

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016815.D
 Acq On : 07 Oct 2020 00:16
 Operator : SY/VA
 Sample : L4254-06
 Misc : 5.68G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3T3

Quant Time: Oct 07 03:15:35 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	8.85	114	567053	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	480595	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184216	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	158843	28.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.60%
7) Chloroethane-d5	2.89	69	131152	27.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.80%
10) 1,1-Dichloroethene-d2	4.03	63	218851	18.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.68%
20) 2-Butanone-d5	7.08	46	57012	45.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.00%
24) Chloroform-d	7.65	84	315437	26.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.44%
26) 1,2-Dichloroethane-d4	8.31	65	147675	25.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.20%
29) Benzene-d6	8.27	84	647788	29.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.72%
33) 1,2-Dichloropropane-d6	9.27	67	173879	29.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.56%
37) Toluene-d8	10.32	98	607355	29.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.96%
38) trans-1,3-Dichloropropene-	10.58	79	56347	21.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.12%
39) 2-Hexanone-d5	10.93	63	45389	50.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114018	24.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	170541	29.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.76%

Target Compounds

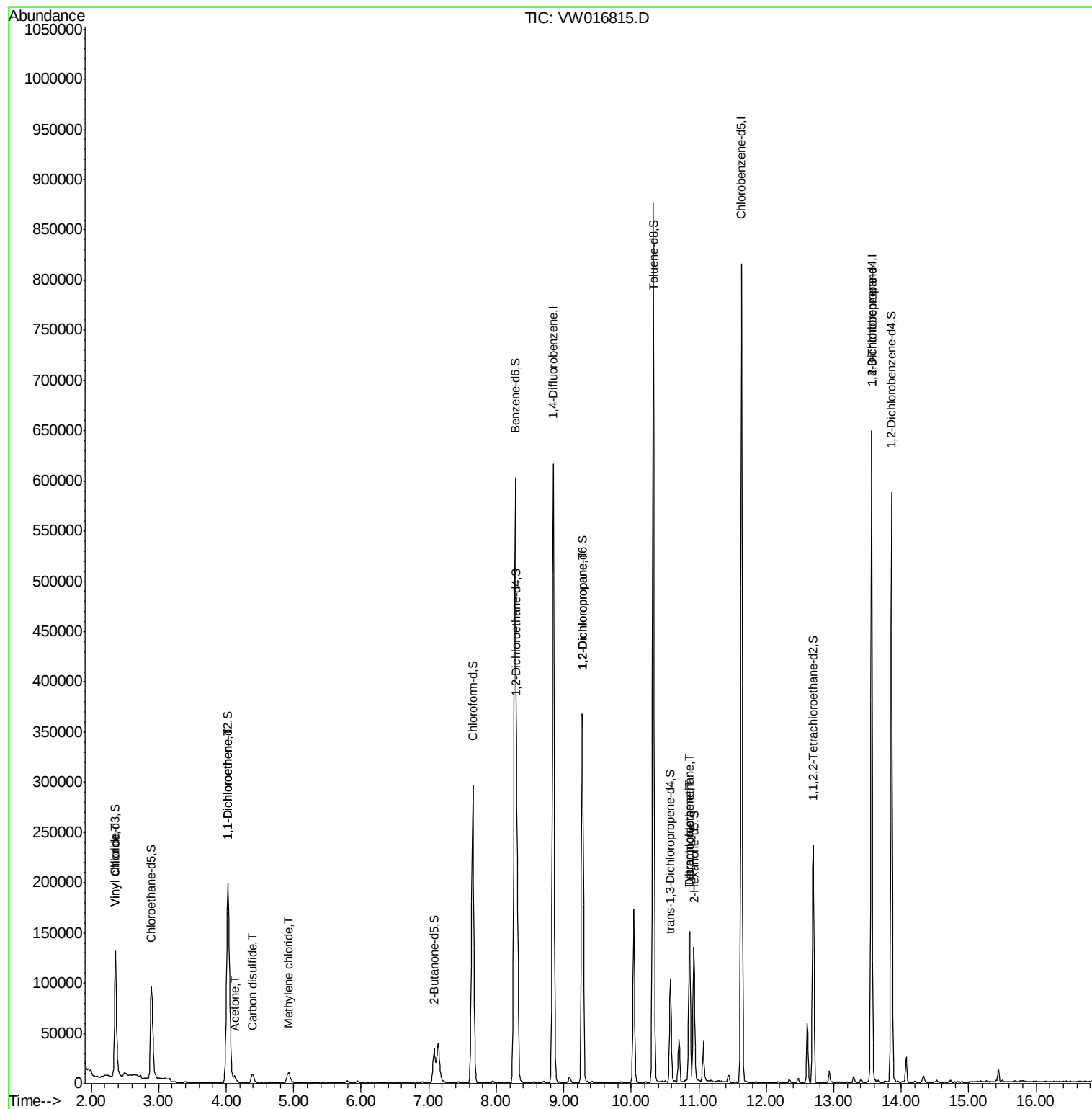
					Ovalue
5) Vinyl chloride	2.37	62	7190	0.927 ug/L #	19
12) 1,1-Dichloroethene	4.03	96	2081	0.284 ug/L #	1
13) Acetone	4.12	43	9748	10.166 ug/L	96
14) Carbon disulfide	4.39	76	19693	0.937 ug/L	98
16) Methylene chloride	4.92	84	10459	1.336 ug/L	94
40) 1,2-Dichloropropane	9.27	63	19662	3.369 ug/L #	83
47) Tetrachloroethene	10.87	164	36798	5.437 ug/L	93
50) Dibromochloromethane	10.87	129	33599	5.697 ug/L #	11
59) 1,2,3-Trichloropropane	13.55	75	18909	4.979 ug/L	92

