

Data File : VW017432.D
Acq On : 20 Nov 2020 21:51
Operator : SY/VA
Sample : L4819-11
Misc : 5.12G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BA4

Quant Time: Nov 21 02:28:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 02:27:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	382073	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	344882	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167744	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	107938	19.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.32%
7) Chloroethane-d5	2.89	69	95664	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.16%
10) 1,1-Dichloroethene-d2	4.02	63	159054	16.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.28%
20) 2-Butanone-d5	7.07	46	46587	50.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.30%
24) Chloroform-d	7.65	84	231794	23.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.36%
26) 1,2-Dichloroethane-d4	8.30	65	118011	24.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.32%
29) Benzene-d6	8.27	84	454208	23.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.44%
33) 1,2-Dichloropropane-d6	9.27	67	123401	23.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.28%
37) Toluene-d8	10.32	98	436628	23.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.44%
38) trans-1,3-Dichloropropene-	10.58	79	52327	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.80%
39) 2-Hexanone-d5	10.93	63	37929	54.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99868	25.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	157765	25.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.92%

Target Compounds

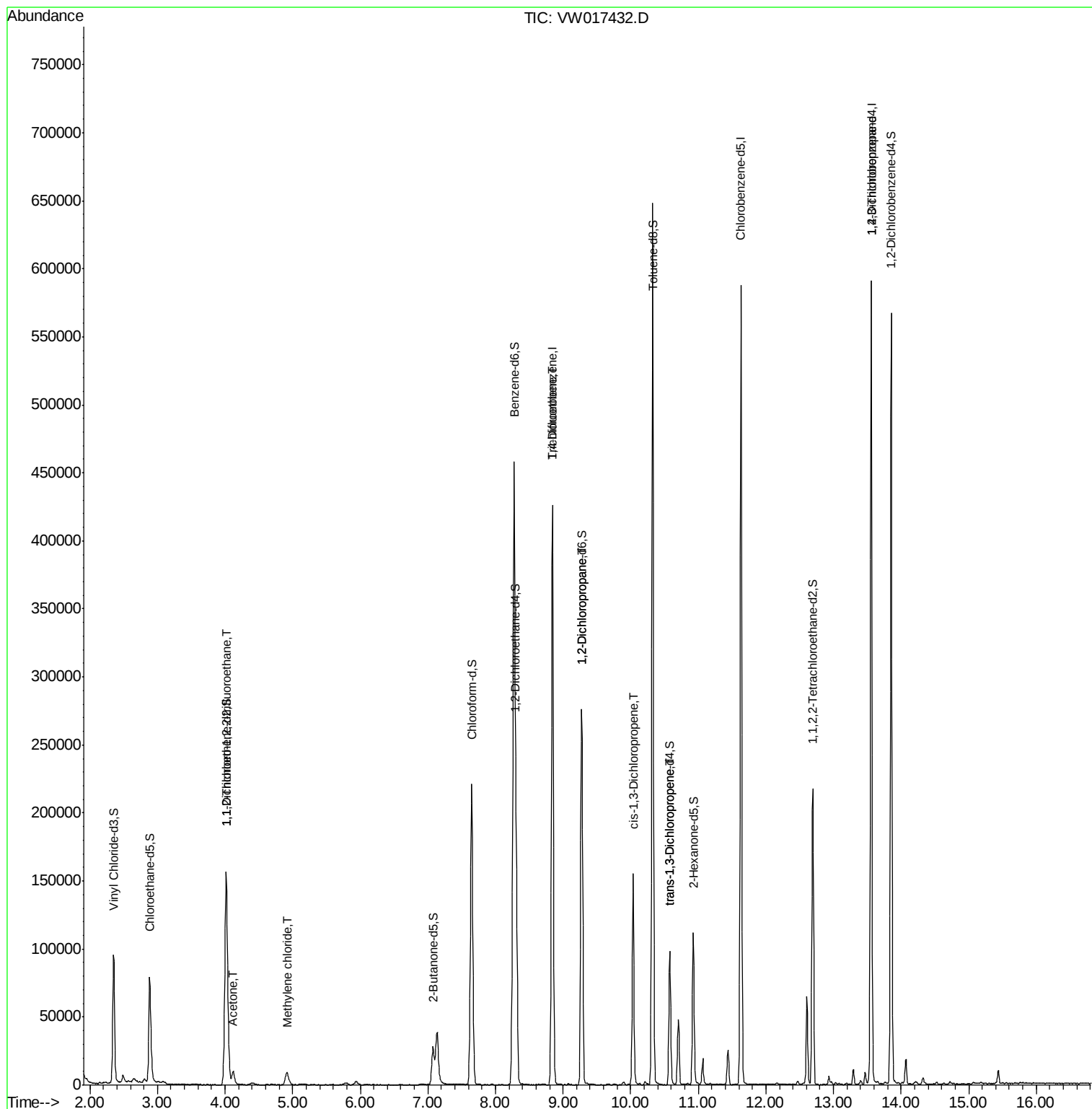
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1693	0.323	ug/L #	16
13) Acetone	4.12	43	16477	24.311	ug/L	84
16) Methylene chloride	4.92	84	8099	1.239	ug/L	96
35) Trichloroethene	8.84	95	11130	2.020	ug/L #	2
40) 1,2-Dichloropropane	9.28	63	14686	3.332	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4661	0.681	ug/L	83
45) trans-1,3-Dichloropropene	10.58	75	2939	0.507	ug/L #	82
59) 1,2,3-Trichloropropane	13.55	75	18500	6.812	ug/L	99

