

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101620\
 Data File : VW016915.D
 Acq On : 15 Oct 2020 16:33
 Operator : SY/VA
 Sample : L4421-19
 Misc : 6.05G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG1A5

Quant Time: Oct 16 08:15:49 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	549977	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	506043	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	233098	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116295	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.72%
7) Chloroethane-d5	2.89	69	99626	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.56%
10) 1,1-Dichloroethene-d2	4.02	63	177439	15.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.60%
20) 2-Butanone-d5	7.09	46	52470	42.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.40%
24) Chloroform-d	7.65	84	271641	23.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.64%
26) 1,2-Dichloroethane-d4	8.31	65	134598	24.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.04%
29) Benzene-d6	8.27	84	540447	23.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.04%
33) 1,2-Dichloropropane-d6	9.27	67	151453	24.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.08%
37) Toluene-d8	10.33	98	507436	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.60%
38) trans-1,3-Dichloropropene-	10.58	79	57792	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.84%
39) 2-Hexanone-d5	10.93	63	44869	46.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113882	22.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	183429	24.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.24%

Target Compounds

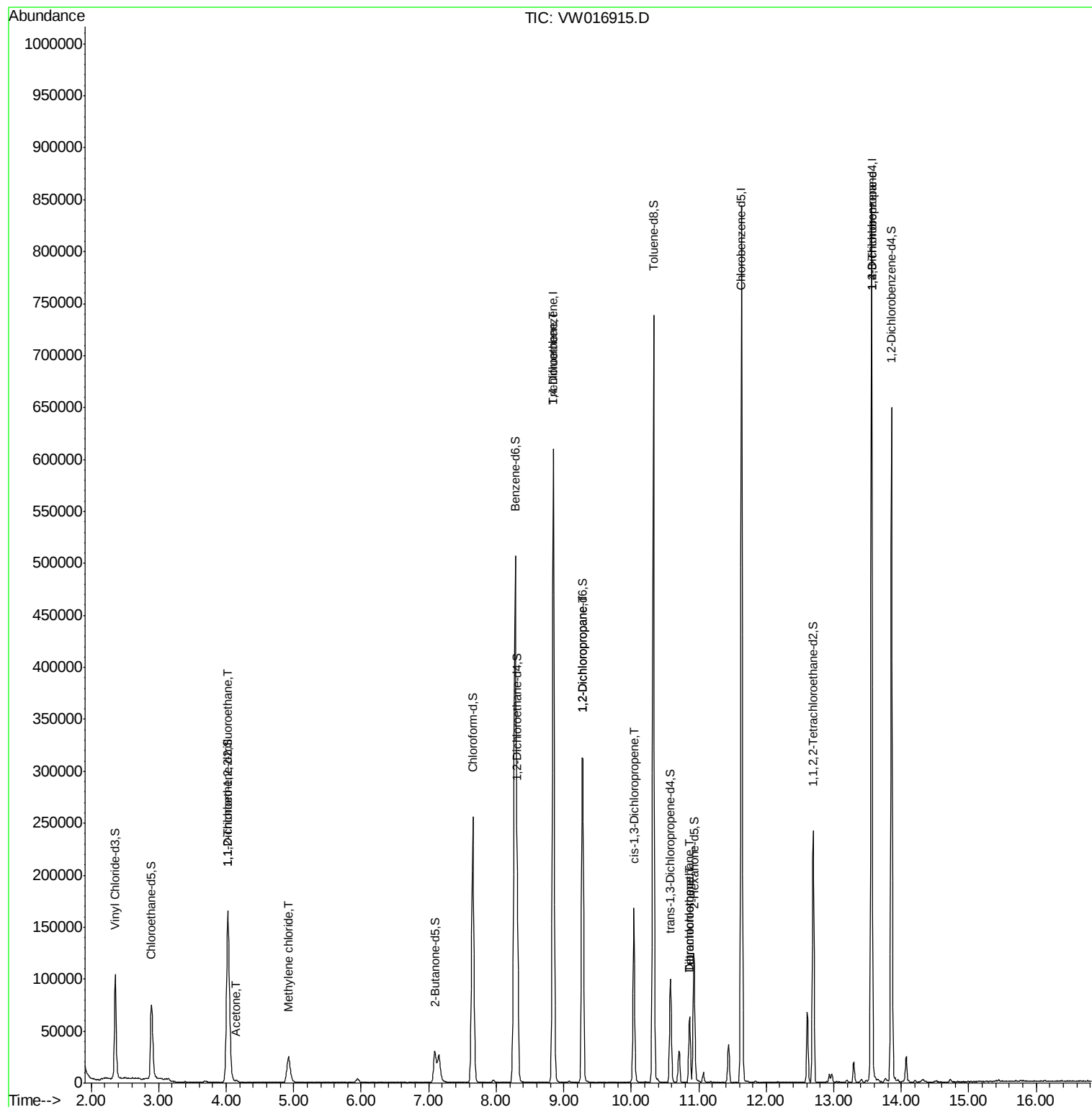
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1917	0.259	ug/L #	17
13) Acetone	4.15	43	1693	1.820	ug/L	77
16) Methylene chloride	4.92	84	23459	3.091	ug/L	98
35) Trichloroethene	8.84	95	16686	2.171	ug/L #	2
40) 1,2-Dichloropropane	9.27	63	16991	2.765	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4198	0.428	ug/L #	67
47) Tetrachloroethene	10.87	164	15431	2.165	ug/L	96
50) Dibromochloromethane	10.87	129	13681	2.203	ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	23400	5.851	ug/L	89

