

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016821.D
 Acq On : 07 Oct 2020 02:38
 Operator : SY/VA
 Sample : L4254-16
 Misc : 6.24G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3T9

Quant Time: Oct 07 03:16:23 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	647880	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	657379	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	309108	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	160923	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.72%
7) Chloroethane-d5	2.89	69	137776	25.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.80%
10) 1,1-Dichloroethene-d2	4.02	63	222964	16.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.72%
20) 2-Butanone-d5	7.08	46	55664	38.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.90%
24) Chloroform-d	7.65	84	307595	22.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	8.31	65	149828	22.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.76%
29) Benzene-d6	8.27	84	646763	21.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.64%
33) 1,2-Dichloropropane-d6	9.27	67	176158	21.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.80%
37) Toluene-d8	10.32	98	661257	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.88%
38) trans-1,3-Dichloropropene-	10.58	79	71207	20.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.48%
39) 2-Hexanone-d5	10.93	63	54339	43.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138313	21.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	237378	24.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.84%

Target Compounds

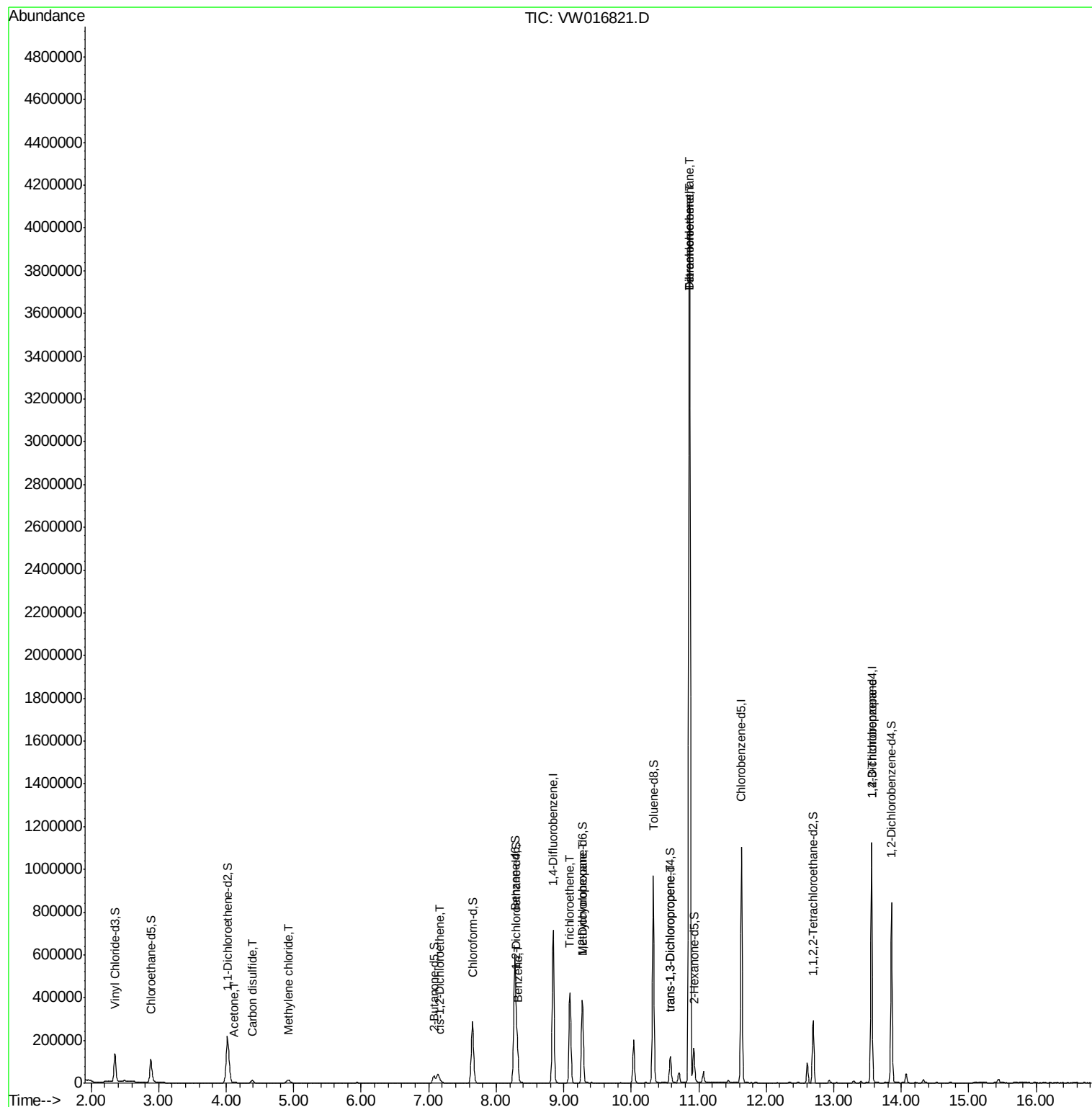
					Ovalue
13) Acetone	4.12	43	8273	7.552	ug/L 97
14) Carbon disulfide	4.39	76	26238	1.092	ug/L 96
16) Methylene chloride	4.91	84	6626	0.741	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	3405	0.381	ug/L 90
34) Benzene	8.32	78	18205	0.516	ug/L 100
35) Trichloroethene	9.09	95	148322	14.854	ug/L 99
36) Methylcyclohexane	9.27	83	45754	2.725	ug/L # 22
45) trans-1,3-Dichloropropene	10.58	75	3228	0.301	ug/L 97
47) Tetrachloroethene	10.86	164	1017277	109.884	ug/L 99
50) Dibromochloromethane	10.86	129	910568	112.873	ug/L # 11
59) 1,2,3-Trichloropropane	13.56	75	32173	6.193	ug/L 93

