

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110620\
 Data File : VW017098.D
 Acq On : 06 Nov 2020 14:17
 Operator : SY/VA
 Sample : L4659-01
 Misc : 5.66G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 04:33:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 07 04:26:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	524859	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	461164	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196816	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	168494	25.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.96%
7) Chloroethane-d5	2.89	69	127326	24.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.96%
10) 1,1-Dichloroethene-d2	4.02	63	225751	19.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.36%
20) 2-Butanone-d5	7.08	46	42726	28.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.80%
24) Chloroform-d	7.65	84	287885	23.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	8.31	65	131875	21.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.60%
29) Benzene-d6	8.27	84	594111	25.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.20%
33) 1,2-Dichloropropane-d6	9.27	67	158119	24.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.36%
37) Toluene-d8	10.32	98	569258	25.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.84%
38) trans-1,3-Dichloropropene-	10.58	79	60140	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.16%
39) 2-Hexanone-d5	10.93	63	34276	30.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103310	18.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	175327	25.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.12%

Target Compounds

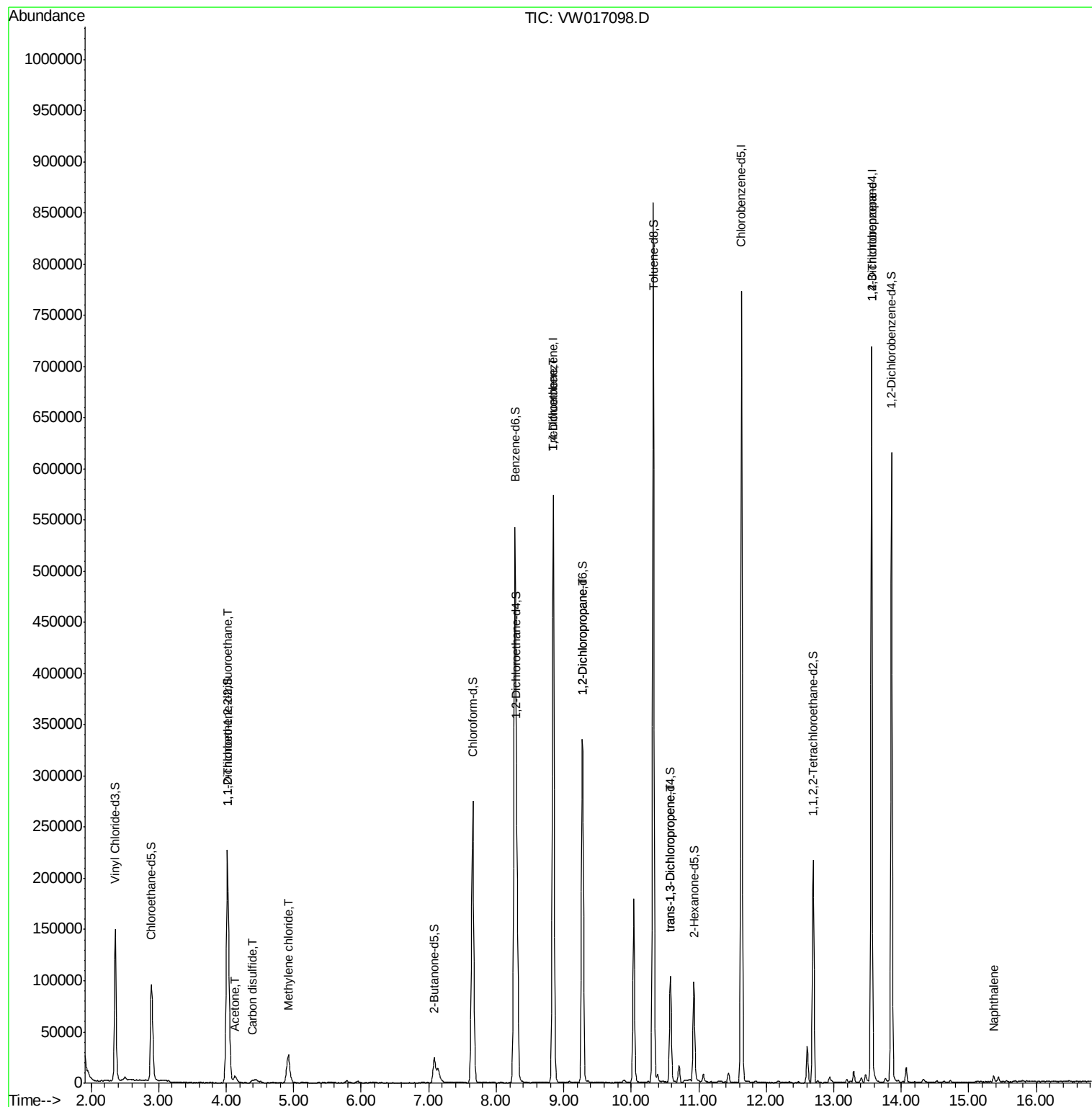
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	2537	0.374	ug/L #	17
13) Acetone	4.13	43	10795	10.905	ug/L	69
14) Carbon disulfide	4.39	76	4646	0.262	ug/L	100
16) Methylene chloride	4.92	84	24110	3.407	ug/L	96
35) Trichloroethene	8.84	95	15337	2.261	ug/L #	2
40) 1,2-Dichloropropane	9.27	63	17567	3.103	ug/L #	85
45) trans-1,3-Dichloropropene	10.58	75	2730	0.355	ug/L	83
59) 1,2,3-Trichloropropane	13.56	75	20657	5.097	ug/L	93
69) Naphthalene	15.37	128	5375	0.406	ug/L	97

