

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016818.D
 Acq On : 07 Oct 2020 01:27
 Operator : SY/VA
 Sample : L4254-13
 Misc : 5.73G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3T6

Quant Time: Oct 07 03:15:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	588378	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	525756	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	220150	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	156964	27.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.16%
7) Chloroethane-d5	2.89	69	130302	26.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.04%
10) 1,1-Dichloroethene-d2	4.03	63	221260	17.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.80%
20) 2-Butanone-d5	7.08	46	71655	54.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.00%
24) Chloroform-d	7.65	84	333595	26.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.48%
26) 1,2-Dichloroethane-d4	8.31	65	169991	28.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.40%
29) Benzene-d6	8.27	84	675260	28.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.12%
33) 1,2-Dichloropropane-d6	9.27	67	185924	28.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.88%
37) Toluene-d8	10.32	98	637543	28.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.20%
38) trans-1,3-Dichloropropene-	10.58	79	72976	25.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.12%
39) 2-Hexanone-d5	10.93	63	59014	59.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144006	27.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	199915	28.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.52%

Target Compounds

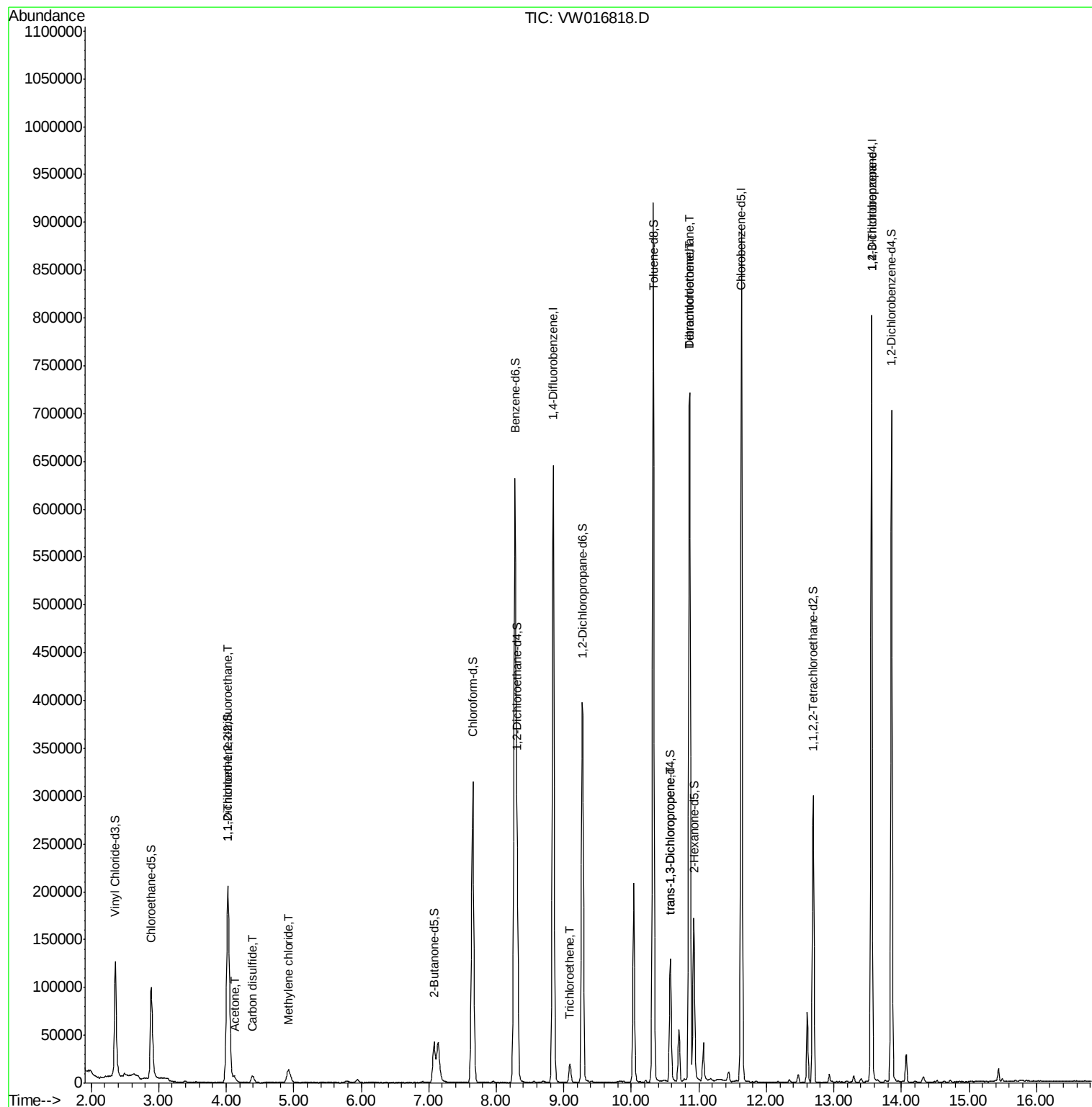
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2731	0.345	ug/L #	17
13) Acetone	4.12	43	6131	6.162	ug/L	61
14) Carbon disulfide	4.39	76	15634	0.717	ug/L	96
16) Methylene chloride	4.92	84	13337	1.642	ug/L	91
35) Trichloroethene	9.09	95	6126	0.767	ug/L	98
45) trans-1,3-Dichloropropene	10.58	75	3470	0.405	ug/L	91
47) Tetrachloroethene	10.87	164	176271	23.807	ug/L	96
50) Dibromochloromethane	10.86	129	160118	24.817	ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	22162	5.334	ug/L	90