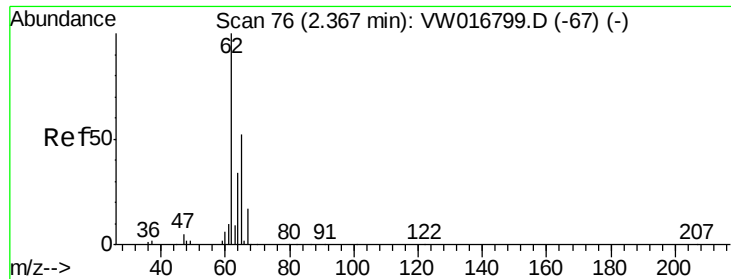
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 07 03:05:19 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.927 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW016815.D

Acq: 07 Oct 2020 00:16

Instrument :

MSVOA_W

ClientSampleId :

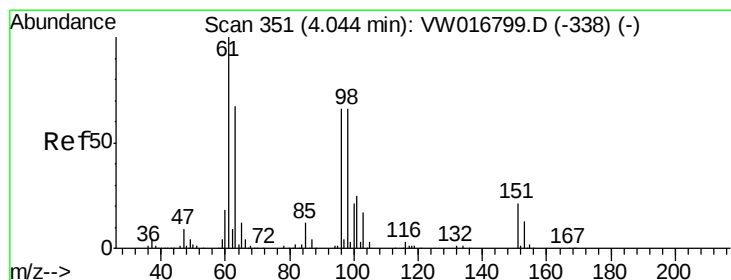
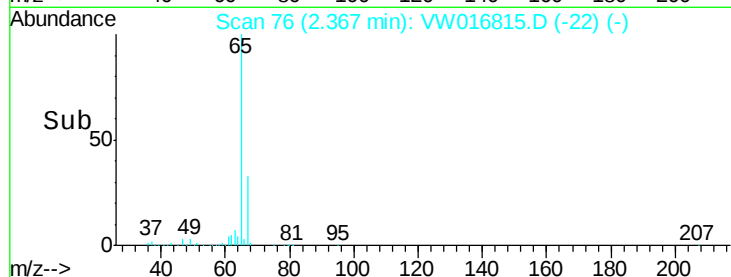
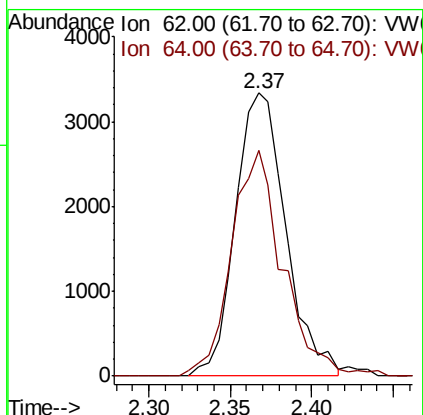
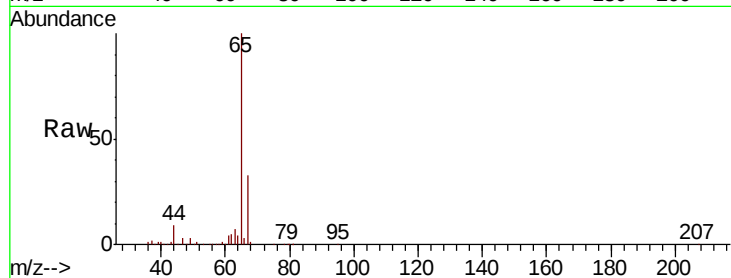
BG3T3

