

Data File : VW017446.D
Acq On : 21 Nov 2020 03:20
Operator : SY/VA
Sample : L4860-13
Misc : 5.12G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BD9

Quant Time: Nov 21 04:55:26 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	344820	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	325275	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171720	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	89012	17.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.76%
7) Chloroethane-d5	2.89	69	103912	25.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.52%
10) 1,1-Dichloroethene-d2	4.01	63	132697	14.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.44%
20) 2-Butanone-d5	7.07	46	40981	48.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.76%
24) Chloroform-d	7.65	84	225586	24.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	8.39	65	165	0.04	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.16%#
29) Benzene-d6	8.27	84	425817	23.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.88%
33) 1,2-Dichloropropane-d6	9.27	67	120370	24.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.56%
37) Toluene-d8	10.32	98	401534	23.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.04%
38) trans-1,3-Dichloropropene-	10.58	79	48833	22.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.84%
39) 2-Hexanone-d5	10.93	63	31577	48.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94016	25.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	146610	23.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.52%

Target Compounds

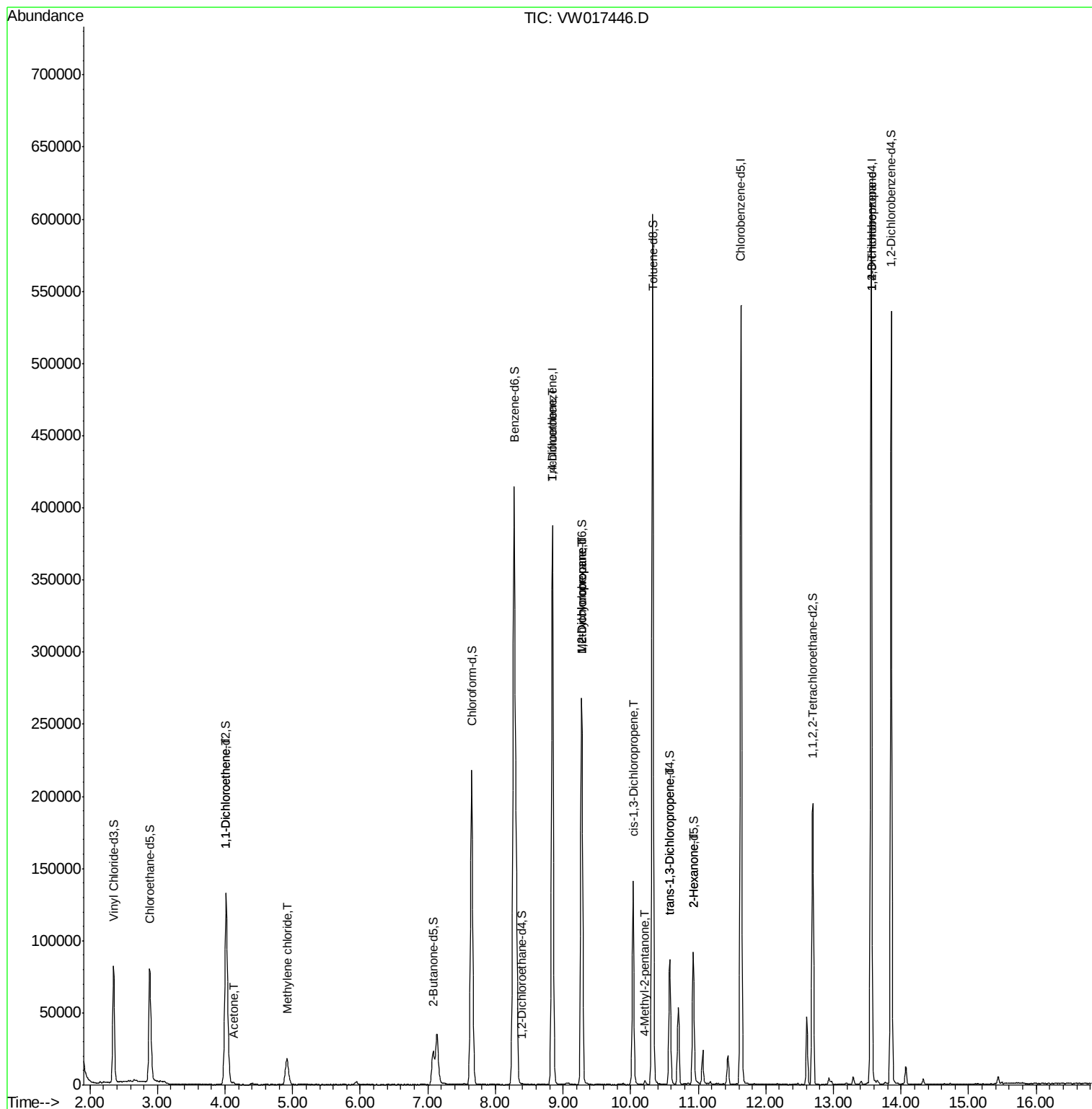
					Qvalue
12) 1,1-Dichloroethene	4.02	96	1217	0.268 ug/L #	1
13) Acetone	4.12	43	1819	2.974 ug/L	99
16) Methylene chloride	4.92	84	16098	2.729 ug/L	93
35) Trichloroethene	8.85	95	10034	1.930 ug/L #	2
36) Methylcyclohexane	9.27	83	32498	3.913 ug/L #	22
40) 1,2-Dichloropropane	9.27	63	14550	3.501 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4120	0.639 ug/L #	64
43) 4-Methyl-2-pentanone	10.21	43	1764	0.855 ug/L	97
45) trans-1,3-Dichloropropene	10.57	75	2498	0.457 ug/L	96
49) 2-Hexanone	10.92	43	4146	3.339 ug/L #	64
59) 1,2,3-Trichloropropane	13.56	75	18011	7.032 ug/L	100