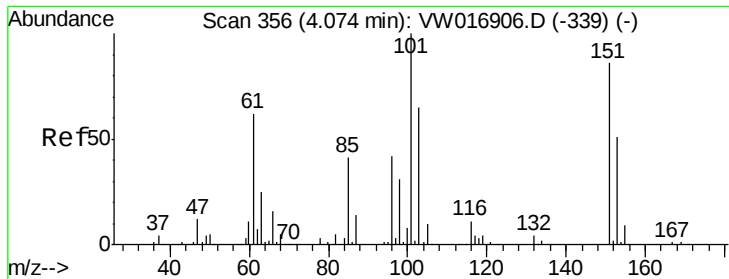
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 16 08:07:29 2020
Response via : Initial Calibration





#11

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

Concen: 0.259 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.04 min

Lab File: VW016915.D

Acq: 15 Oct 2020 16:33

Instrument :

MSVOA_W

ClientSampled :

BG1A5

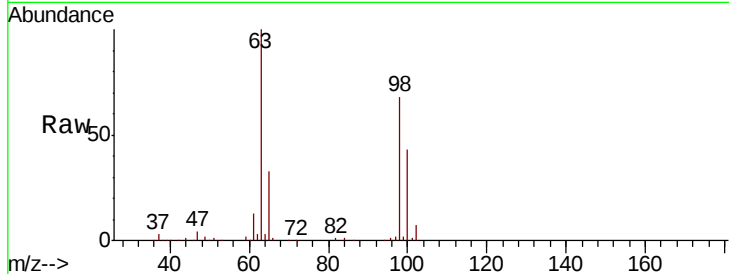
Tot Ion:101 Resp: 1917

Ion Ratio Lower Upper

101 100

85 0.0 31.7 47.5#

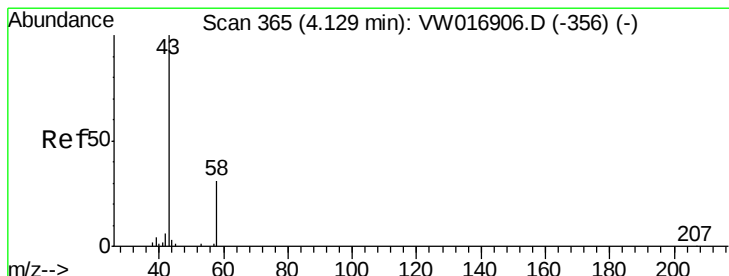
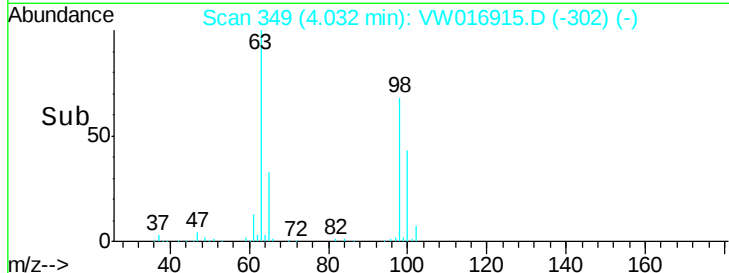
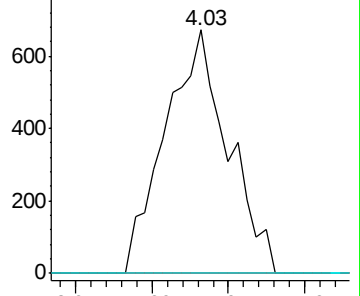
151 0.0 66.6 99.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.820 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW016915.D

