

Data File : VW017449.D
Acq On : 21 Nov 2020 04:31
Operator : SY/VA
Sample : L4860-16
Misc : 6.11G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BE2

Quant Time: Nov 21 05:36:25 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	8.85	114	407811	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	369506	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167811	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115664	19.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.64%
7) Chloroethane-d5	2.89	69	117504	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.00%
10) 1,1-Dichloroethene-d2	4.02	63	162207	15.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.44%
20) 2-Butanone-d5	7.07	46	40372	40.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.44%
24) Chloroform-d	7.65	84	237657	22.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.72%
26) 1,2-Dichloroethane-d4	8.30	65	119099	23.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.04%
29) Benzene-d6	8.27	84	469766	22.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.20%
33) 1,2-Dichloropropane-d6	9.27	67	161078	29.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.12%
37) Toluene-d8	10.32	98	445267	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.84%
38) trans-1,3-Dichloropropene-	10.58	79	49253	20.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.56%
39) 2-Hexanone-d5	10.93	63	30739	41.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94334	22.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	147433	23.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.20%

Target Compounds

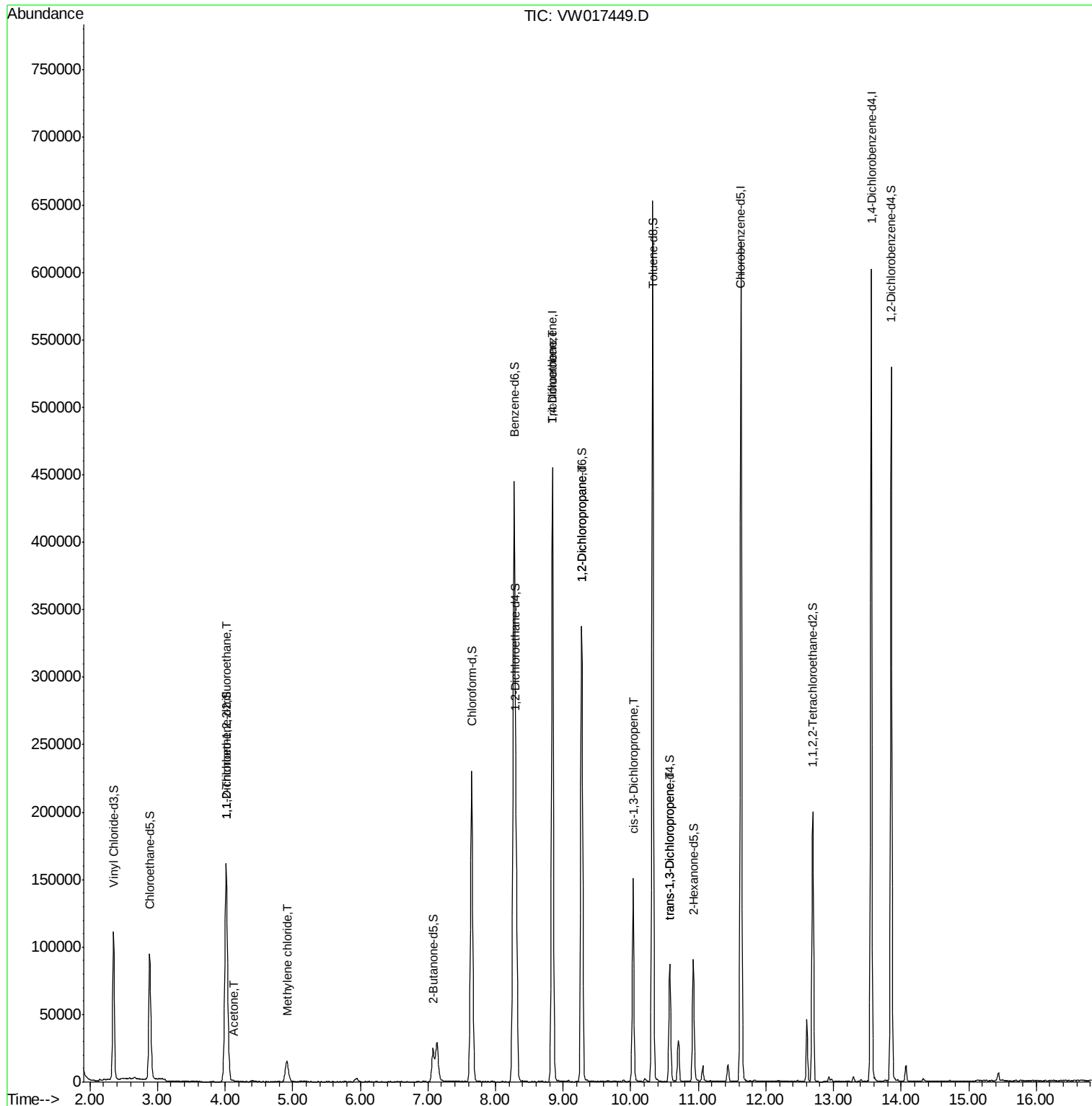
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1413	0.253 ug/L #	16
13) Acetone	4.13	43	783	1.082 ug/L	57
16) Methylene chloride	4.91	84	13330	1.911 ug/L	94
35) Trichloroethene	8.85	95	12397	2.099 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	18239	3.863 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4145	0.566 ug/L #	73
45) trans-1,3-Dichloropropene	10.57	75	2538	0.409 ug/L	96