Tot Ion: 62 Resp: 7190

Ion Ratio Lower Upper

62 100

64 79.8 23.5 43.7#



#12

1,1-Dichloroethene

Concen: 0.284 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW016815.D

Acq: 07 Oct 2020 00:16

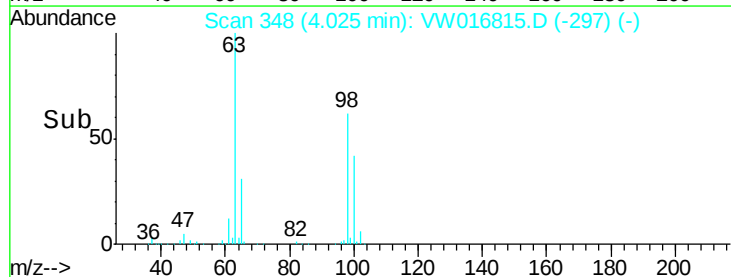
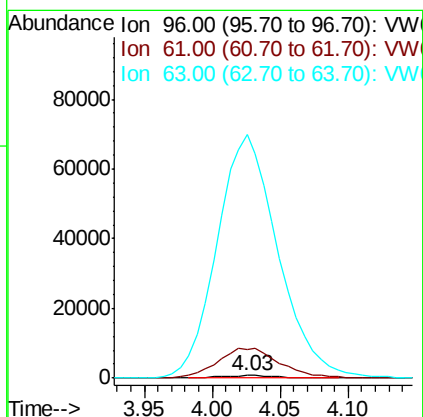
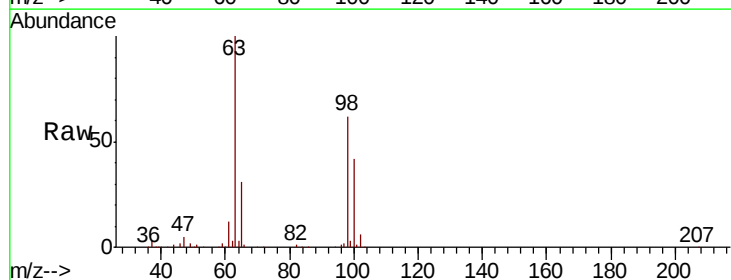
Tgt Ion: 96 Resp: 2081

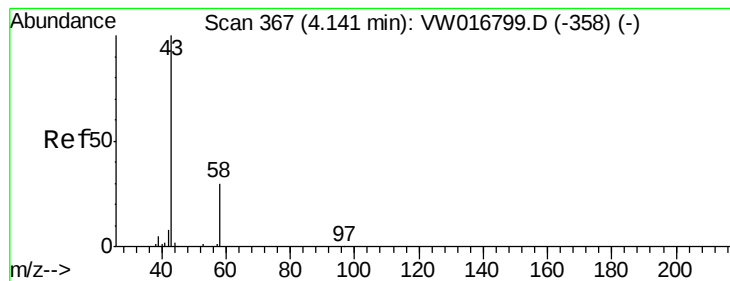
Ion Ratio Lower Upper

96 100

61 1160.1 105.1 195.1#

63 9747.3 69.9 129.7#





#13

Acetone

Concen: 10.166 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016815.D

Acq: 07 Oct 2020 00:16

Instrument :

MSVOA_W

ClientSampled :