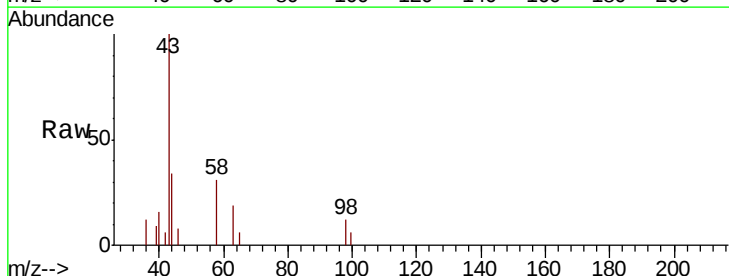
Acq: 15 Oct 2020 16:33

Tgt Ion: 43 Resp: 1693

Ion Ratio Lower Upper

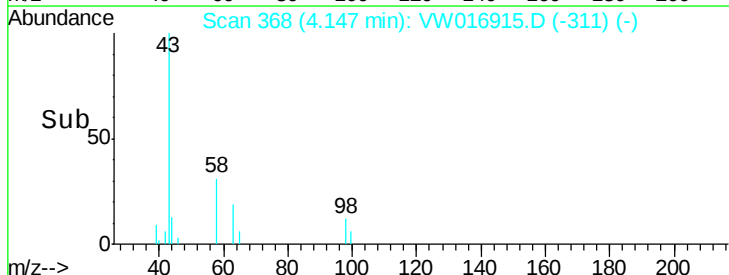
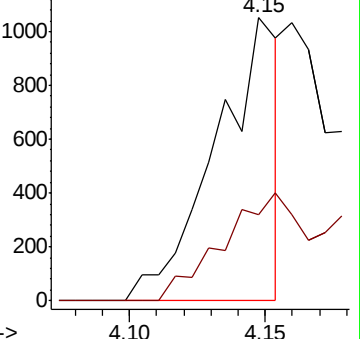
43 100

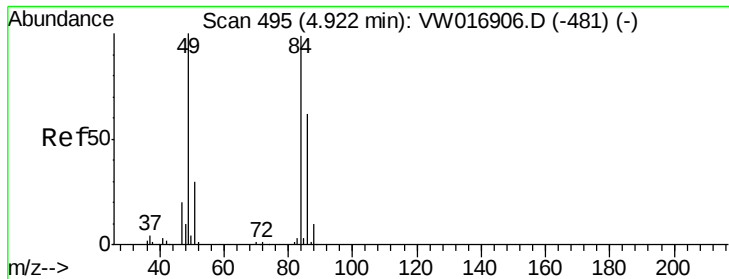
58 46.8 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