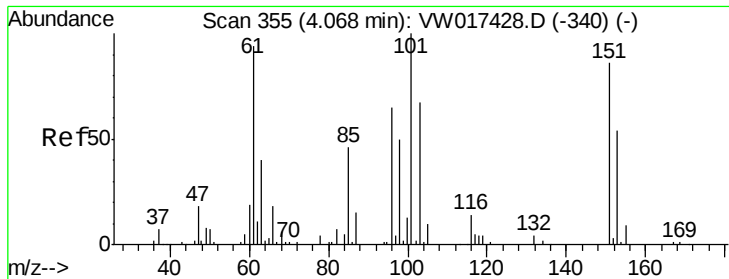
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.253 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

Lab File: VW017449.D

Acq: 21 Nov 2020 04:31

Instrument :

MSVOA_W

ClientSampled :

C0BE2

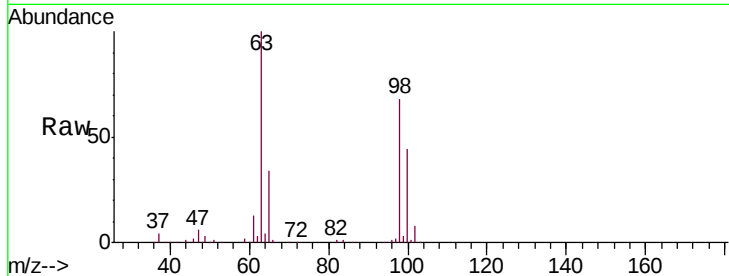
Tgt Ion: 101 Resp: 1413

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 66.3 99.5#

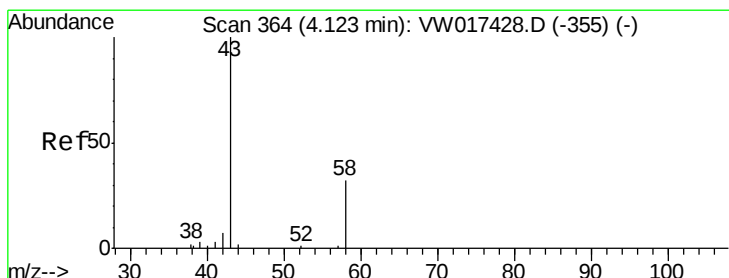