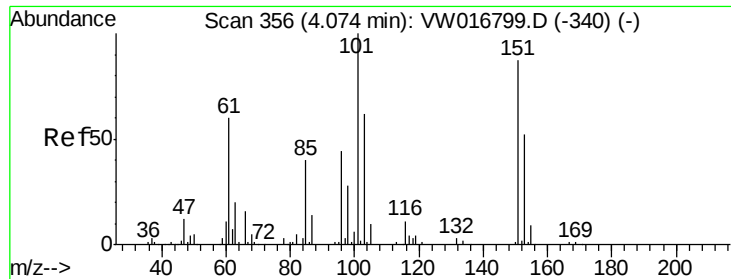
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 07 03:05:19 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.345 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.04 min

Lab File: VW016818.D

Acq: 07 Oct 2020 01:27

Instrument :

MSVOA_W

ClientSampleId :

BG3T6

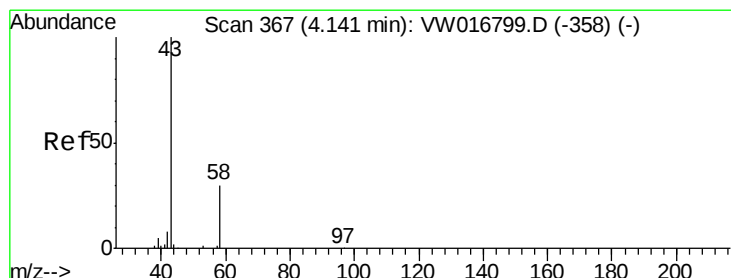
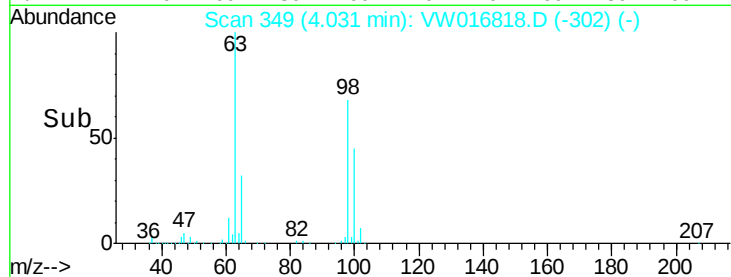
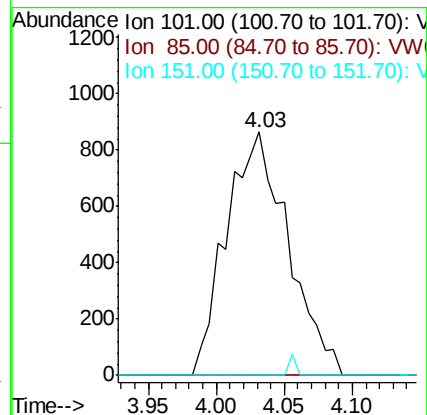
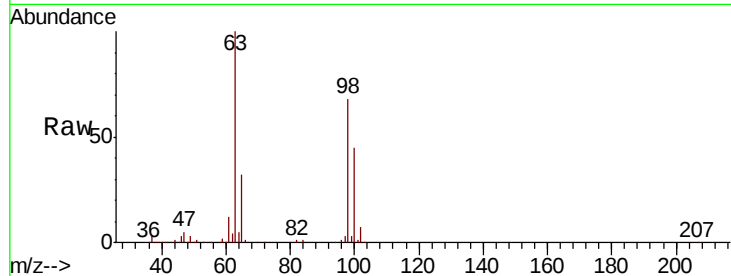
Tot Ion:101 Resp: 2731

