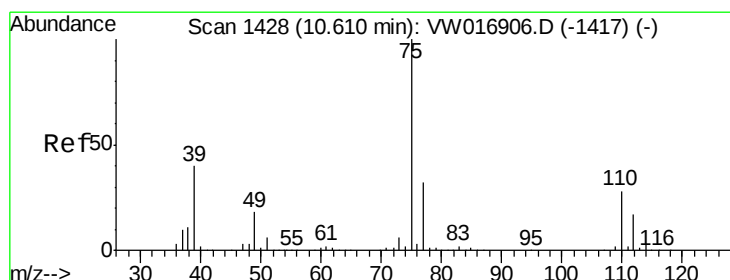
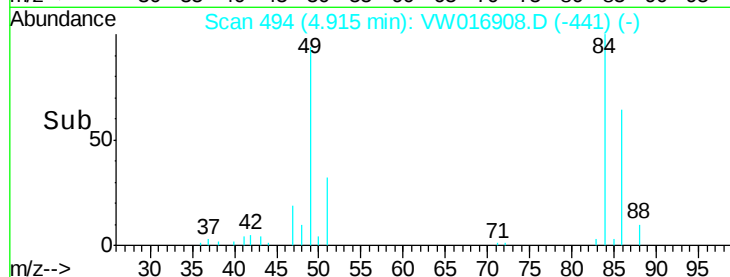
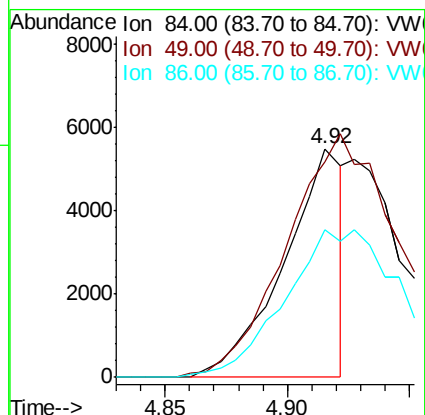
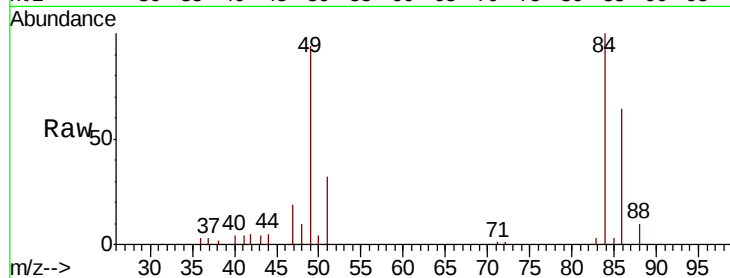
Tot Ion: 84 Resp: 9223

Ion Ratio Lower Upper

84 100

49 93.9 73.1 135.8

86 64.5 46.0 85.4



#45

trans-1,3-Dichloropropene

Concen: 0.329 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016908.D

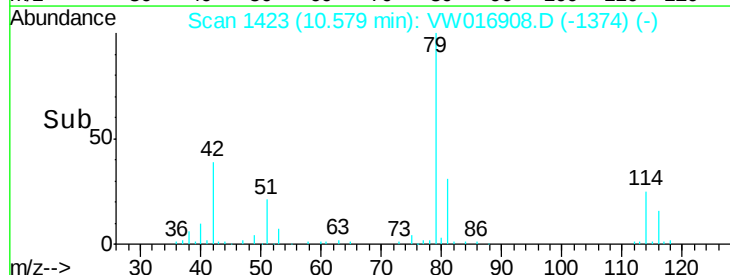
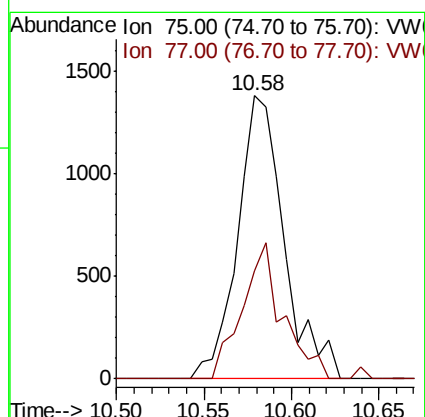
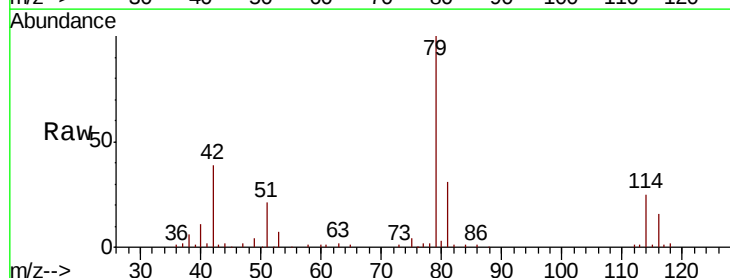
Acq: 15 Oct 2020 13:03