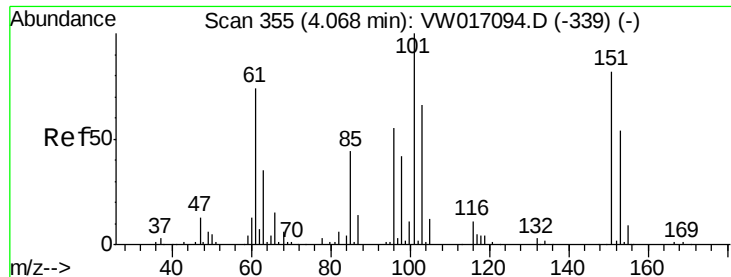
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 04:26:24 2020
Response via : Initial Calibration





#11

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

Concen: 0.374 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017098.D

Acq: 06 Nov 2020 14:17

Instrument :

MSVOA_W

ClientSampled :

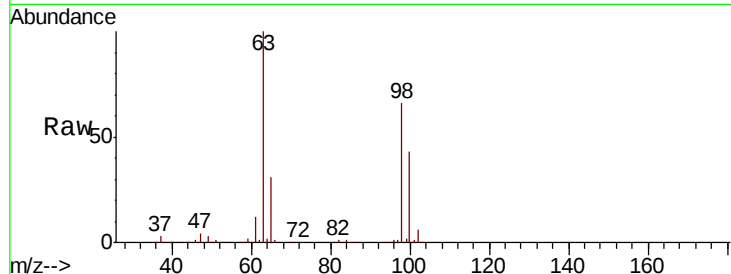
Tot Ion:101 Resp: 2537

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

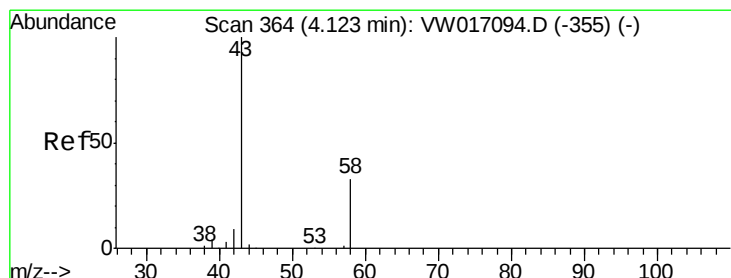