Ion Ratio Lower Upper

101 100

85 0.0 31.7 47.5#

151 0.0 66.6 99.8#



#13

Acetone

Concen: 6.162 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016818.D

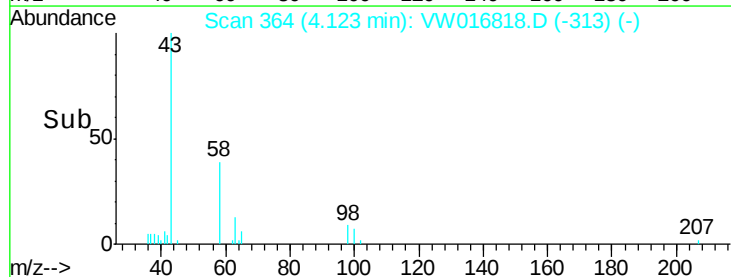
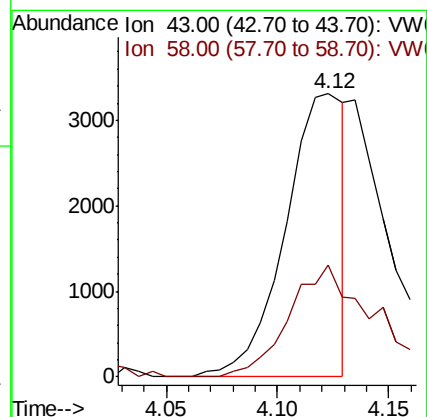
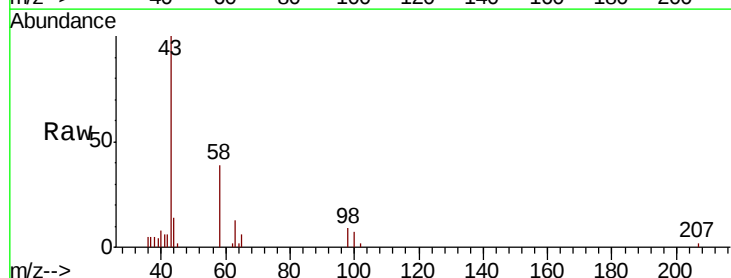
Acq: 07 Oct 2020 01:27