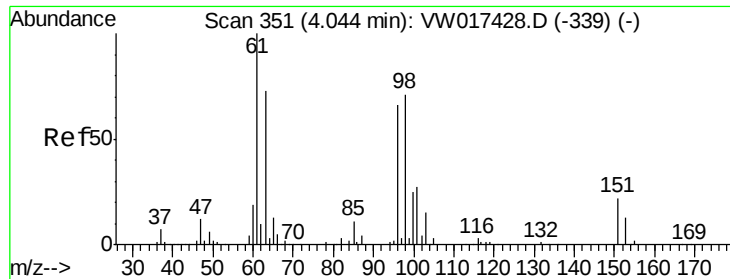
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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#12

1,1-Dichloroethene

Concen: 0.268 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

Lab File: VW017446.D

Acq: 21 Nov 2020 03:20

Instrument :

MSVOA_W

ClientSampled :

C0BD9

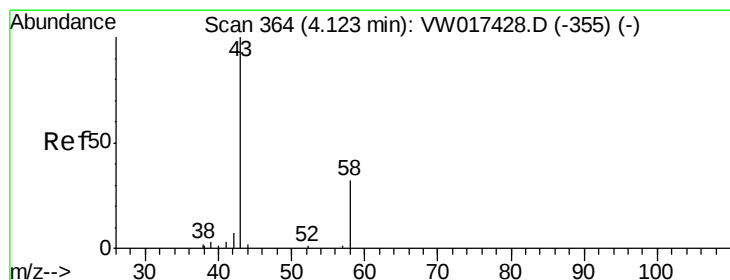
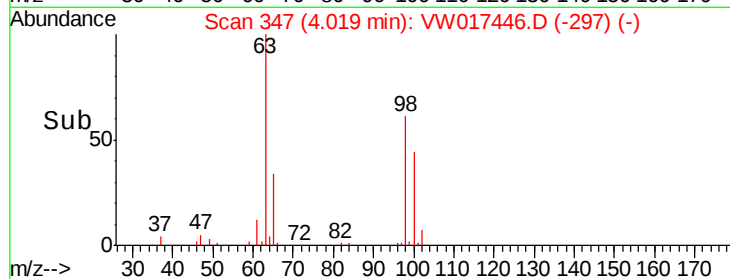
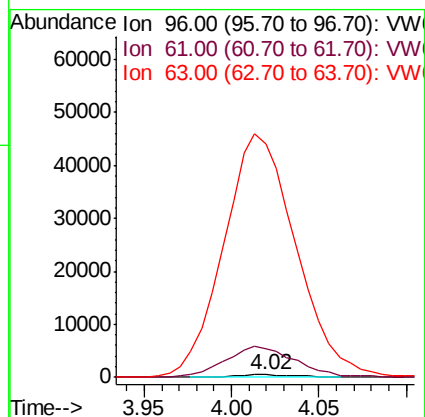
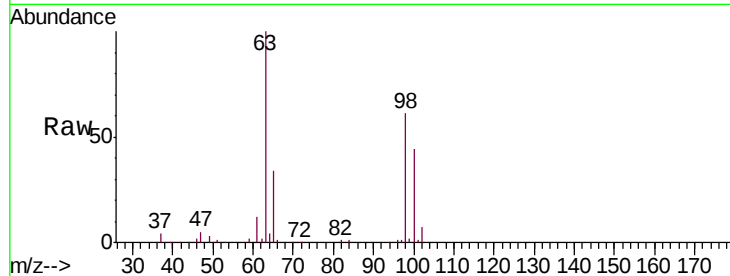
Tgt Ion: 96 Resp: 1217

Ion Ratio Lower Upper

96 100

61 1196.7 104.7 194.4#

63 9689.9 69.6 129.2#



#13

Acetone

Concen: 2.974 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW017446.D

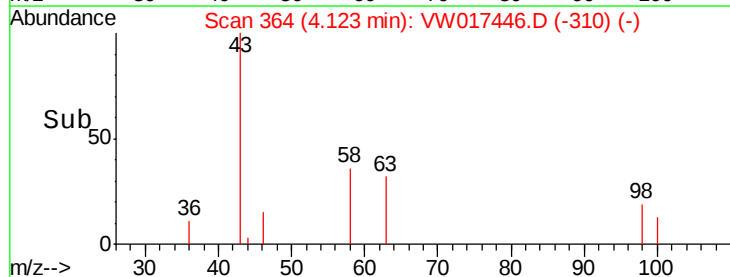
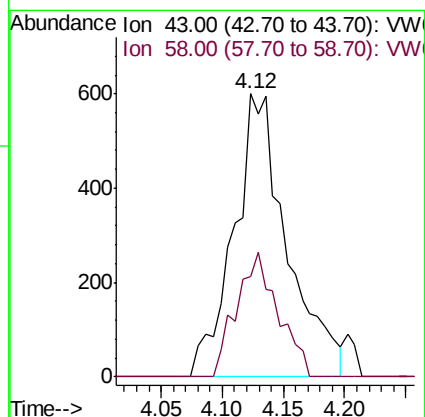
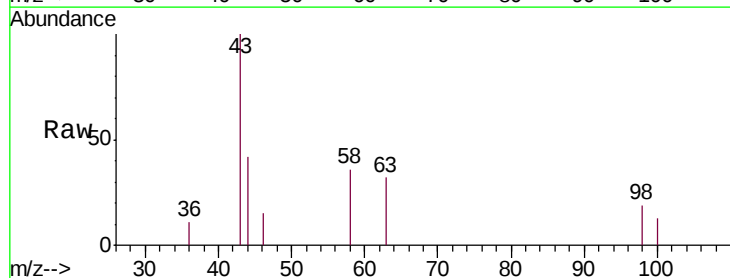
Acq: 21 Nov 2020 03:20