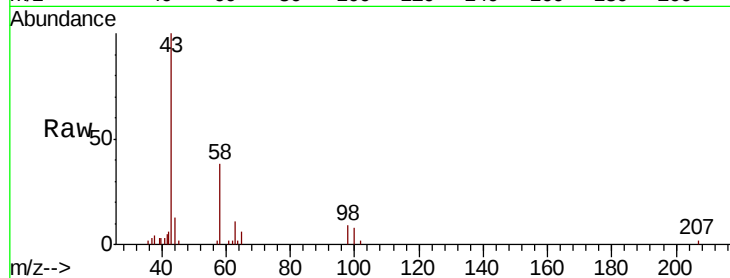
BG3T3

Tot Ion: 43 Resp: 9748

Ion Ratio Lower Upper

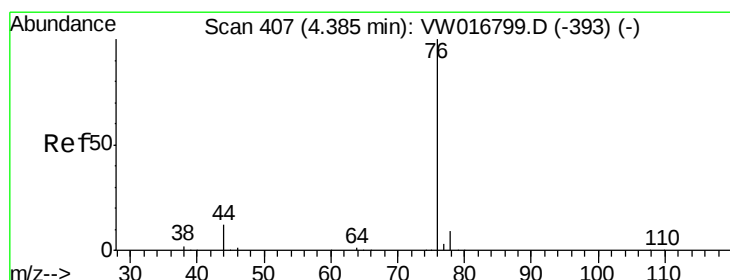
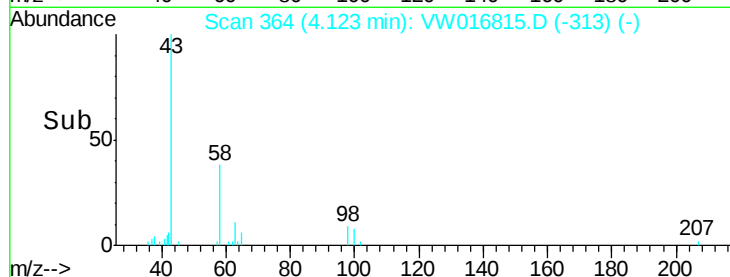
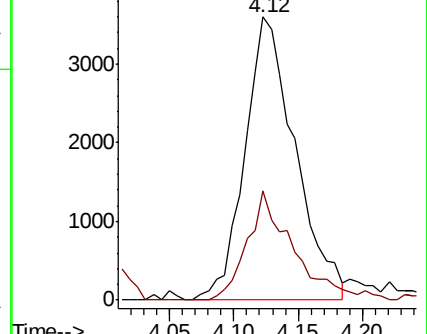
43 100

58 31.6 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.937 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW016815.D

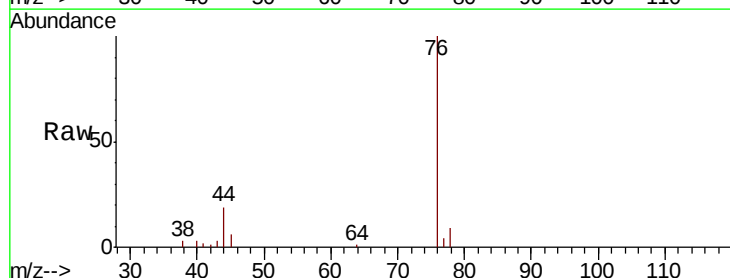
Acq: 07 Oct 2020 00:16

Tgt Ion: 76 Resp: 19693

Ion Ratio Lower Upper

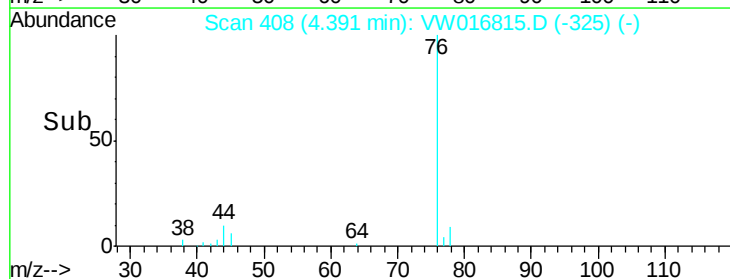
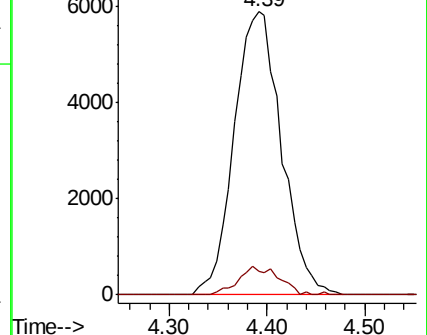
76 100