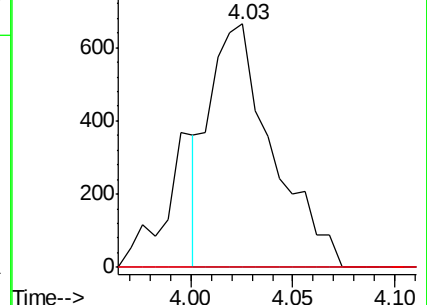
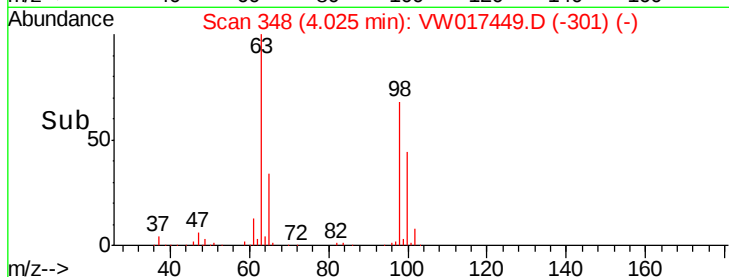


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V

4.03



#13

Acetone

Concen: 1.082 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017449.D

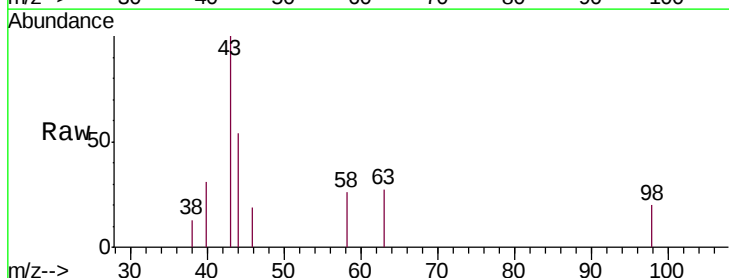
Acq: 21 Nov 2020 04:31

Tgt Ion: 43 Resp: 783

Ion Ratio Lower Upper

43 100

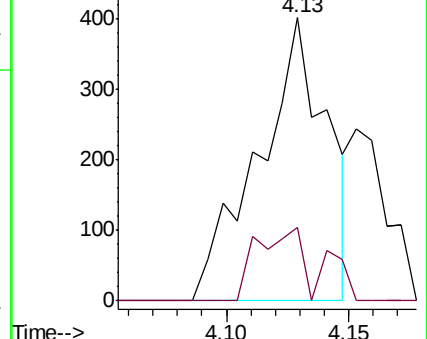
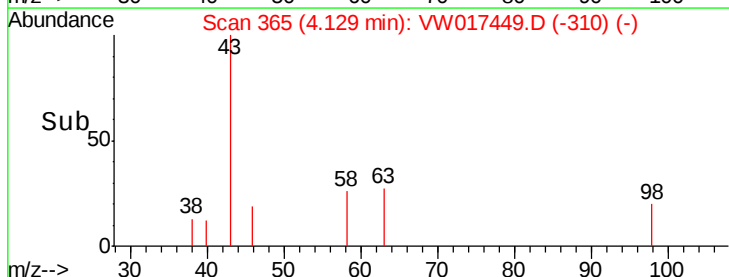
58 8.9 0.0 67.0