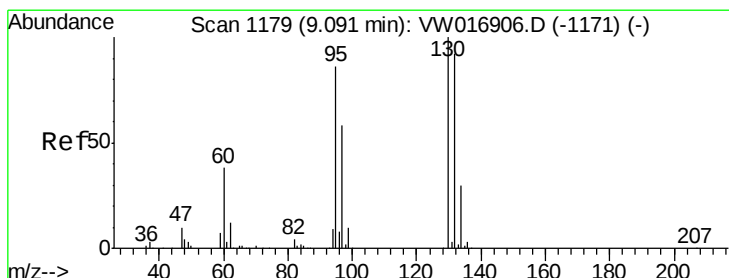
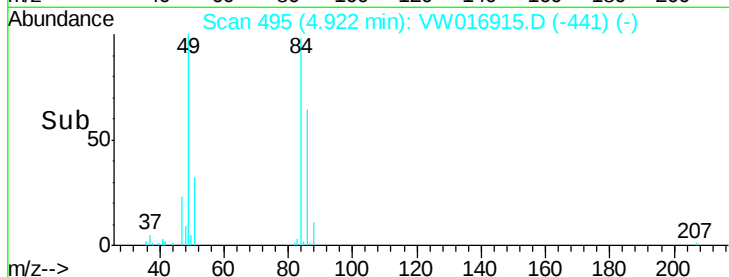
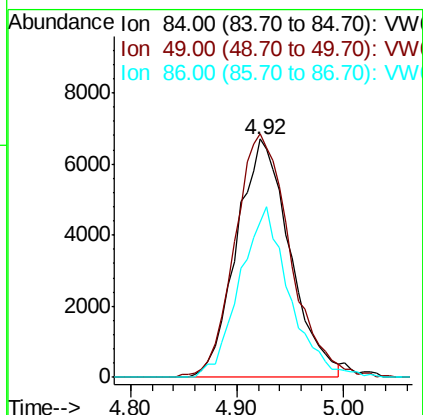
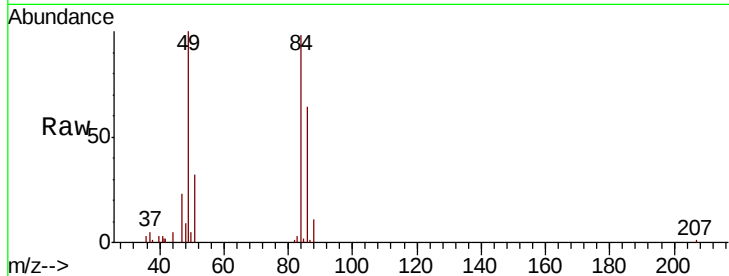




#16
Methvlene chloride
Concen: 3.091 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW016915.D
Acq: 15 Oct 2020 16:33

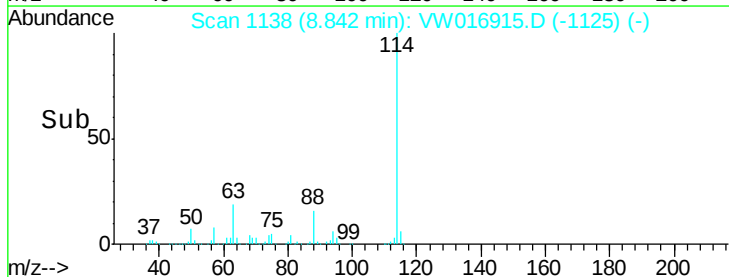
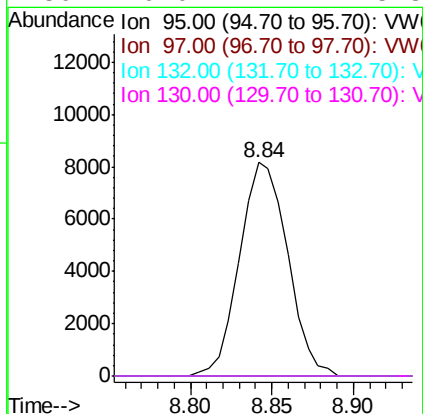
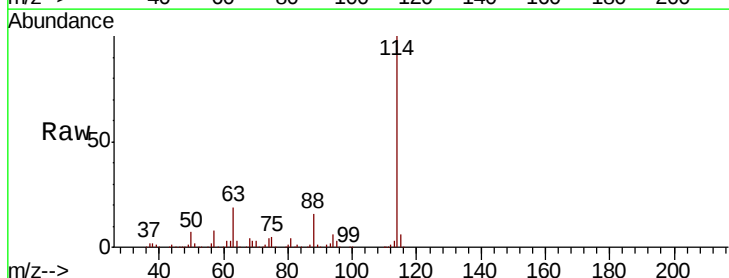
Instrument :
MSVOA_W
ClientSampleId :
BG1A5

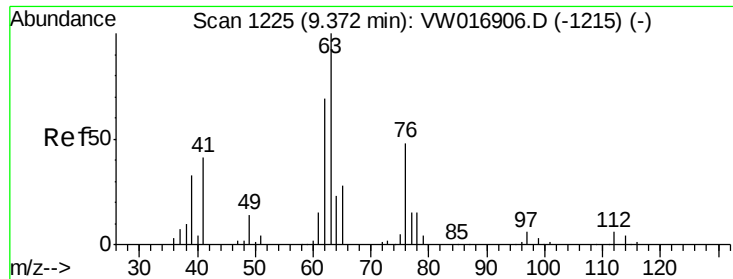
Tot Ion: 84 Resp: 23459
Ion Ratio Lower Upper
84 100
49 102.2 73.1 135.8
86 65.2 46.0 85.4