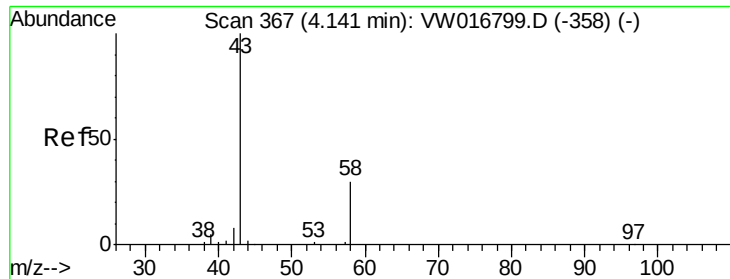
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 7.552 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016821.D

Acq: 07 Oct 2020 02:38

Instrument :

MSVOA_W

ClientSampled :

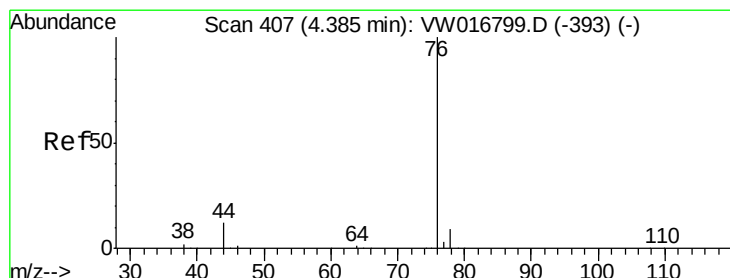
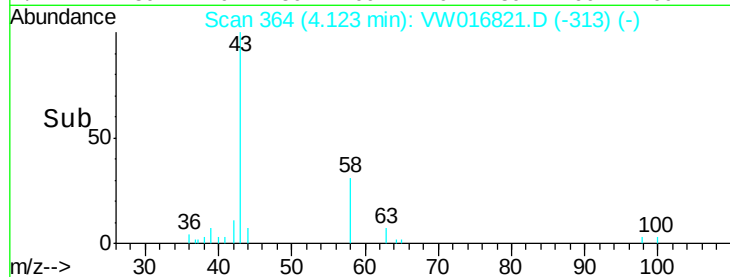
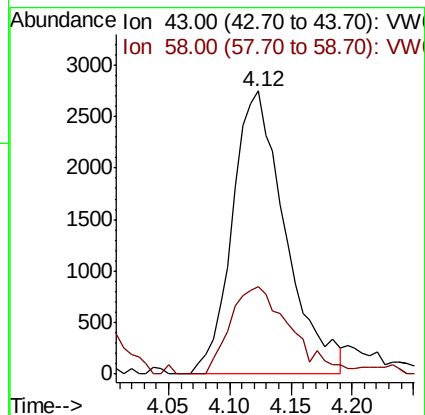
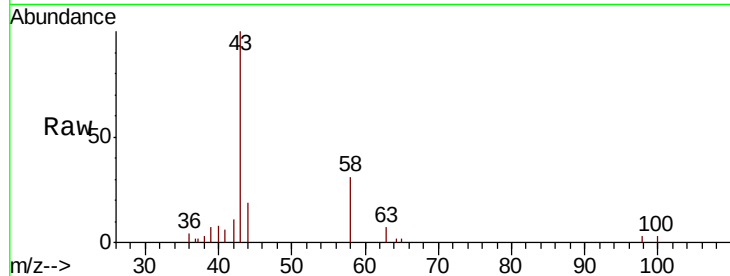
BG3T9