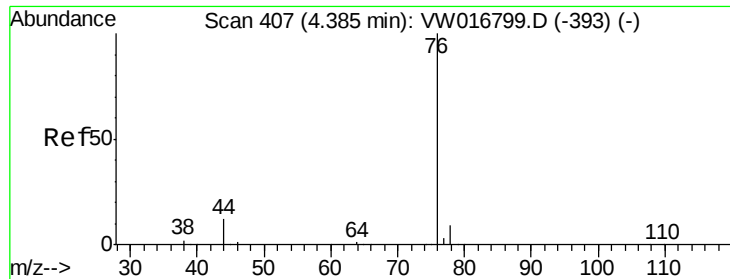
Tgt Ion: 43 Resp: 6131

Ion Ratio Lower Upper

43 100

58 56.0 0.0 67.6

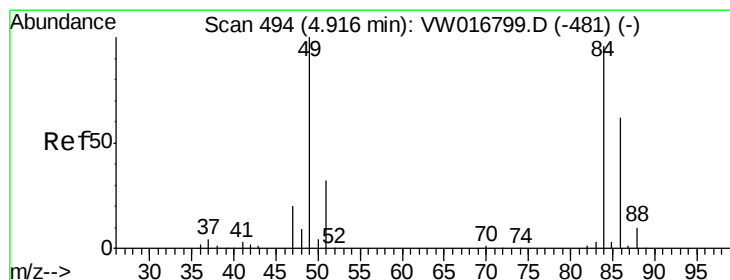
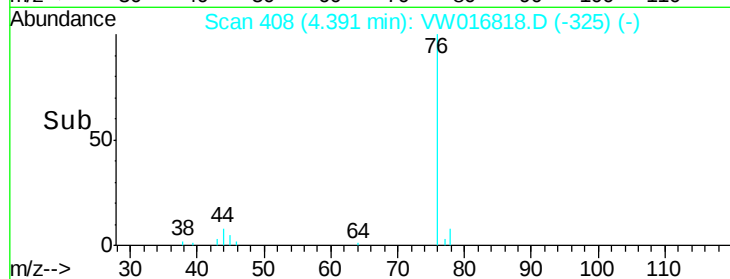
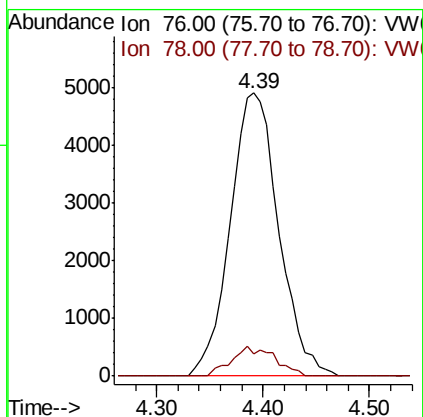
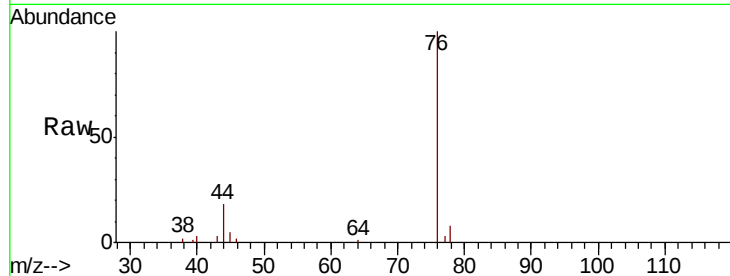




#14
Carbon disulfide
Concen: 0.717 ug/L
RT: 4.39 min Scan# 408
Delta R.T. 0.01 min
Lab File: VW016818.D
Acq: 07 Oct 2020 01:27

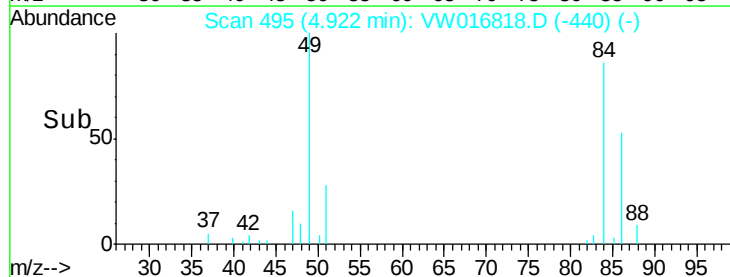
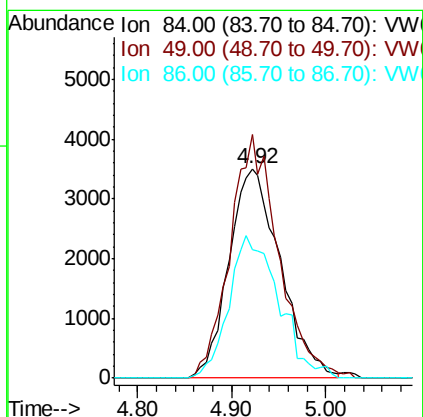
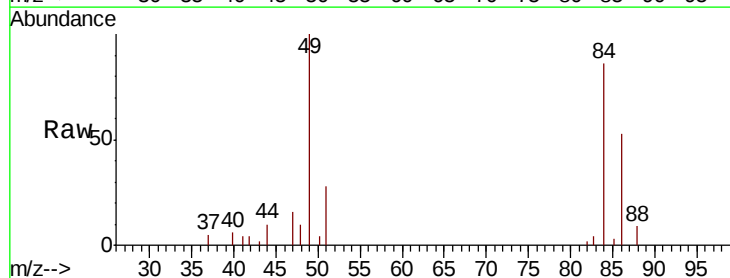
Instrument :
MSVOA_W
ClientSampled :
BG3T6