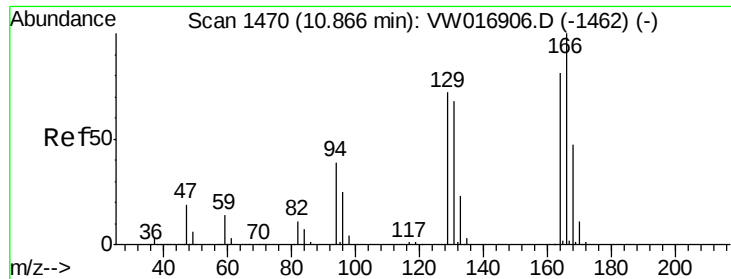
Tgt Ion: 75 Resp: 2560

Ion Ratio Lower Upper

75 100

77 38.2 22.2 41.2

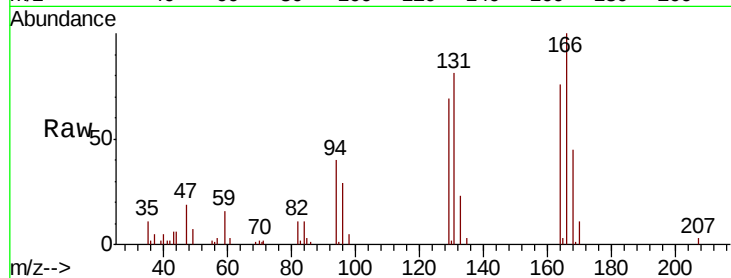




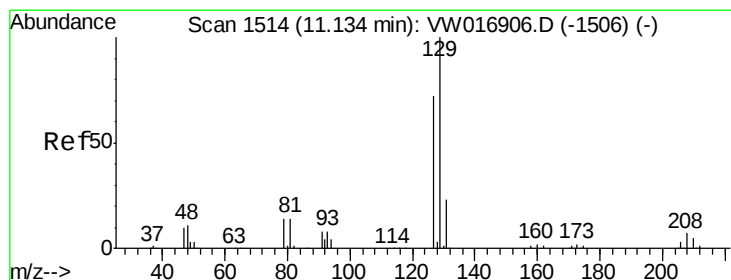
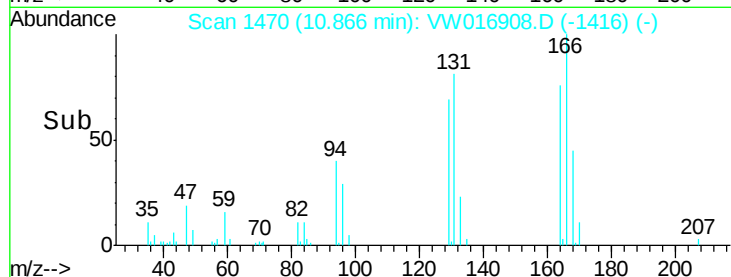
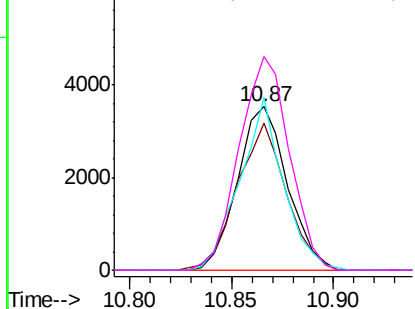
#47
Tetrachloroethene
Concen: 0.895 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016908.D
Acq: 15 Oct 2020 13:03

Instrument :
MSVOA_W
ClientSampleId :
VBLK29

Tot Ion:164 Resp: 6020
Ion Ratio Lower Upper
164 100
129 90.4 61.7 114.7
131 105.8 59.7 110.9
166 130.7 88.3 164.1