Tot Ion: 43 Resp: 8273

Ion Ratio Lower Upper

43 100

58 32.2 0.0 67.6



#14

Carbon disulfide

Concen: 1.092 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW016821.D

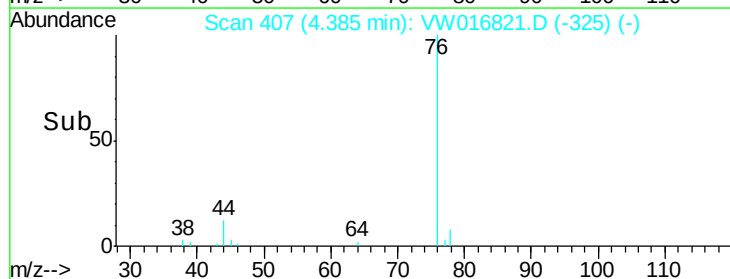
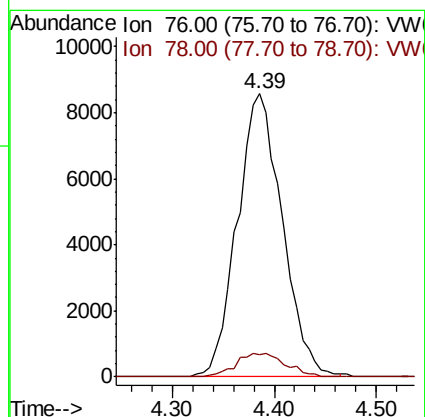
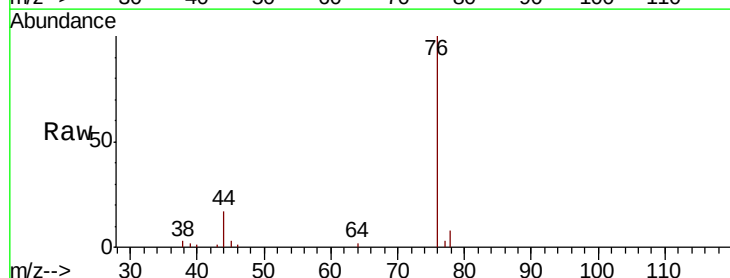
Acq: 07 Oct 2020 02:38