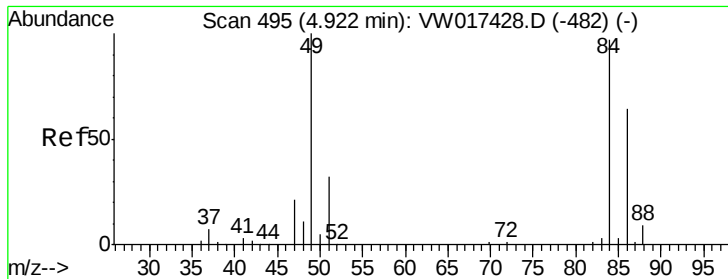
Tgt Ion: 43 Resp: 1819

Ion Ratio Lower Upper

43 100

58 34.1 0.0 67.0

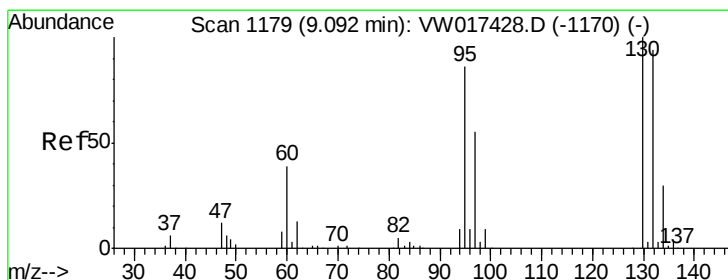
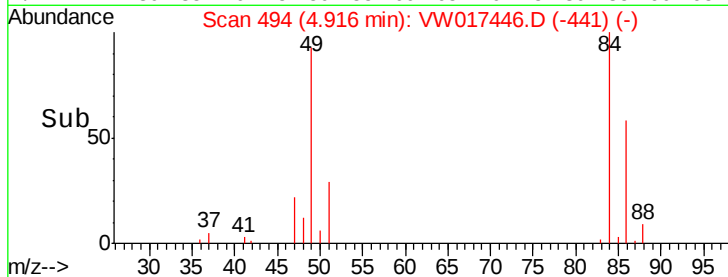
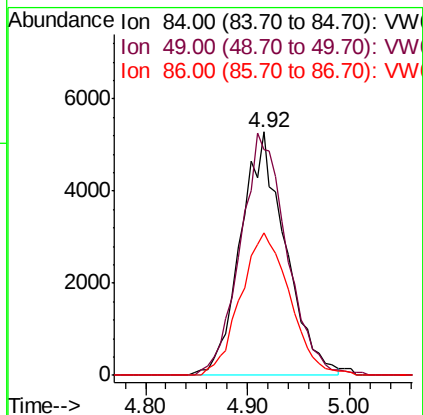
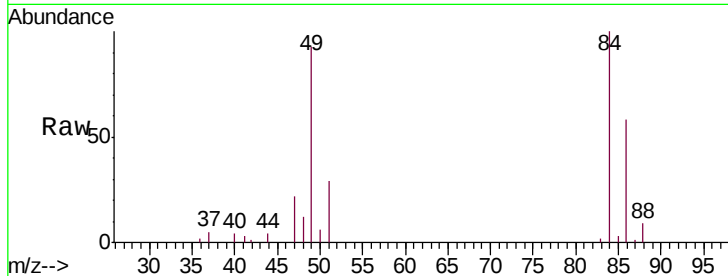




#16
Methylene chloride
Concen: 2.729 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017446.D
Acq: 21 Nov 2020 03:20