#35
Trichloroethene
Concen: 2.171 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW016915.D
Acq: 15 Oct 2020 16:33

Tgt Ion: 95 Resp: 16686
Ion Ratio Lower Upper
95 100
97 0.0 44.7 83.1#
132 0.0 73.8 137.2#
130 0.0 77.1 143.3#

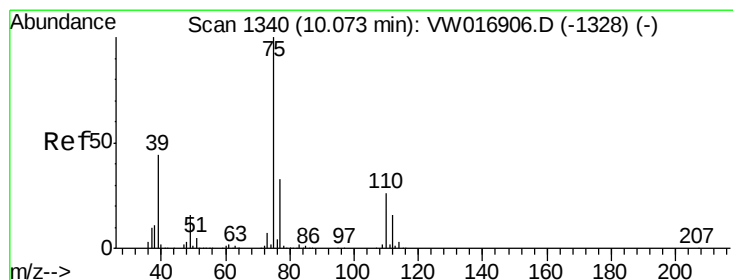
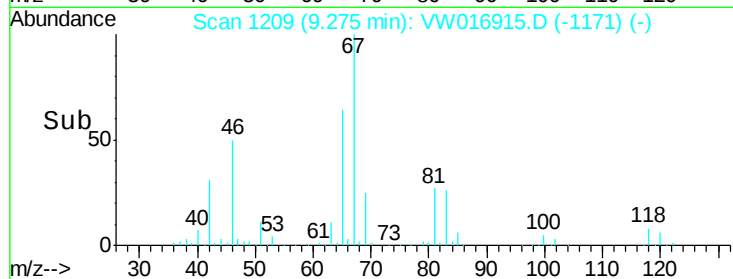
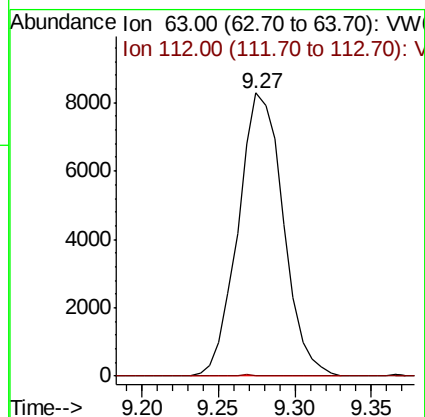
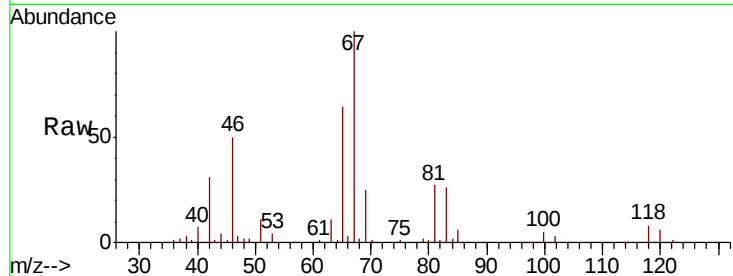




#40
 1,2-Dichloropropane
 Concen: 2.765 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016915.D
 Acq: 15 Oct 2020 16:33

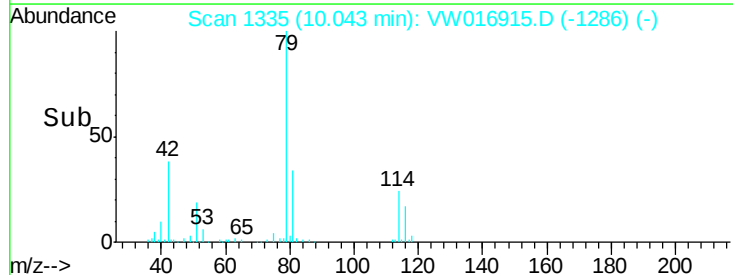
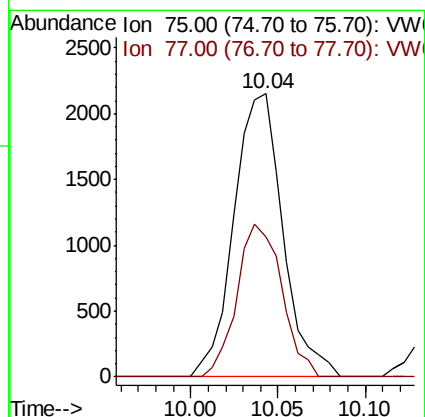
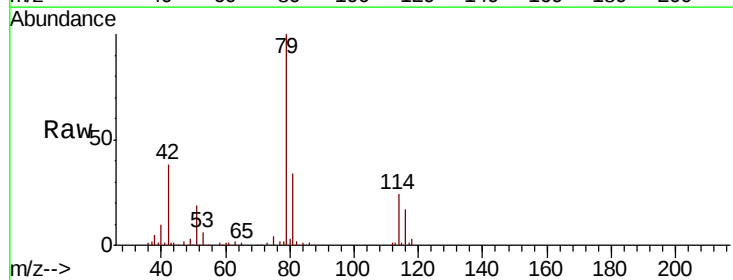
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 MSVOA_W
 ClientSampleId :
 BG1A5