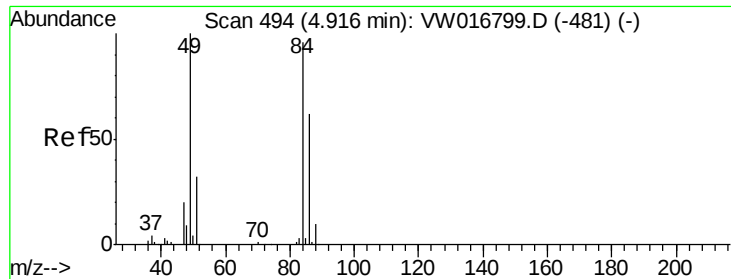
78 8.5 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

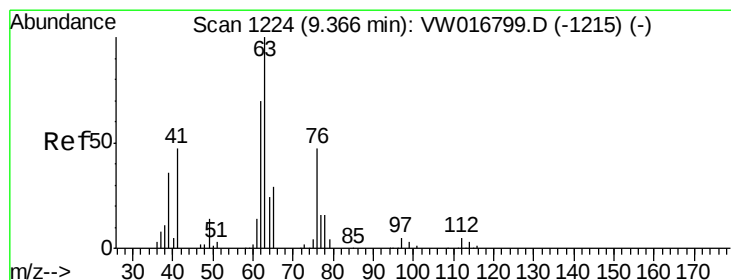
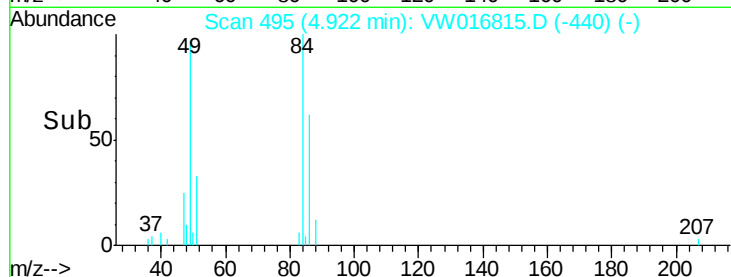
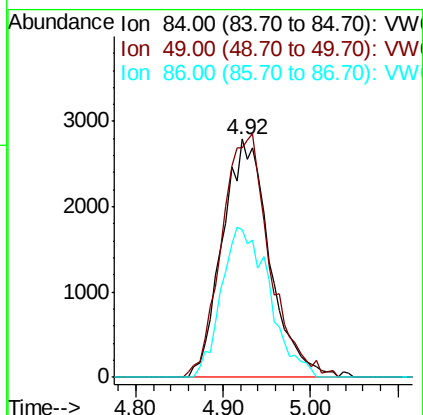
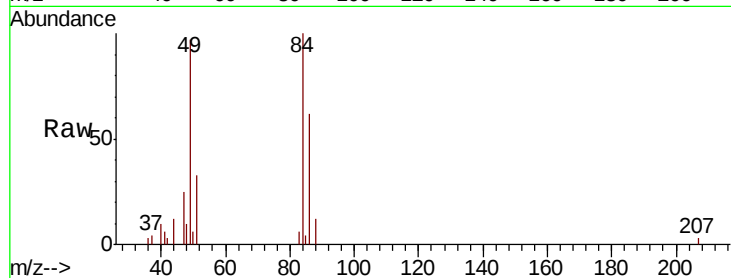




#16
Methylene chloride
Concen: 1.336 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016815.D
Acq: 07 Oct 2020 00:16