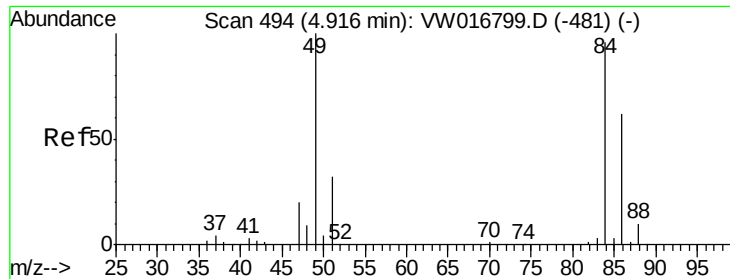
Tgt Ion: 76 Resp: 26238

Ion Ratio Lower Upper

76 100

78 7.8 7.4 11.0

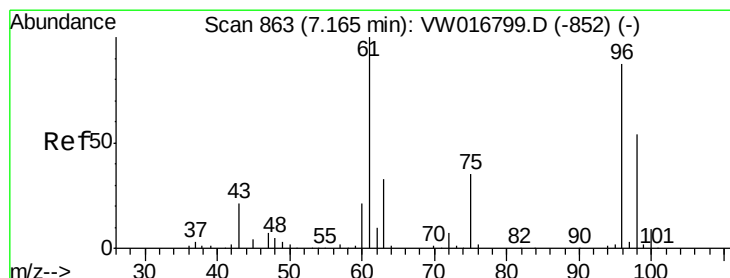
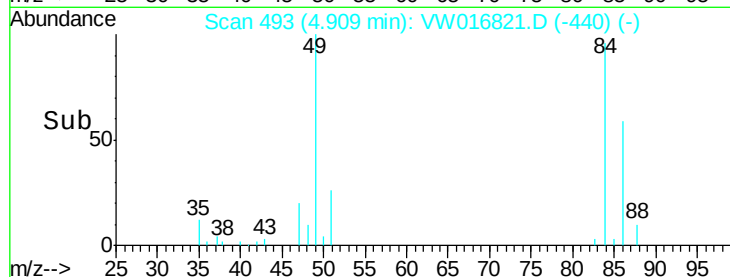
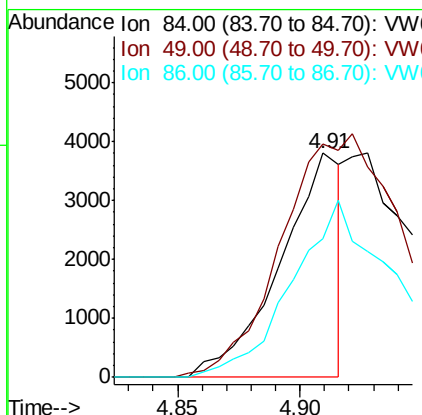
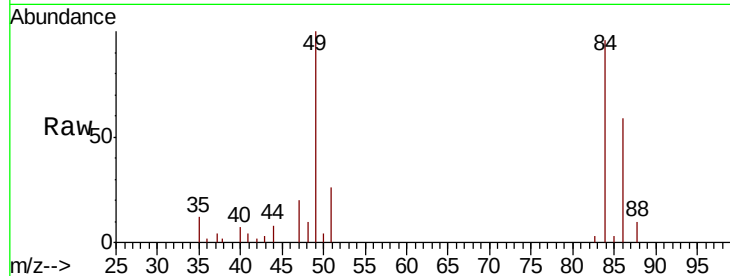




#16
Methylene chloride
Concen: 0.741 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016821.D
Acq: 07 Oct 2020 02:38

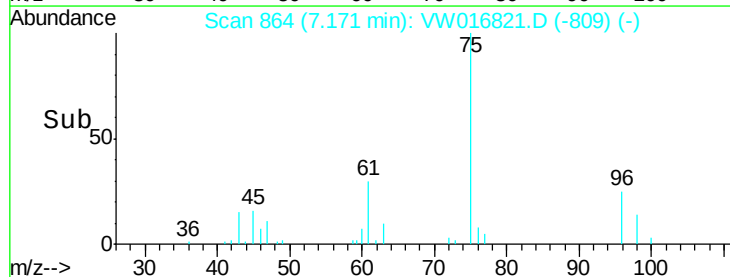
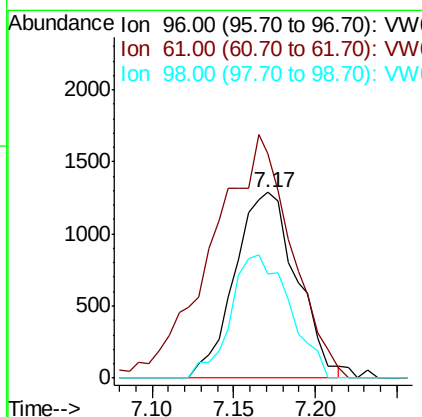
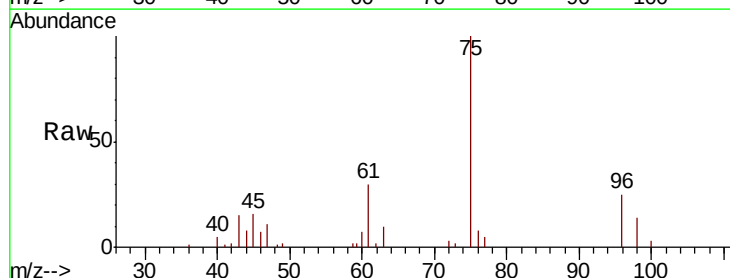
Instrument :
MSVOA_W
ClientSampled :
BG3T9

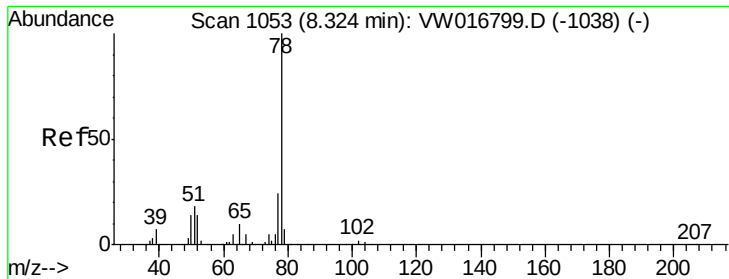
Tot Ion: 84 Resp: 6626
Ion Ratio Lower Upper
84 100
49 104.2 73.1 135.8
86 61.8 46.0 85.4