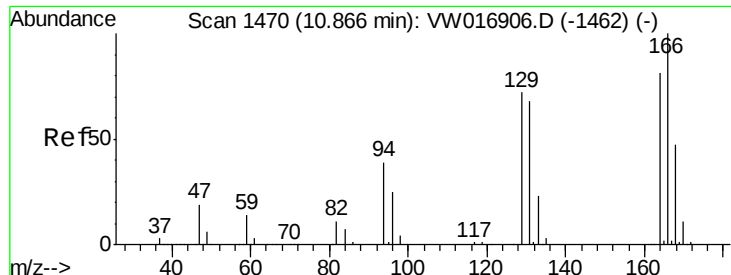
Tot Ion: 63 Resp: 16991
 Ion Ratio Lower Upper
 63 100
 112 0.2 4.5 6.7#



#42
 cis-1,3-Dichloropropene
 Concen: 0.428 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW016915.D
 Acq: 15 Oct 2020 16:33

Tgt Ion: 75 Resp: 4198
 Ion Ratio Lower Upper
 75 100
 77 49.7 22.1 41.1#

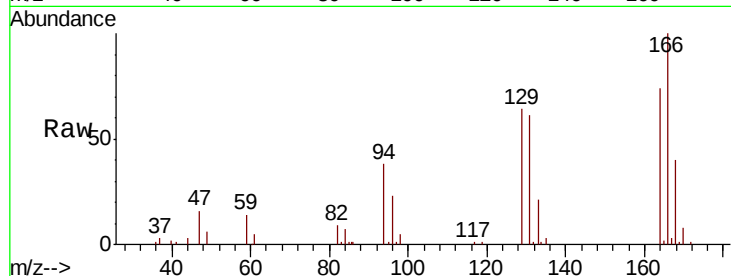




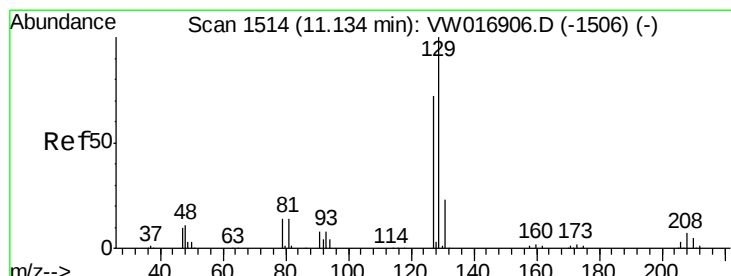
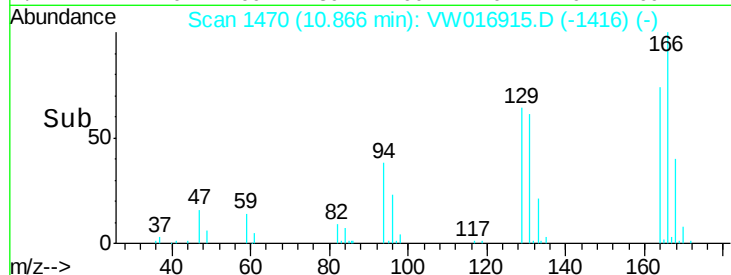
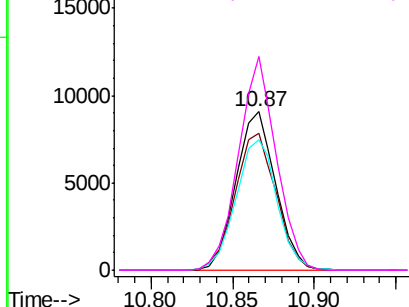
#47
Tetrachloroethene
Concen: 2.165 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016915.D
Acq: 15 Oct 2020 16:33