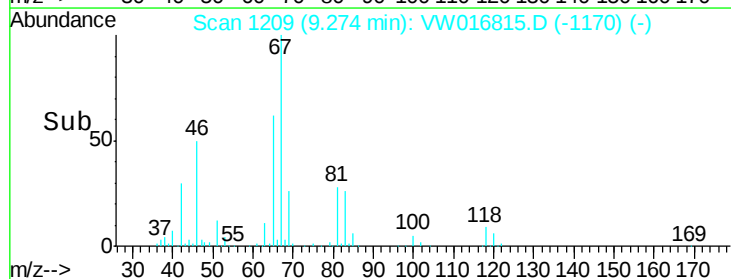
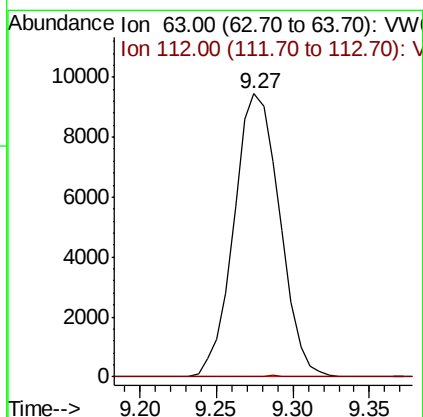
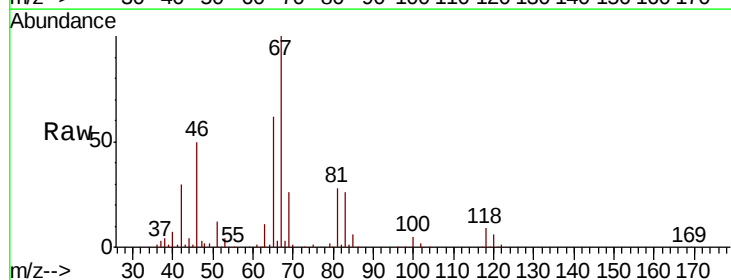
Instrument :
MSVOA_W
ClientSampled :
BG3T3

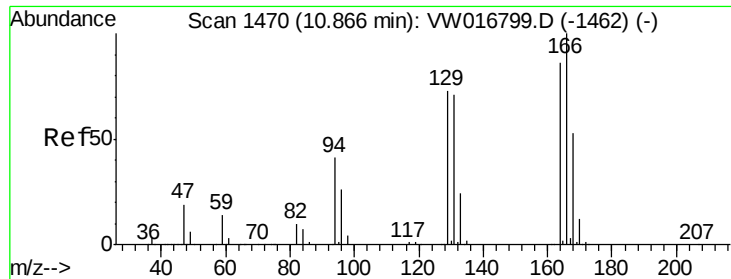
Tot Ion: 84 Resp: 10459
Ion Ratio Lower Upper
84 100
49 96.6 73.1 135.8
86 62.1 46.0 85.4



#40
1,2-Dichloropropane
Concen: 3.369 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW016815.D
Acq: 07 Oct 2020 00:16

Tgt Ion: 63 Resp: 19662
Ion Ratio Lower Upper
63 100
112 0.0 4.5 6.7#

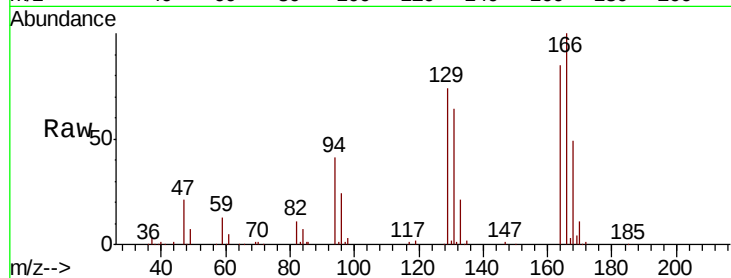




#47
Tetrachloroethene
Concen: 5.437 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016815.D
Acq: 07 Oct 2020 00:16

Instrument :
MSVOA_W
ClientSampleId :
BG3T3

Tot Ion	Ratio	Lower	Upper
164	100		
129	86.8	61.7	114.7
131	74.9	59.7	110.9
166	117.4	88.3	164.1