#22
cis-1,2-Dichloroethene
Concen: 0.381 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW016821.D
Acq: 07 Oct 2020 02:38

Tgt Ion: 96 Resp: 3405
Ion Ratio Lower Upper
96 100
61 120.8 76.0 141.2
98 56.1 42.7 79.3





#34

Benzene

Concen: 0.516 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW016821.D

Acq: 07 Oct 2020 02:38

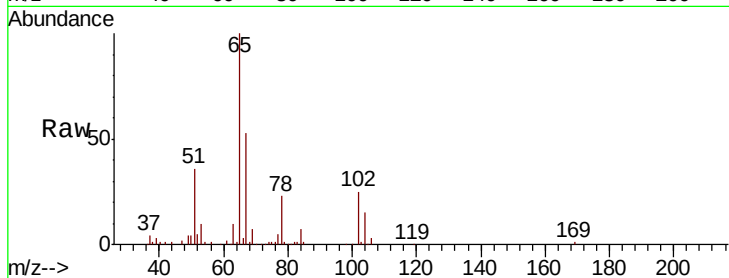
Instrument :

MSVOA_W

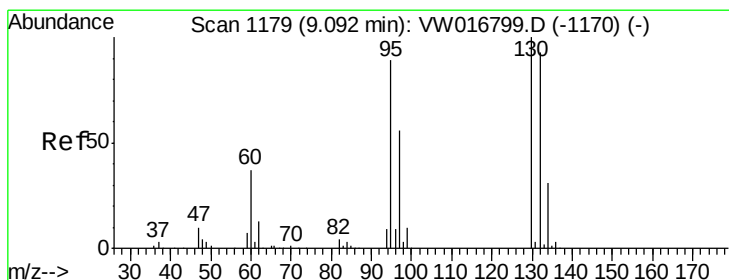
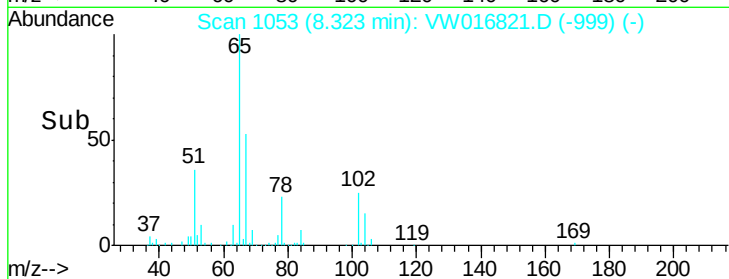
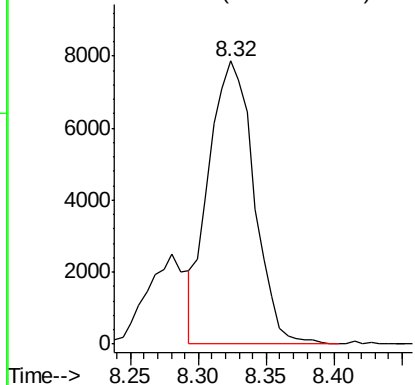
ClientSampleId :

BG3T9

Tgt Ion: 78 Resp: 18205



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 14.854 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW016821.D

Acq: 07 Oct 2020 02:38

Tgt Ion: 95 Resp: 148322

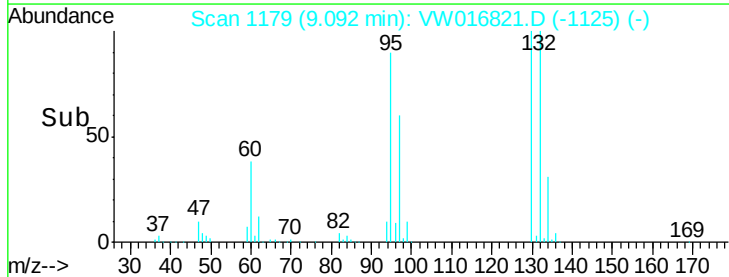
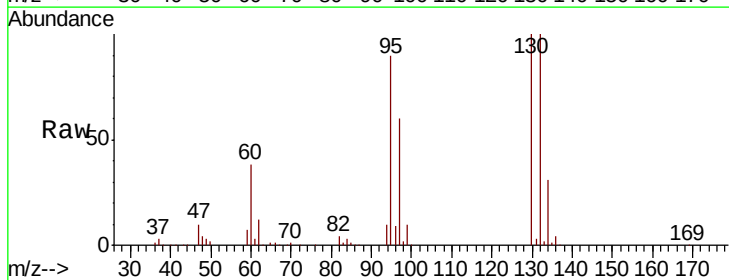
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.7	83.1
132	105.2	73.8	137.2
130	108.3	77.1	143.3