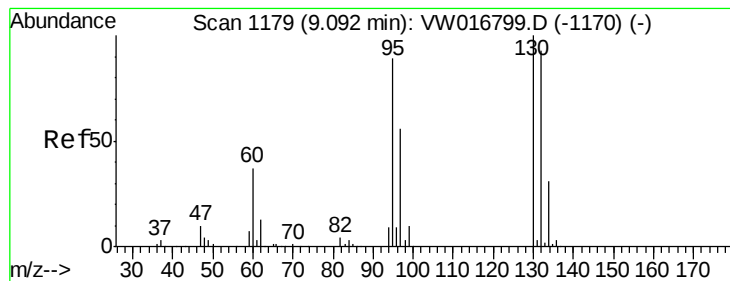
Tot Ion: 76 Resp: 15634
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0



#16
Methylene chloride
Concen: 1.642 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016818.D
Acq: 07 Oct 2020 01:27

Tgt Ion: 84 Resp: 13337
Ion Ratio Lower Upper
84 100
49 116.2 73.1 135.8
86 61.3 46.0 85.4





#35

Trichloroethene

Concen: 0.767 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW016818.D

Acq: 07 Oct 2020 01:27

Instrument :

MSVOA_W

ClientSampled :

BG3T6

Tot Ion: 95 Resp: 6126

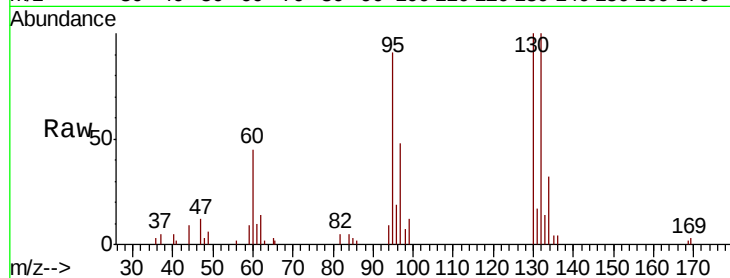
Ion Ratio Lower Upper

95 100

97 64.5 44.7 83.1

132 103.6 73.8 137.2

130 106.8 77.1 143.3

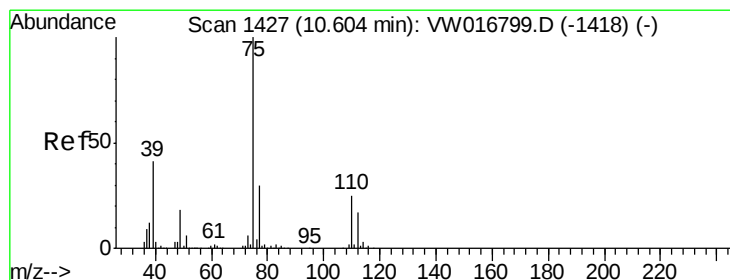
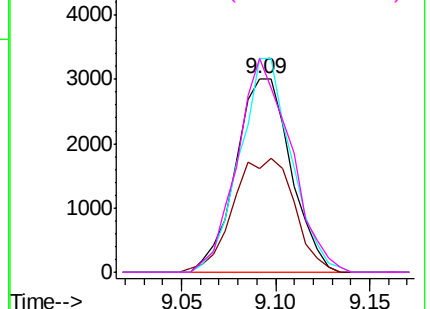
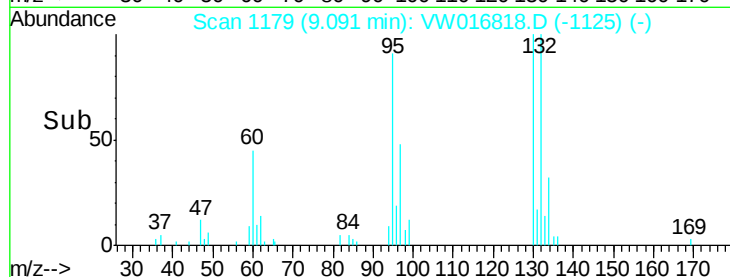


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.405 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW016818.D