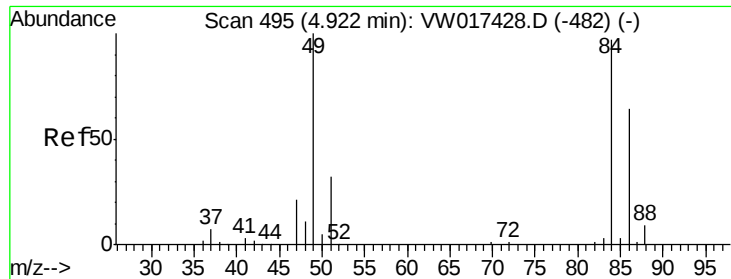


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

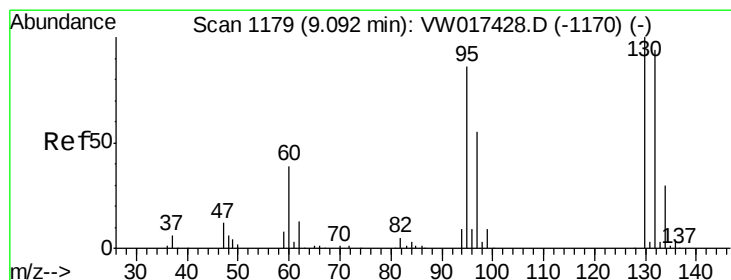
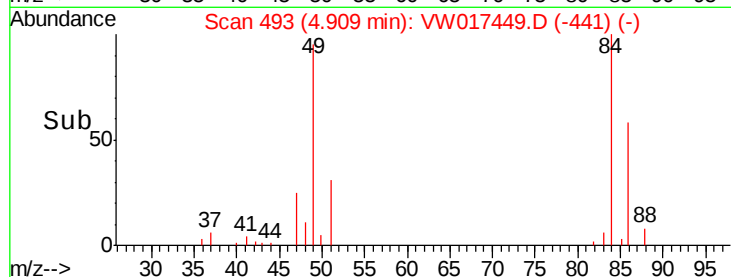
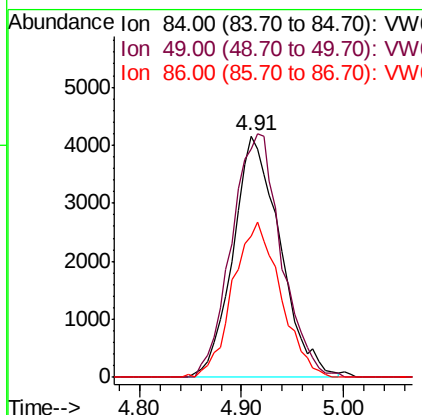
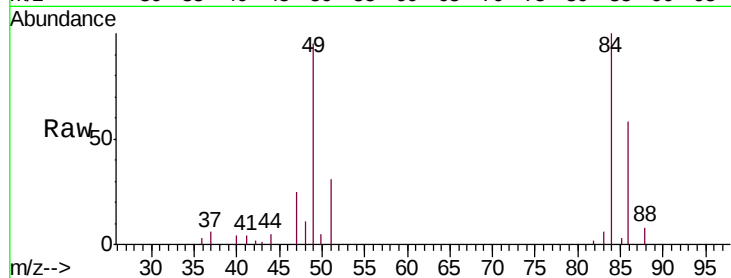




#16
Methylene chloride
Concen: 1.911 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW017449.D
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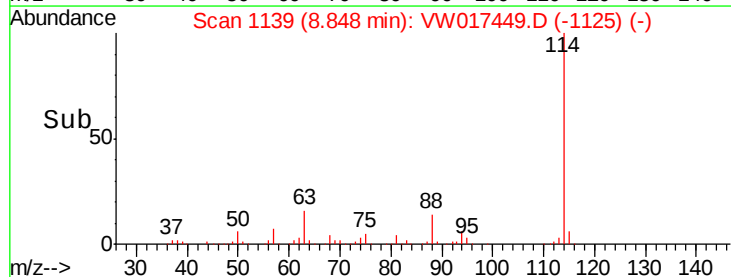
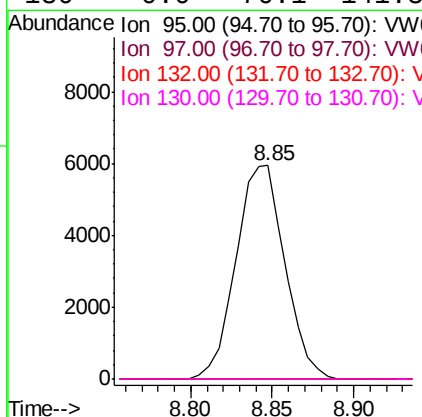
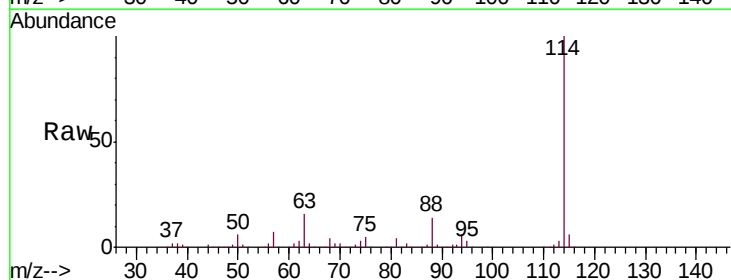
Instrument :
MSVOA_W
ClientSampled :
C0BE2