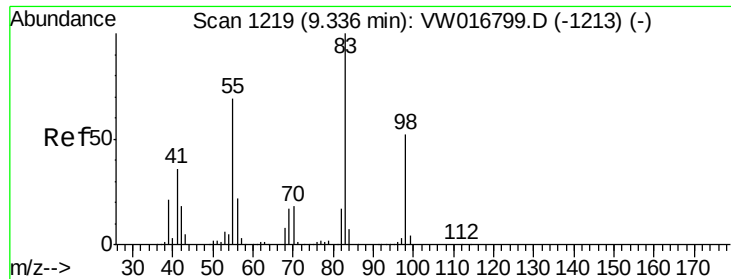
Abundance Ion 95.00 (94.70 to 95.70): VW

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

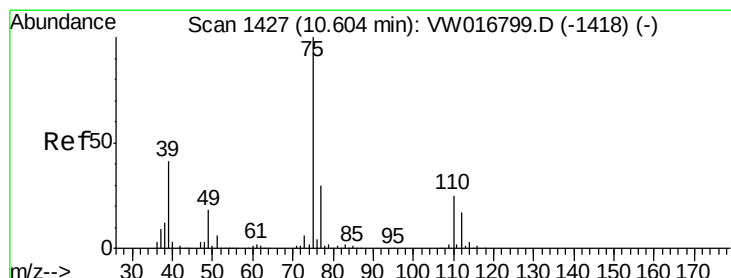
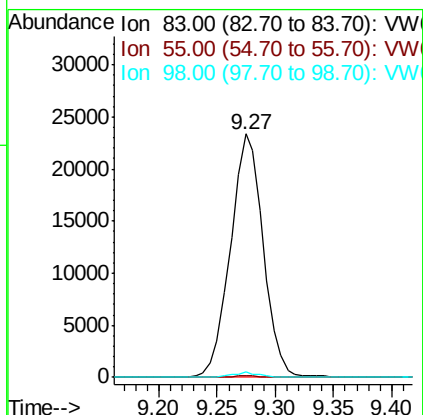
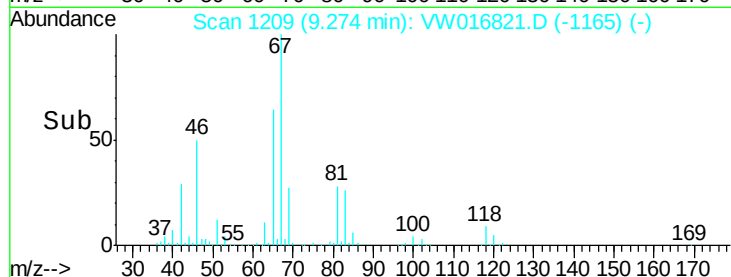
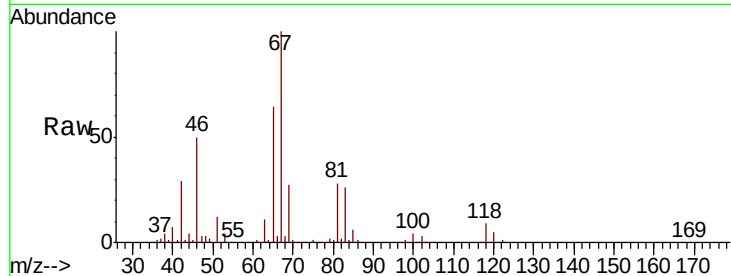




#36
Methvlcvclohexane
Concen: 2.725 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW016821.D
Acq: 07 Oct 2020 02:38