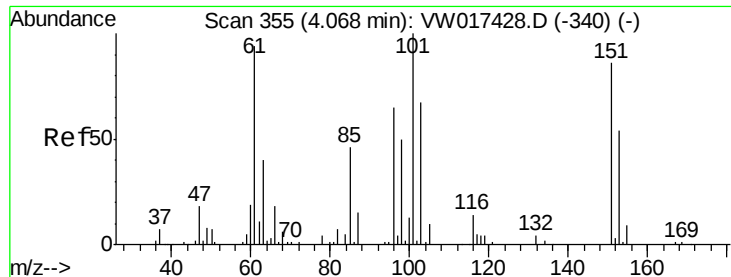
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.323 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

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MSVOA_W

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C0BA4

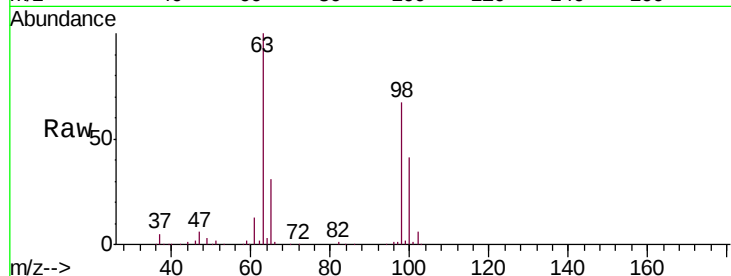
Tgt Ion:101 Resp: 1693

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

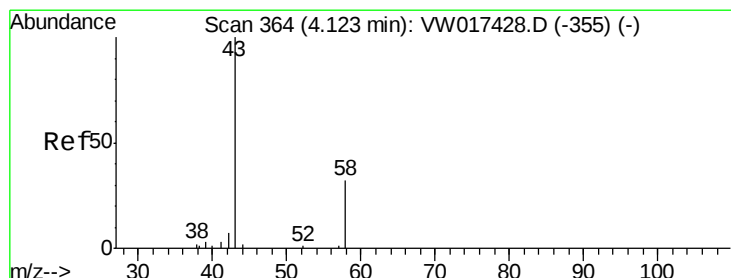
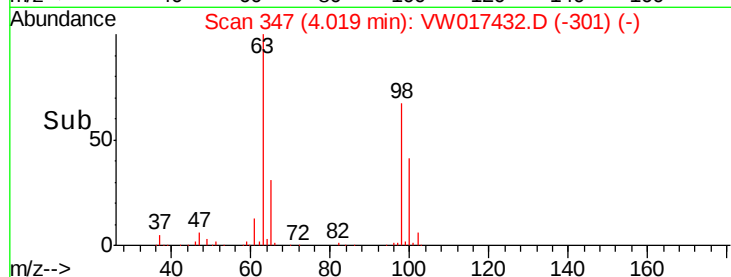
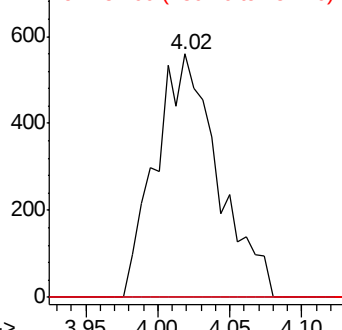
151 0.0 66.3 99.5#