Instrument :
MSVOA_W
ClientSampleId :
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Tot Ion:164 Resp: 15431
Ion Ratio Lower Upper
164 100
129 87.0 61.7 114.7
131 82.9 59.7 110.9
166 135.0 88.3 164.1

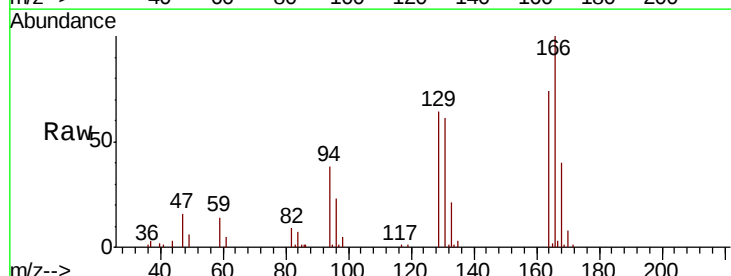


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

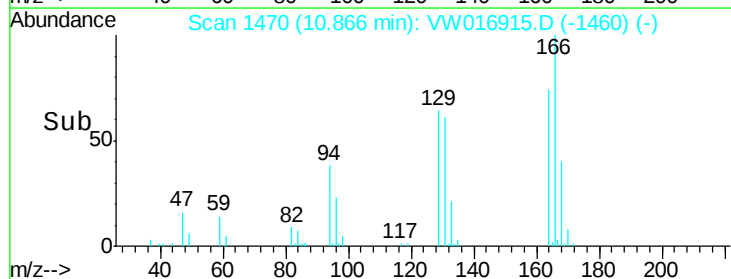
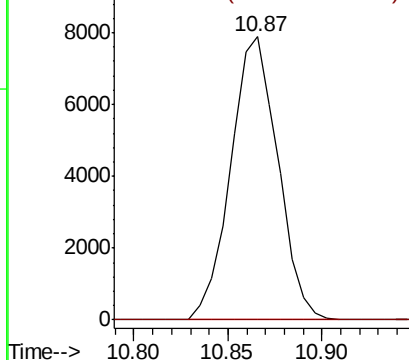


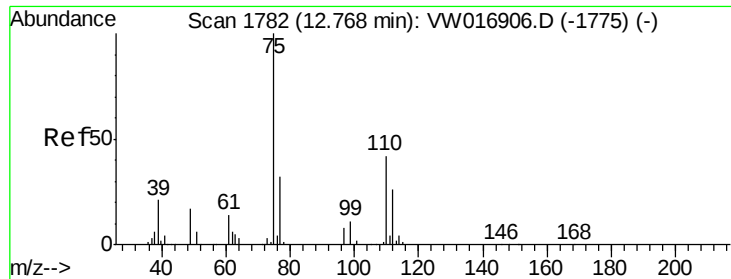
#50
Dibromochloromethane
Concen: 2.203 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.27 min
Lab File: VW016915.D
Acq: 15 Oct 2020 16:33

Tgt Ion:129 Resp: 13681
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: 5.851 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016915.D

Acq: 15 Oct 2020 16:33

Instrument :

MSVOA_W

ClientSampleId :

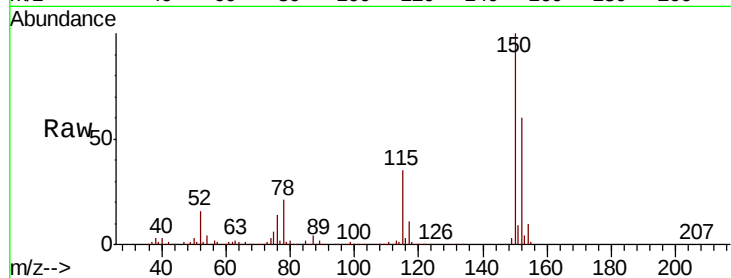
BG1A5

Tot Ion: 75 Resp: 23400

Ion Ratio Lower Upper

75 100

77 38.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