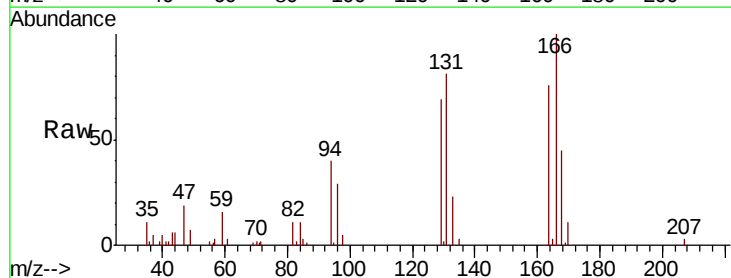


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

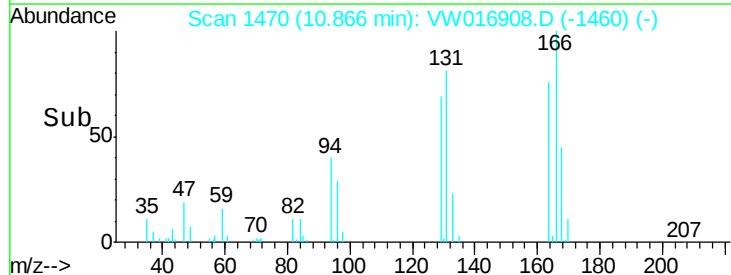
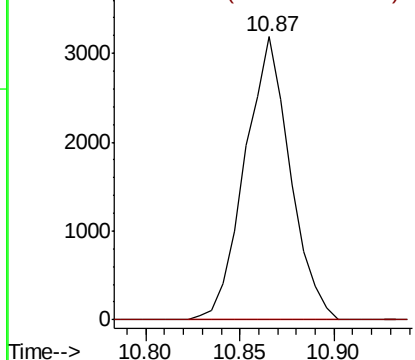


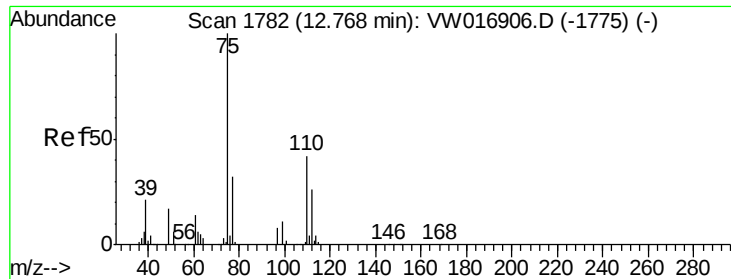
#50
Dibromochloromethane
Concen: 0.906 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.27 min
Lab File: VW016908.D
Acq: 15 Oct 2020 13:03

Tgt Ion:129 Resp: 5312
Ion Ratio Lower Upper
129 100
127 0.0 54.0 100.4#



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: 0.320 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW016908.D

Acq: 15 Oct 2020 13:03

Instrument :

MSVOA_W

ClientSampleId :

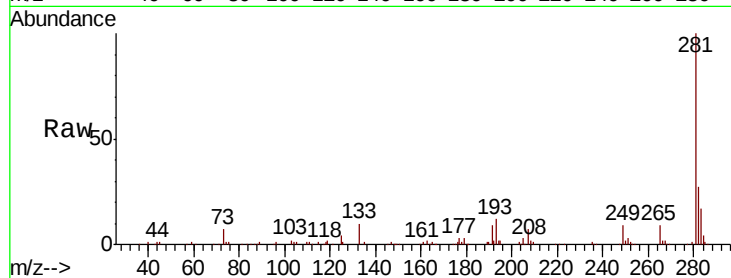
VBLK29

Tot Ion: 75 Resp: 1209

Ion Ratio Lower Upper

75 100

77 34.2 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

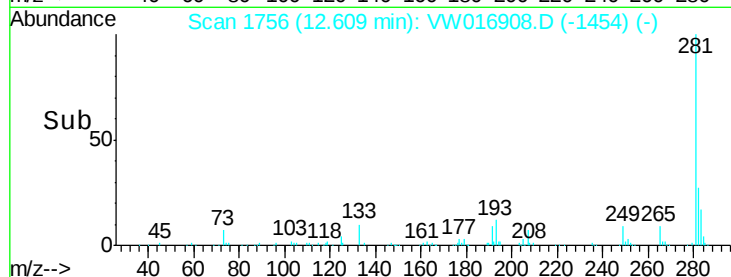
12.61

600

400

200

0



Time--> 12.55 12.60 12.65