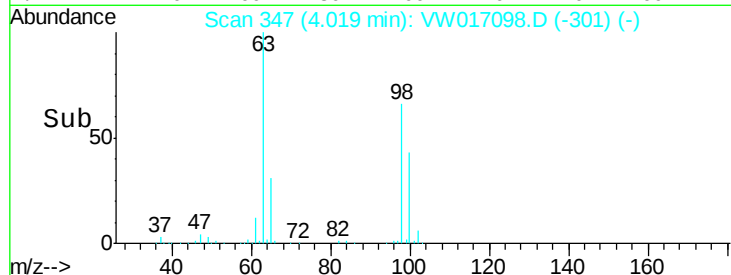
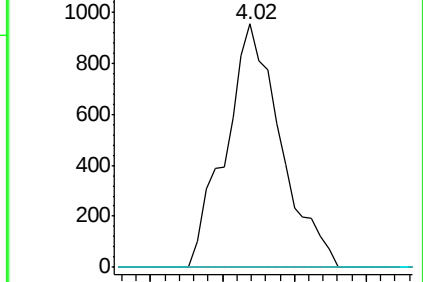
151 0.0 65.4 98.2#



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: 10.905 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017098.D

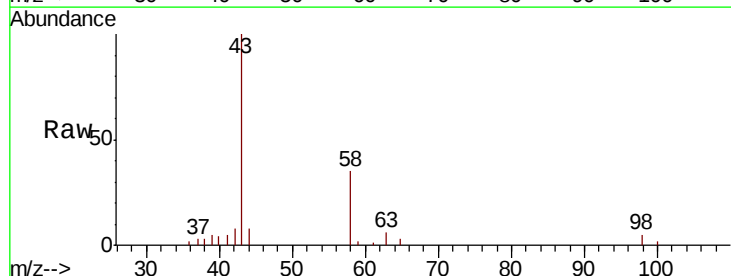
Acq: 06 Nov 2020 14:17

Tgt Ion: 43 Resp: 10795

Ion Ratio Lower Upper

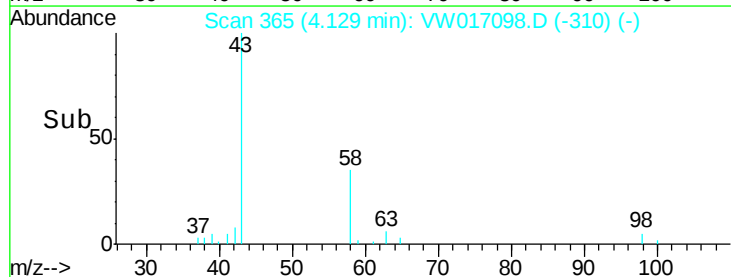
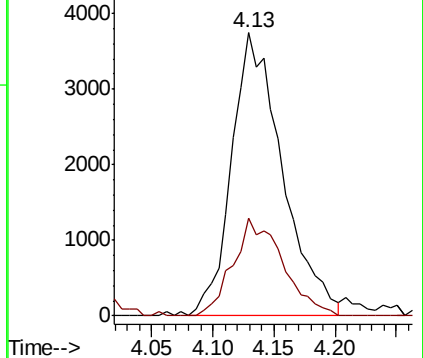
43 100

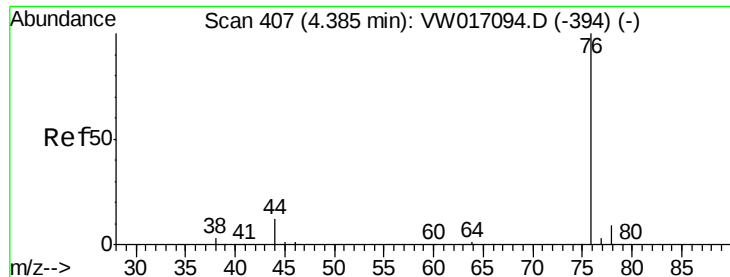
58 16.8 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#14