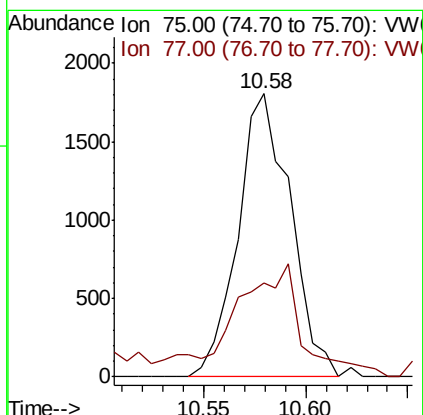
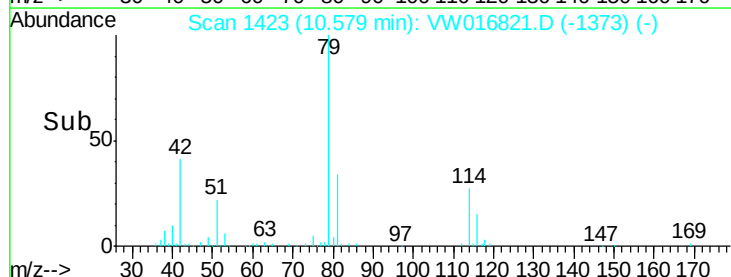
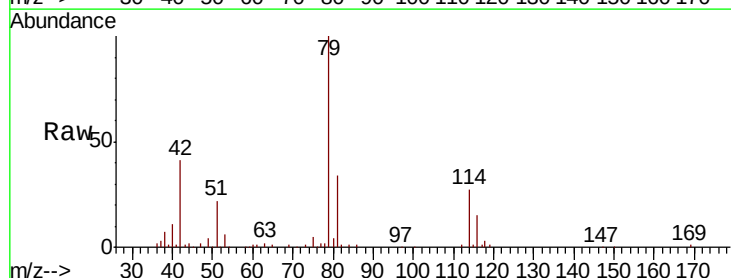
Instrument :
MSVOA_W
ClientSampleId :
BG3T9

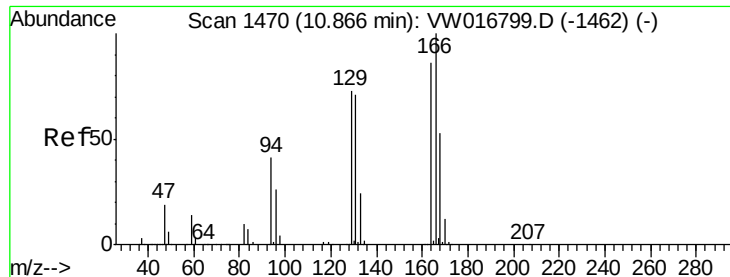
Tot Ion: 83 Resp: 45754
Ion Ratio Lower Upper
83 100
55 0.6 54.2 81.4#
98 1.3 41.4 62.2#



#45
trans-1,3-Dichloropropene
Concen: 0.301 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW016821.D
Acq: 07 Oct 2020 02:38

Tgt Ion: 75 Resp: 3228
Ion Ratio Lower Upper
75 100
77 33.3 22.2 41.2





#47

Tetrachloroethene

Concen: 109.884 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW016821.D

Acq: 07 Oct 2020 02:38

Instrument :

MSVOA_W

ClientSampleId :

BG3T9

Tot Ion:164 Resp: 1017277

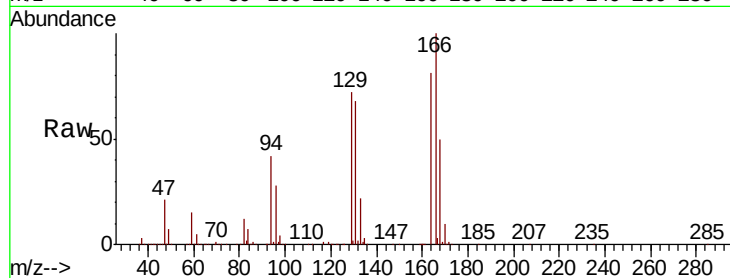
Ion Ratio Lower Upper

164 100

129 89.4 61.7 114.7

131 84.2 59.7 110.9

166 124.1 88.3 164.1

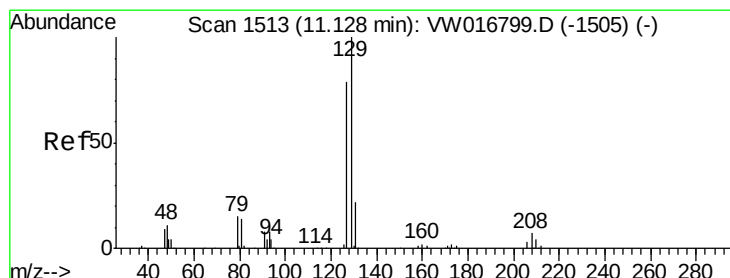
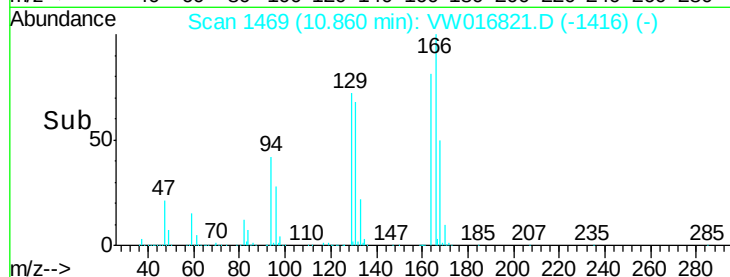
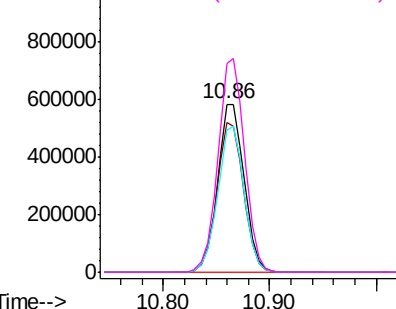