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: 24.311 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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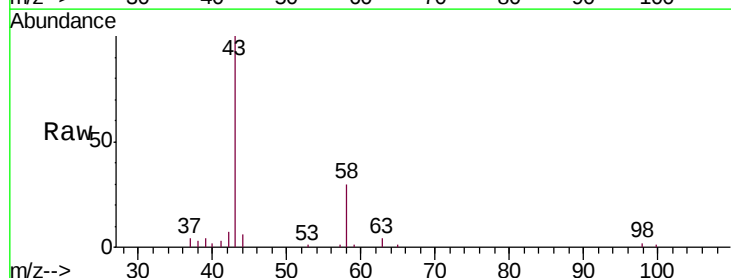
Acq: 20 Nov 2020 21:51

Tgt Ion: 43 Resp: 16477

Ion Ratio Lower Upper

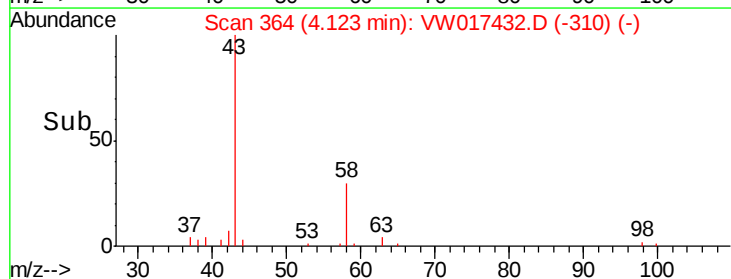
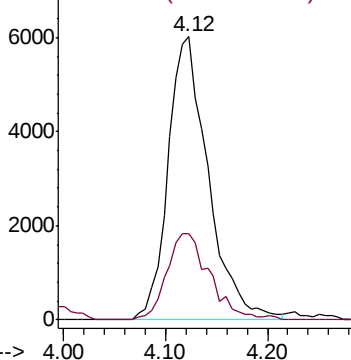
43 100

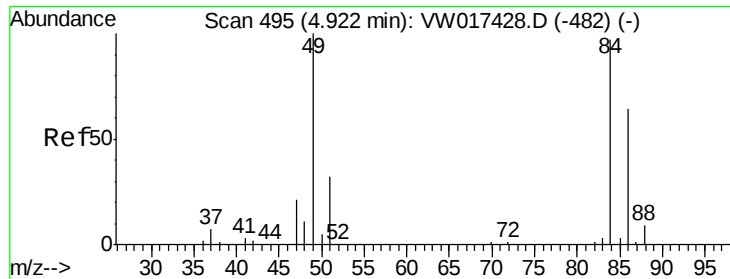
58 24.2 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