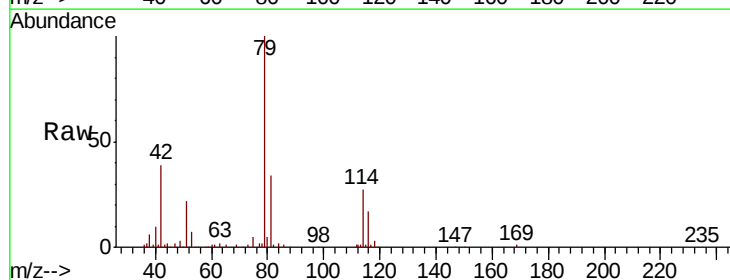
Acq: 07 Oct 2020 01:27

Tgt Ion: 75 Resp: 3470

Ion Ratio Lower Upper

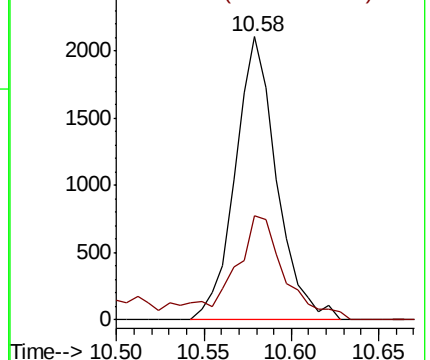
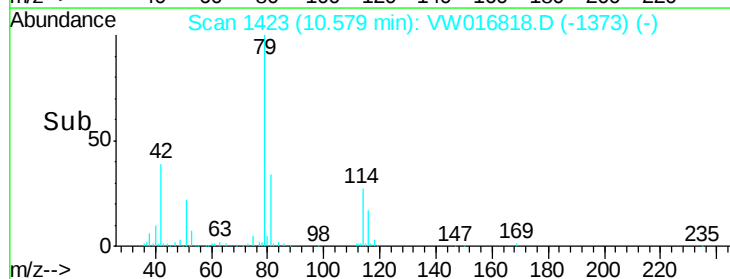
75 100

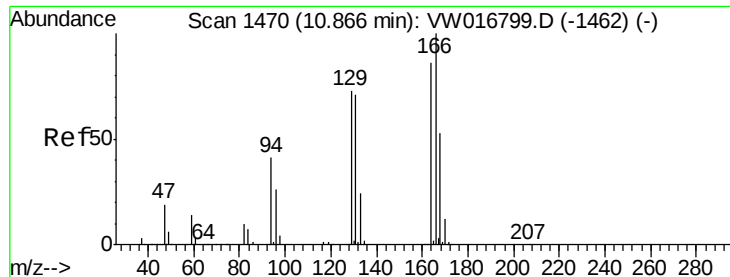
77 36.8 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

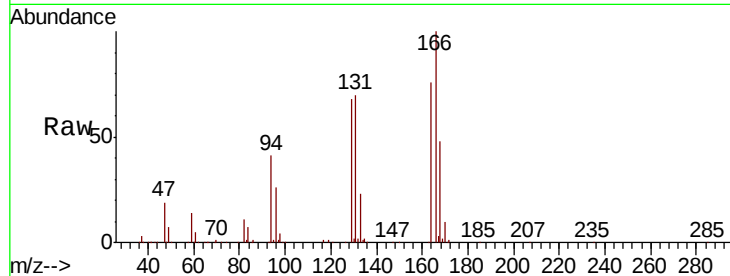




#47
Tetrachloroethene
Concen: 23.807 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016818.D
Acq: 07 Oct 2020 01:27

Instrument :
MSVOA_W
ClientSampleId :
BG3T6

Tot Ion	Ratio	Lower	Upper
164	100		
129	89.0	61.7	114.7
131	91.5	59.7	110.9
166	131.5	88.3	164.1