Carbon disulfide

Concen: 0.262 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW017098.D

Acq: 06 Nov 2020 14:17

Instrument :

MSVOA_W

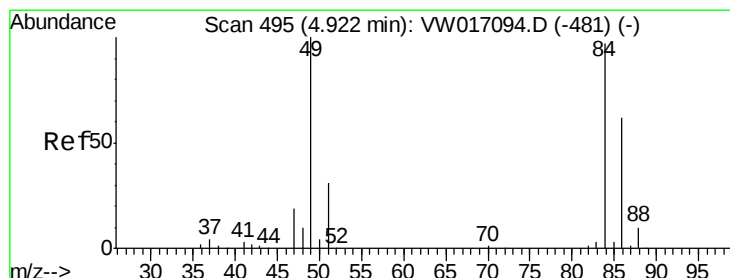
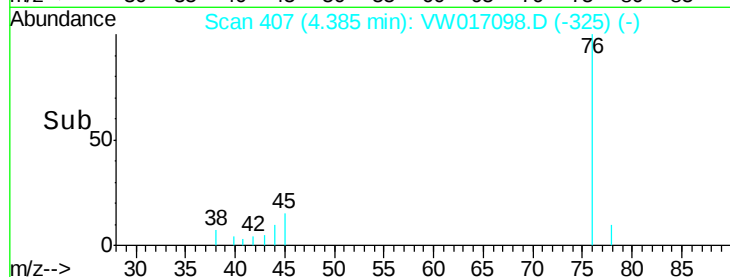
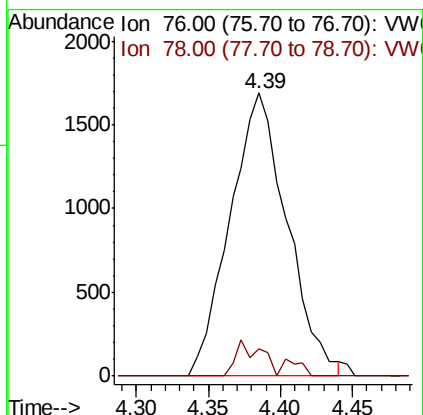
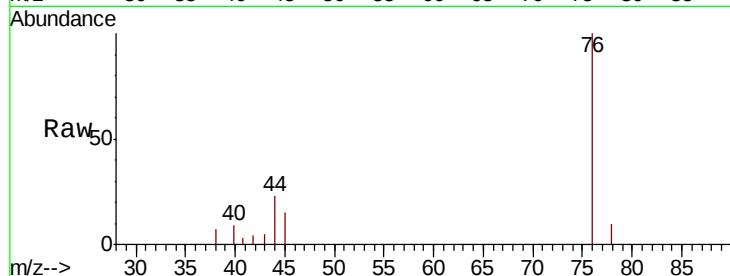
ClientSampleId :