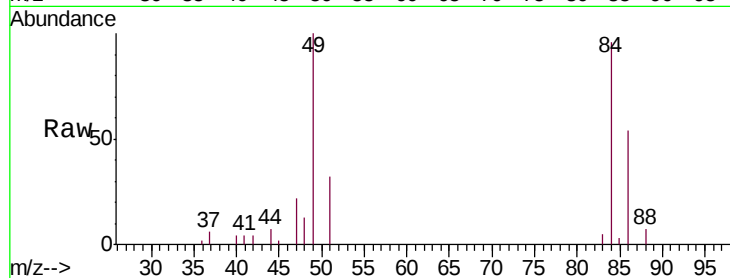




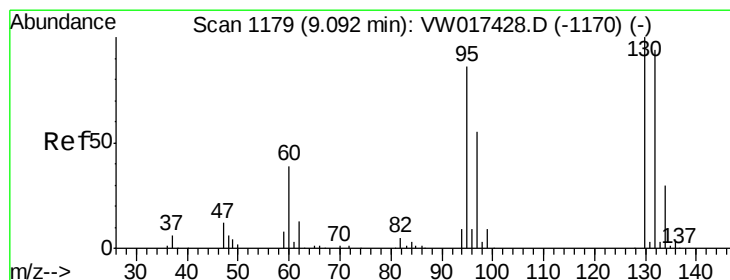
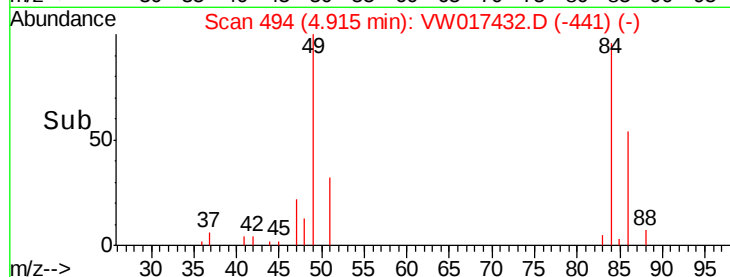
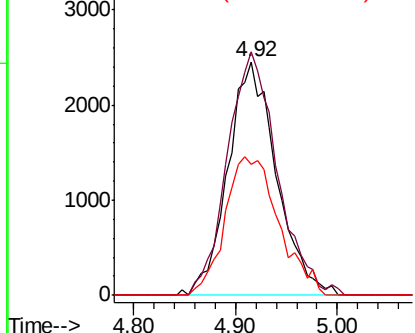
#16
Methylene chloride
Concen: 1.239 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
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MSVOA_W
ClientSampleId :
C0BA4

Tgt Ion: 84 Resp: 8099
Ion Ratio Lower Upper
84 100
49 104.1 71.5 132.9
86 55.7 42.8 79.4

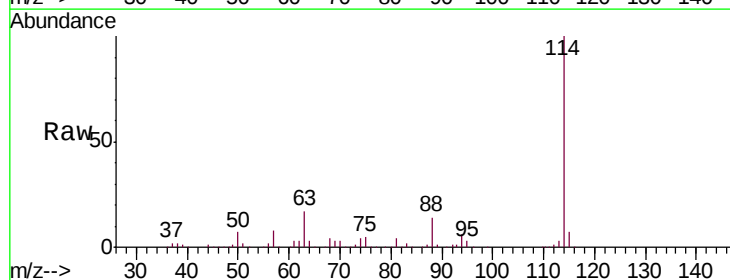


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

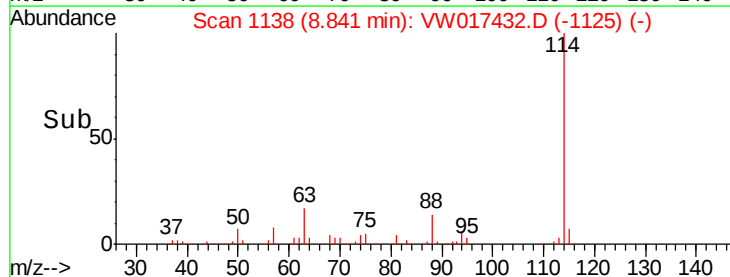
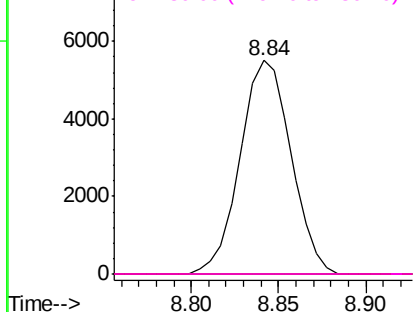


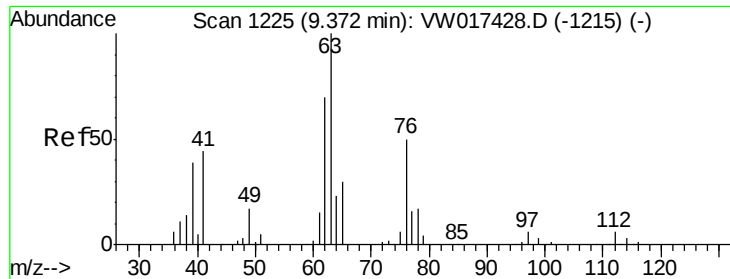
#35
Trichloroethene
Concen: 2.020 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW017432.D
Acq: 20 Nov 2020 21:51

Tgt Ion: 95 Resp: 11130
Ion Ratio Lower Upper
95 100
97 0.0 44.7 82.9#
132 0.0 72.7 134.9#
130 0.0 76.1 141.3#



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): V
Ion 130.00 (129.70 to 130.70): V