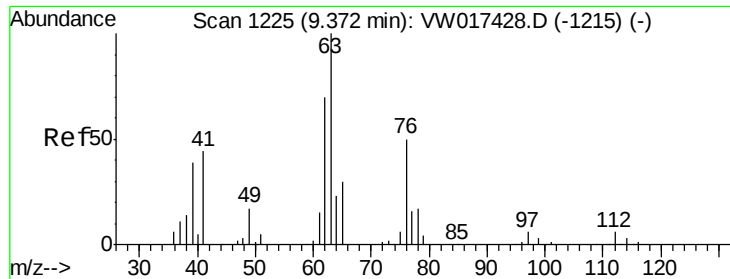
Tgt Ion: 84 Resp: 13330
Ion Ratio Lower Upper
84 100
49 94.7 71.5 132.9
86 58.3 42.8 79.4



#35
Trichloroethene
Concen: 2.099 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW017449.D
Acq: 21 Nov 2020 04:31

Tgt Ion: 95 Resp: 12397
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#

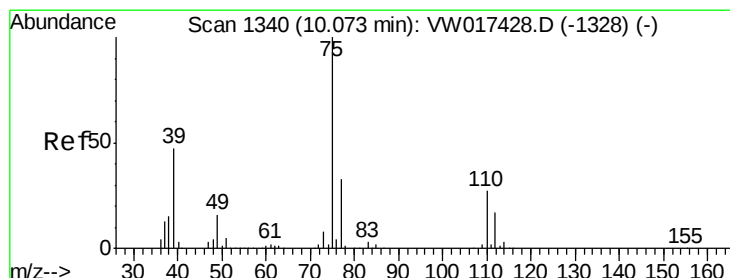
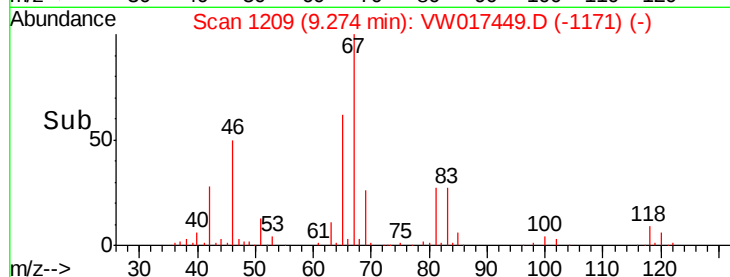
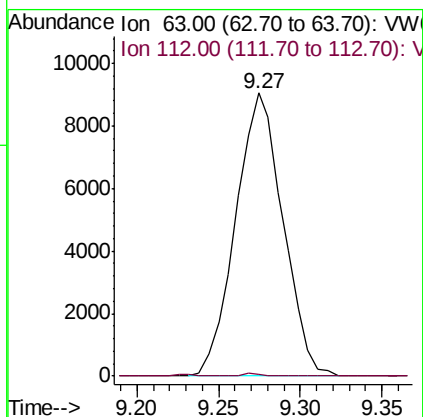
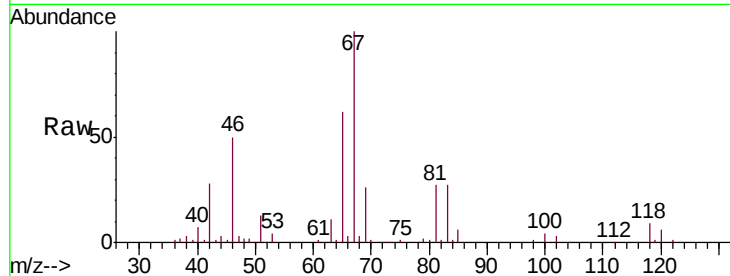