Tot Ion: 76 Resp: 4646

Ion Ratio Lower Upper

76 100

78 9.7 7.6 11.4



#16

Methylene chloride

Concen: 3.407 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017098.D

Acq: 06 Nov 2020 14:17

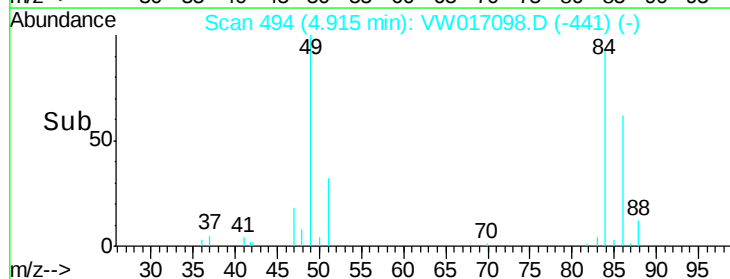
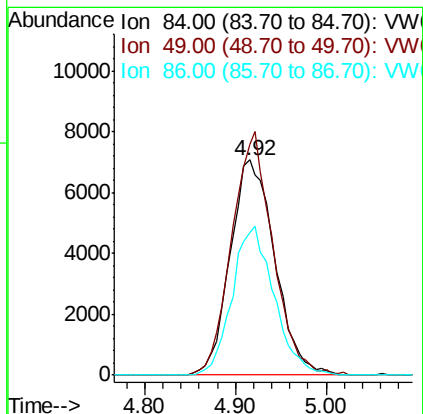
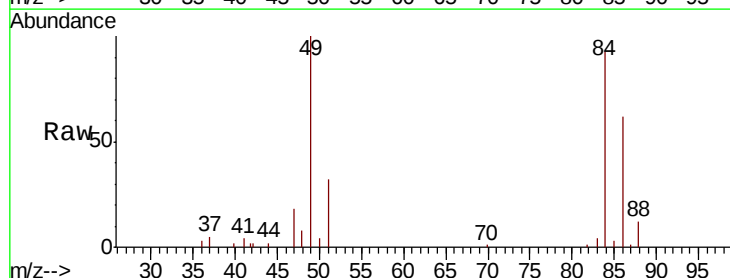
Tgt Ion: 84 Resp: 24110

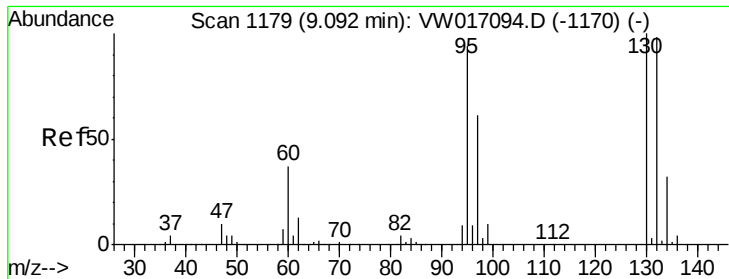
Ion Ratio Lower Upper

84 100

49 107.5 72.3 134.3

86 66.3 45.1 83.7

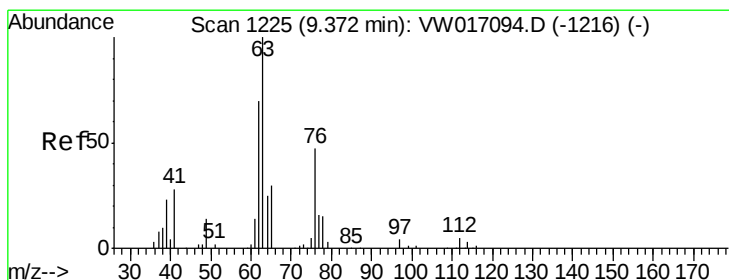
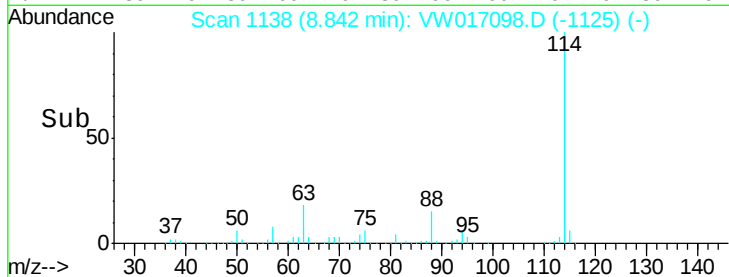
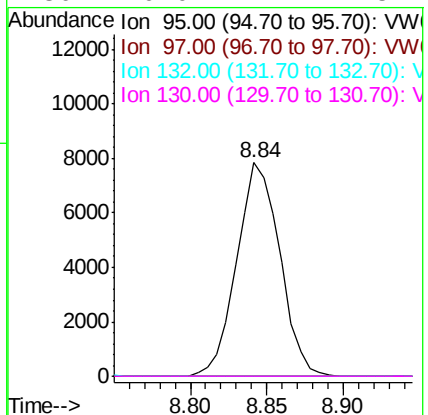
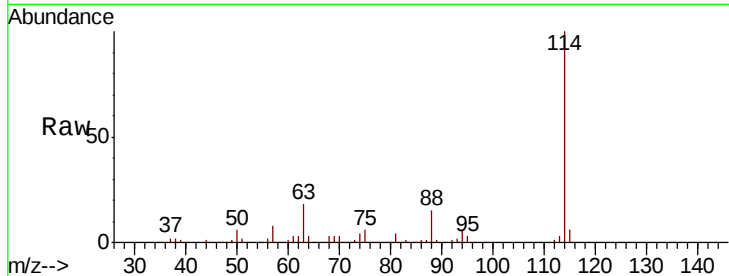