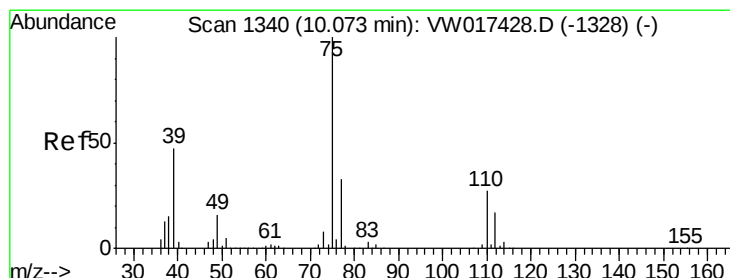
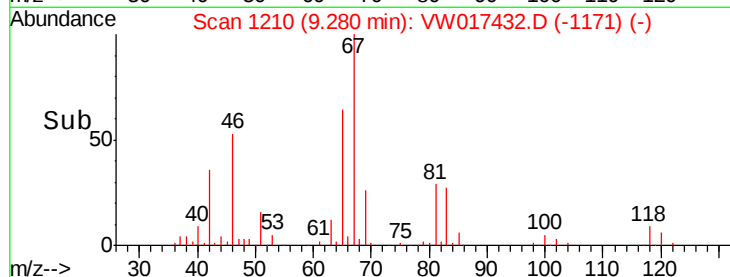
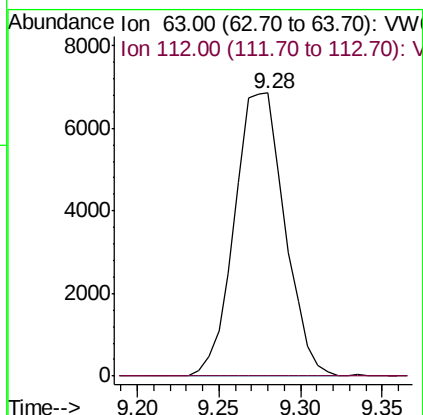
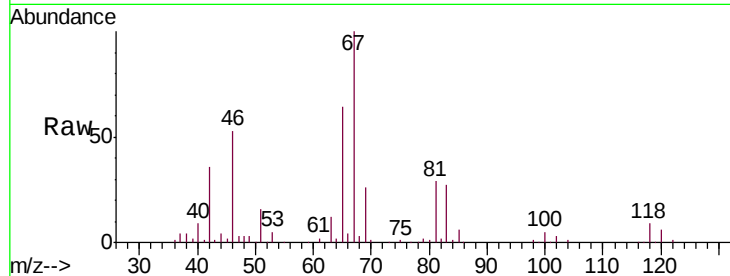




#40
 1,2-Dichloropropane
 Concen: 3.332 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW017432.D
 Acq: 20 Nov 2020 21:51

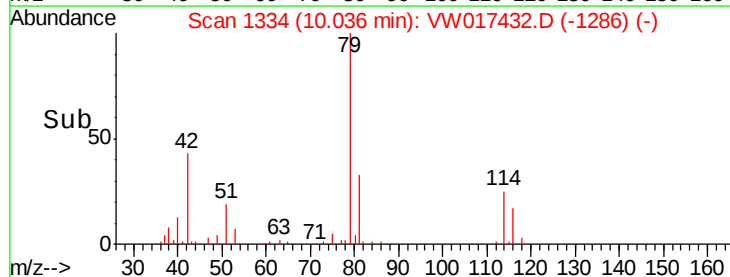
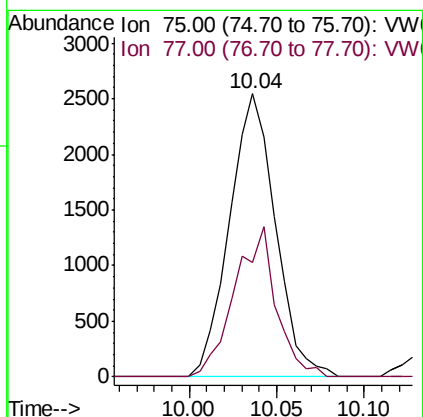
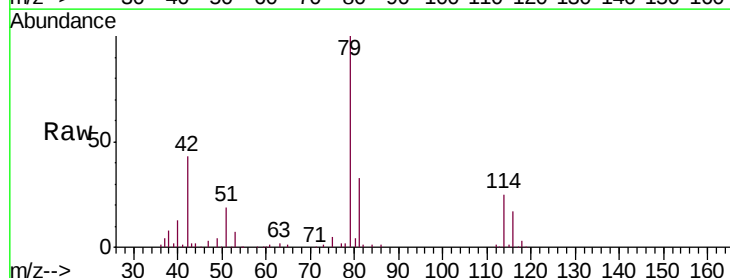
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 C0BA4