#40
 1,2-Dichloropropane
 Concen: 3.863 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017449.D
 Acq: 21 Nov 2020 04:31

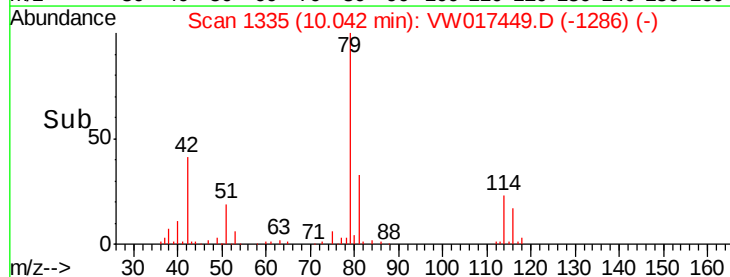
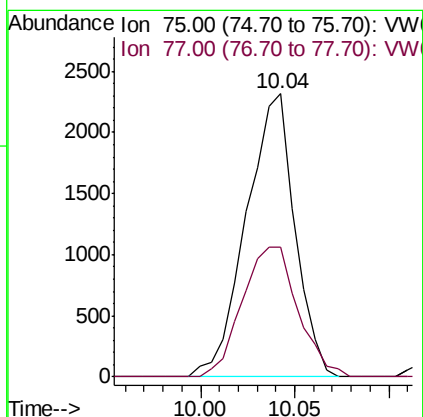
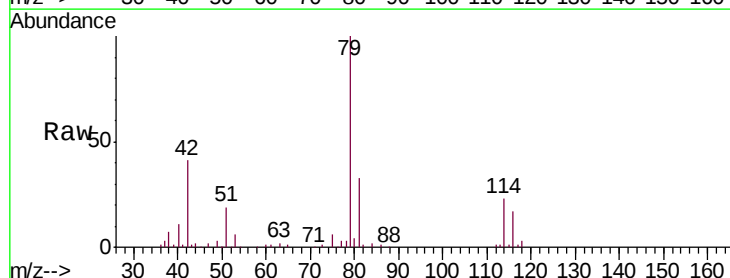
Instrument :
 MSVOA_W
 ClientSampleId :
 C0BE2

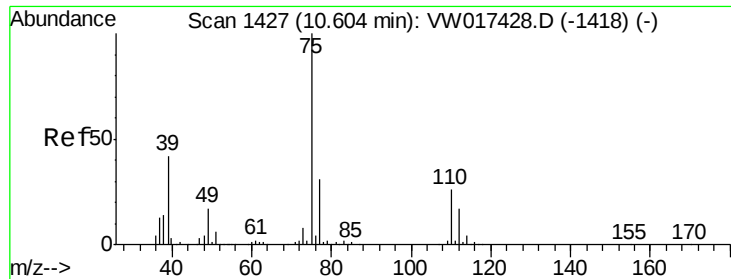
Tgt Ion: 63 Resp: 18239
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.2 6.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.566 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW017449.D
 Acq: 21 Nov 2020 04:31

Tgt Ion: 75 Resp: 4145
 Ion Ratio Lower Upper
 75 100
 77 46.0 21.8 40.4#





#45

trans-1,3-Dichloropropene

Concen: 0.409 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW017449.D

Acq: 21 Nov 2020 04:31

Instrument :

MSVOA_W

ClientSampleId :

C0BE2

Tgt Ion: 75 Resp: 2538

Ion Ratio Lower Upper

75 100

77 33.5 22.0 40.8