#35
 Trichloroethene
 Concen: 2.261 ug/L
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.25 min
 Lab File: VW017098.D
 Acq: 06 Nov 2020 14:17

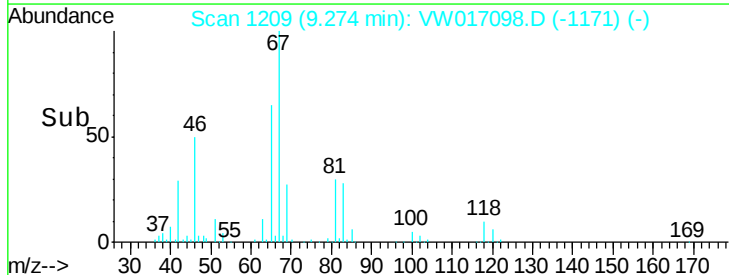
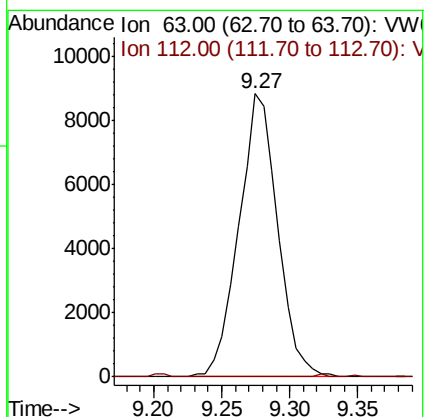
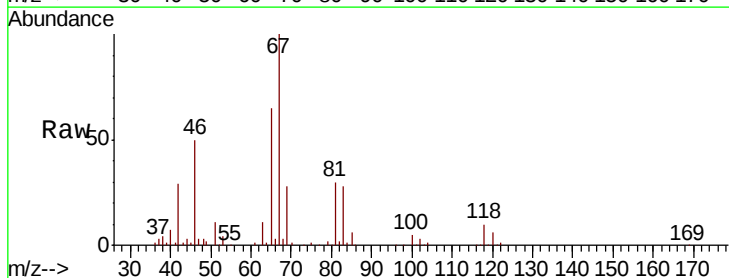
Instrument :
 MSVOA_W
 ClientSampled :

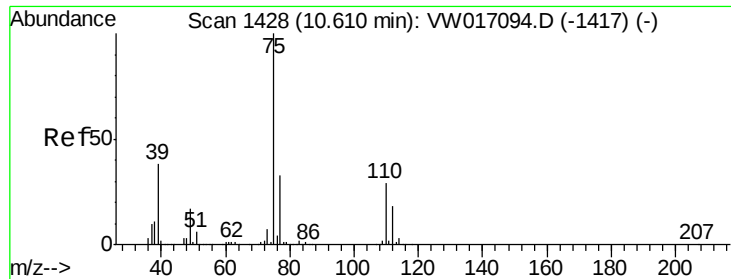
Tot Ion	95	Resp	15337
Ion Ratio	Lower	Upper	
95	100		
97	0.0	45.0	83.6#
132	0.5	73.7	136.9#
130	0.0	77.1	143.1#