Abundance Ion 164.00 (163.70 to 164.70): V

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: 112.873 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW016821.D

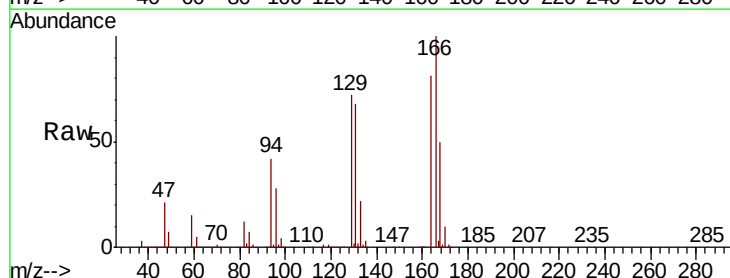
Acq: 07 Oct 2020 02:38

Tgt Ion:129 Resp: 910568

Ion Ratio Lower Upper

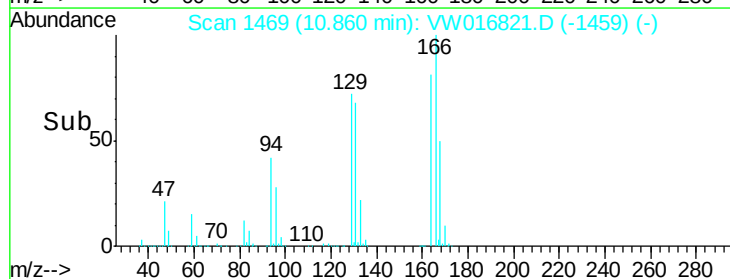
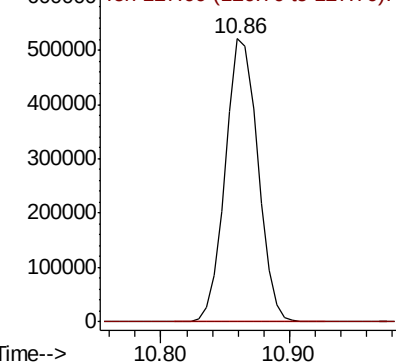
129 100

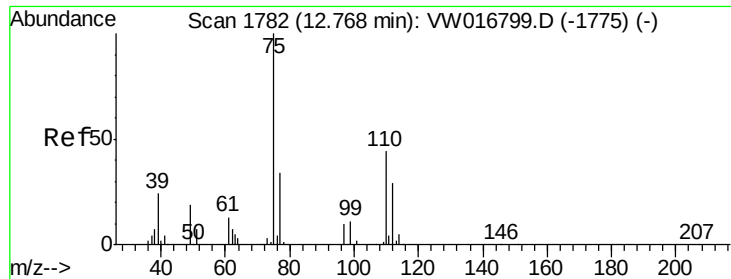
127 0.0 54.0 100.4#



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: 6.193 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016821.D

Acq: 07 Oct 2020 02:38

Instrument :

MSVOA_W

ClientSampleId :

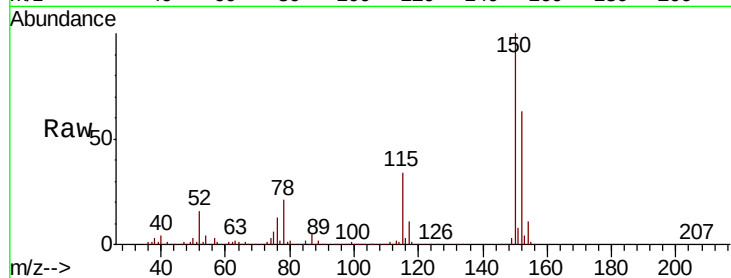
BG3T9

Tot Ion: 75 Resp: 32173

Ion Ratio Lower Upper

75 100

77 36.4 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