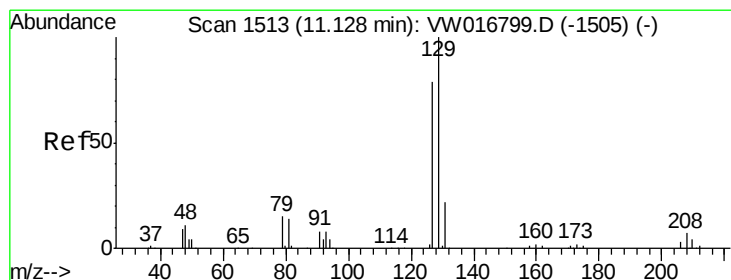
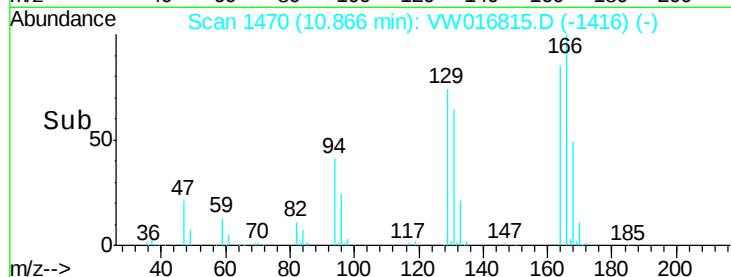
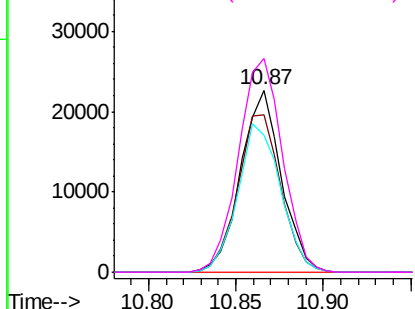
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

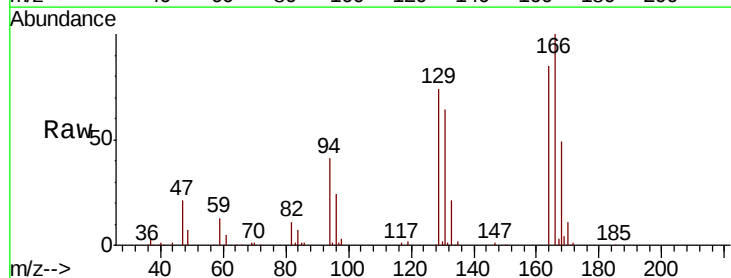
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#50
Dibromochloromethane
Concen: 5.697 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.26 min
Lab File: VW016815.D
Acq: 07 Oct 2020 00:16

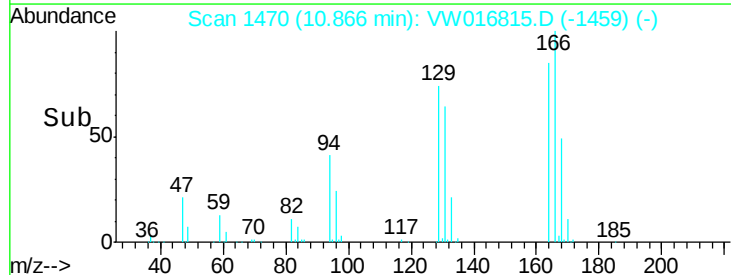
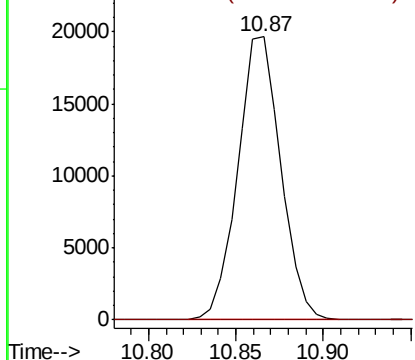
Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.0	100.4#

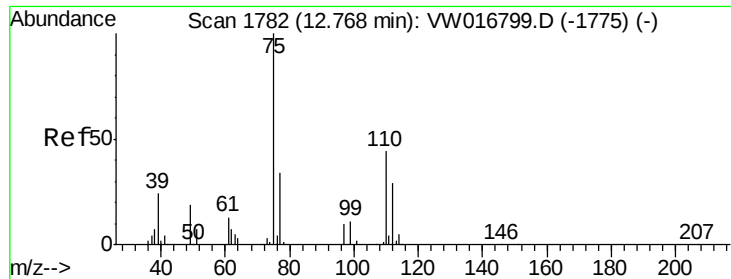


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 4.979 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW016815.D

Acq: 07 Oct 2020 00:16

Instrument :

MSVOA_W

ClientSampleId :

BG3T3

Tot Ion: 75 Resp: 18909

Ion Ratio Lower Upper

75 100

77 37.0 26.2 39.2