#40
 1,2-Dichloropropane
 Concen: 3.103 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017098.D
 Acq: 06 Nov 2020 14:17

Tgt Ion	63	Resp	17567
Ion Ratio	Lower	Upper	
63	100		
112	0.3	4.2	6.2#





#45

trans-1,3-Dichloropropene

Concen: 0.355 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017098.D

Acq: 06 Nov 2020 14:17

Instrument :

MSVOA_W

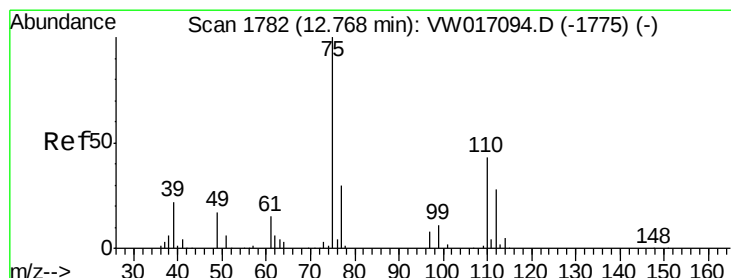
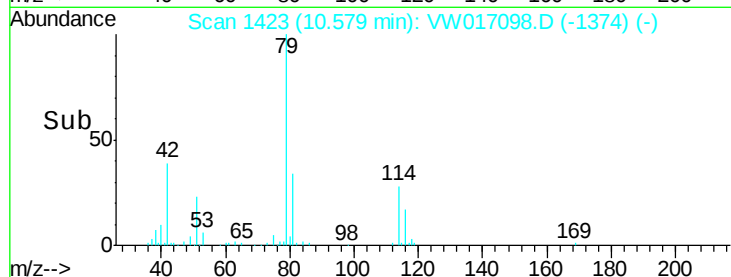
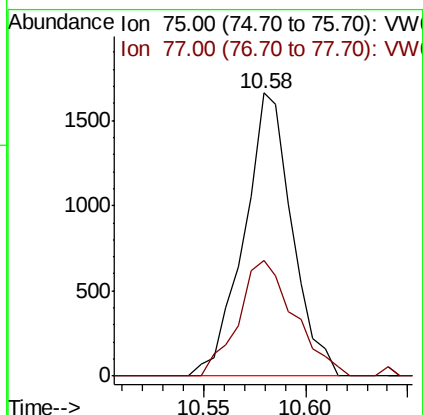
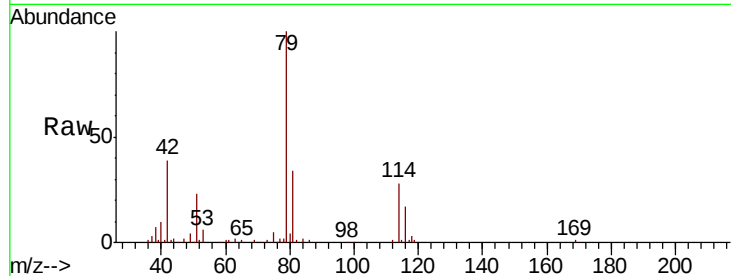
ClientSampleId :