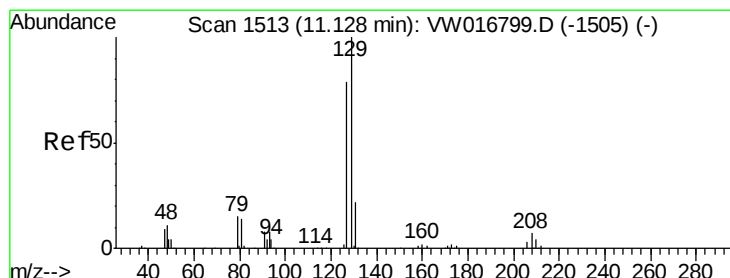
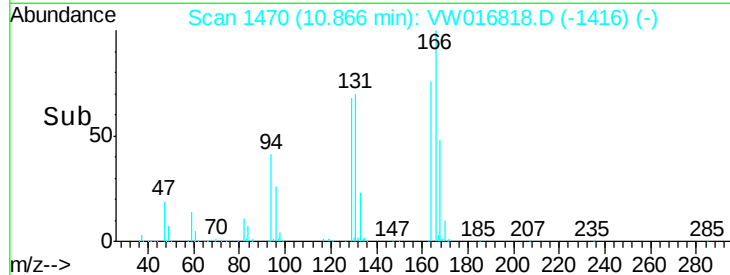
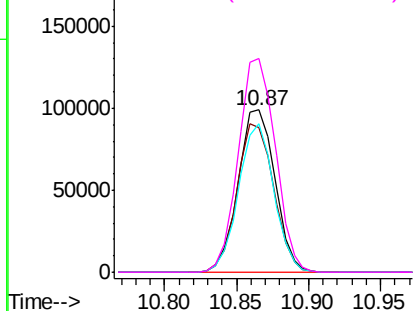


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

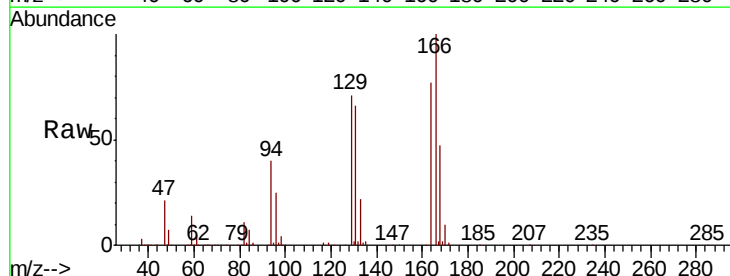
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



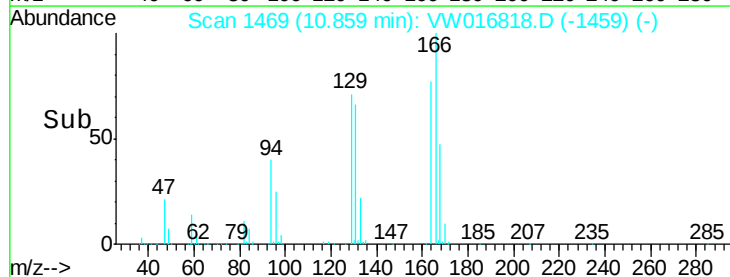
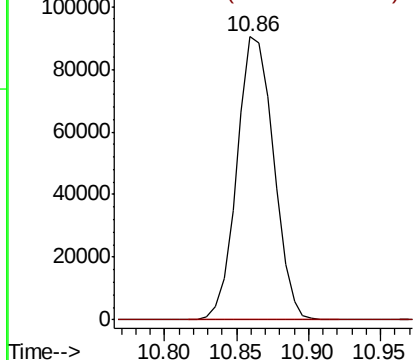
#50
Dibromochloromethane
Concen: 24.817 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW016818.D
Acq: 07 Oct 2020 01:27

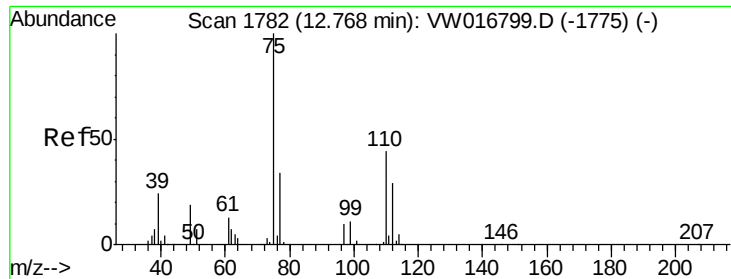
Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.0	100.4



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: 5.334 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016818.D

Acq: 07 Oct 2020 01:27

Instrument :

MSVOA_W

ClientSampleId :

BG3T6

Tot Ion: 75 Resp: 22162

Ion Ratio Lower Upper

75 100

77 38.5 26.2 39.2