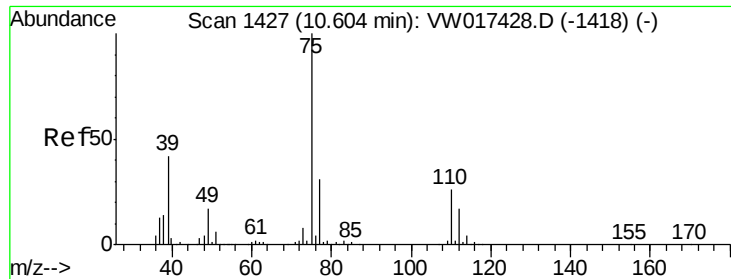
Tgt Ion: 63 Resp: 14686
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.681 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017432.D
 Acq: 20 Nov 2020 21:51

Tgt Ion: 75 Resp: 4661
 Ion Ratio Lower Upper
 75 100
 77 40.3 21.8 40.4

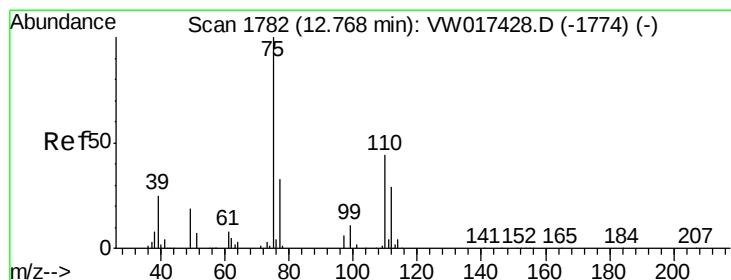
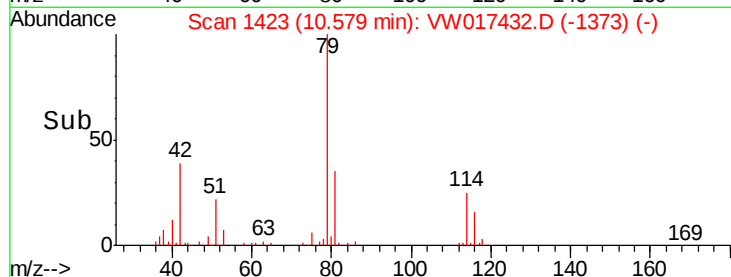
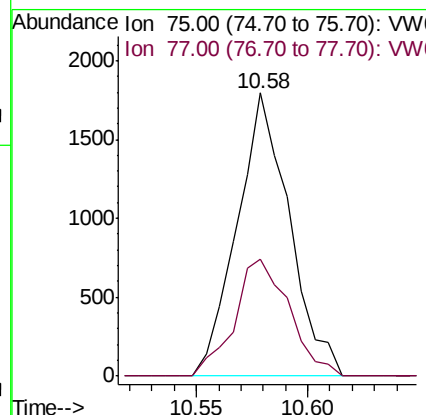
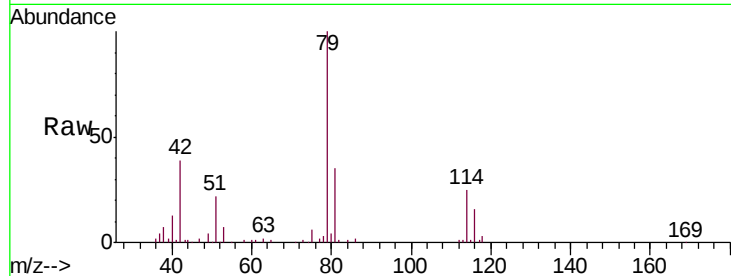




#45
trans-1,3-Dichloropropene
Concen: 0.507 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW017432.D
Acq: 20 Nov 2020 21:51

Instrument :
MSVOA_W
ClientSampled :
C0BA4

Tgt Ion: 75 Resp: 2939
Ion Ratio Lower Upper
75 100
77 41.2 22.0 40.8#



#59
1,2,3-Trichloropropane
Concen: 6.812 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW017432.D
Acq: 20 Nov 2020 21:51

Tgt Ion: 75 Resp: 18500
Ion Ratio Lower Upper
75 100
77 32.7 26.6 40.0