Tot Ion: 75 Resp: 2730

Ion Ratio Lower Upper

75 100

77 40.8 22.1 41.1



#59

1,2,3-Trichloropropane

Concen: 5.097 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017098.D

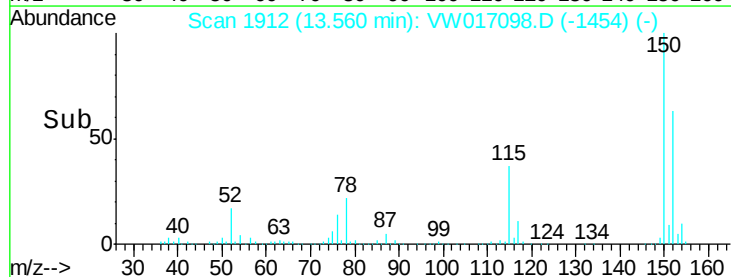
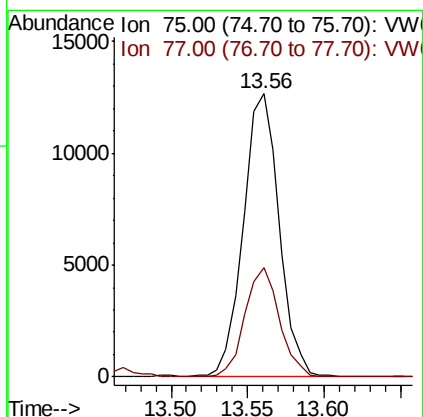
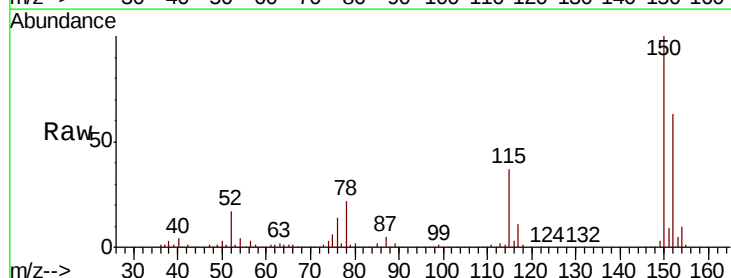
Acq: 06 Nov 2020 14:17

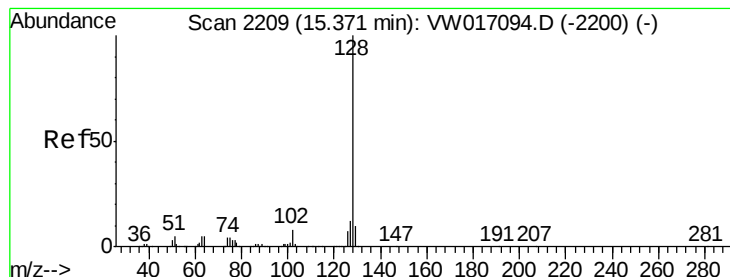
Tgt Ion: 75 Resp: 20657

Ion Ratio Lower Upper

75 100

77 37.1 26.4 39.6





#69

Naphthalene

Concen: 0.406 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

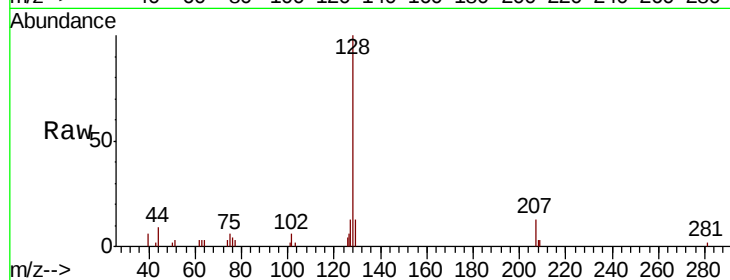
Lab File: VW017098.D

Acq: 06 Nov 2020 14:17

Instrument :

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ClientSampleId :



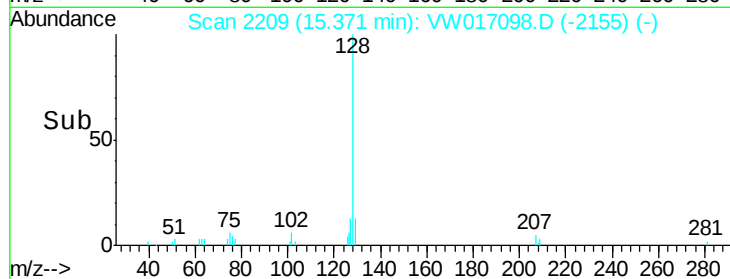
Tot Ion:128 Resp: 5375

Ion Ratio Lower Upper

128 100

129 11.7 8.6 12.8

127 13.8 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