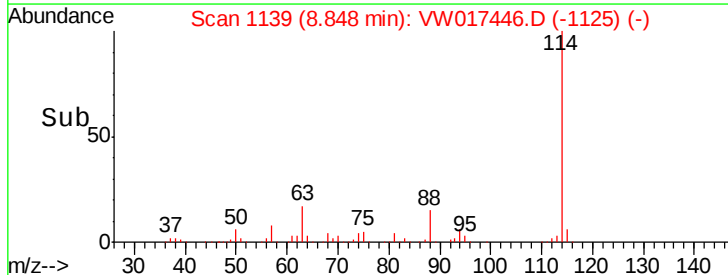
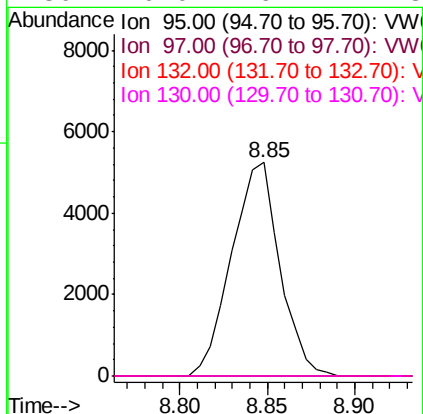
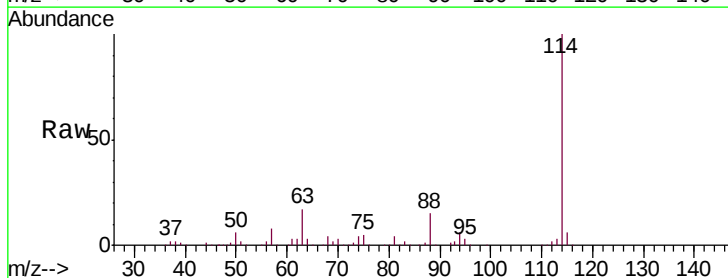
Instrument :
MSVOA_W
ClientSampleId :
C0BD9

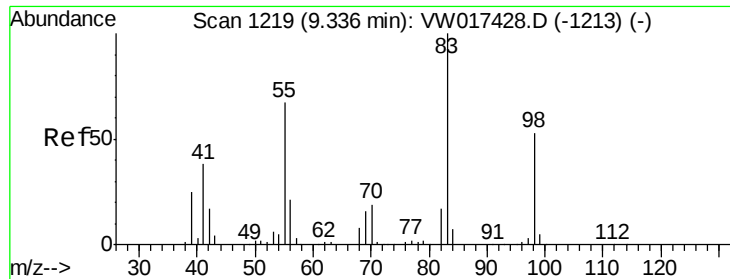
Tgt Ion: 84 Resp: 16098
Ion Ratio Lower Upper
84 100
49 92.9 71.5 132.9
86 58.5 42.8 79.4



#35
Trichloroethene
Concen: 1.930 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW017446.D
Acq: 21 Nov 2020 03:20

Tgt Ion: 95 Resp: 10034
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#

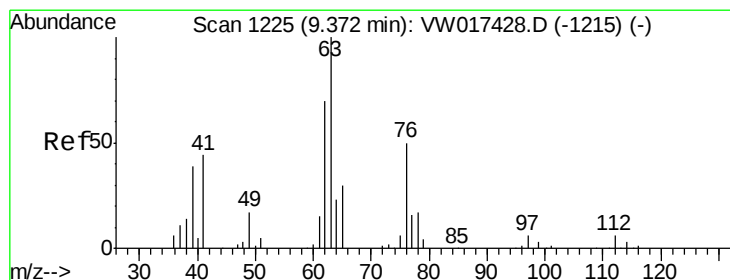
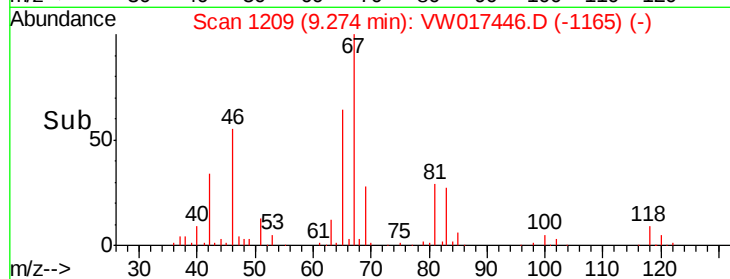
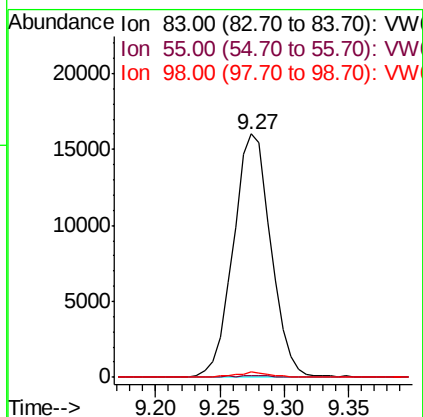
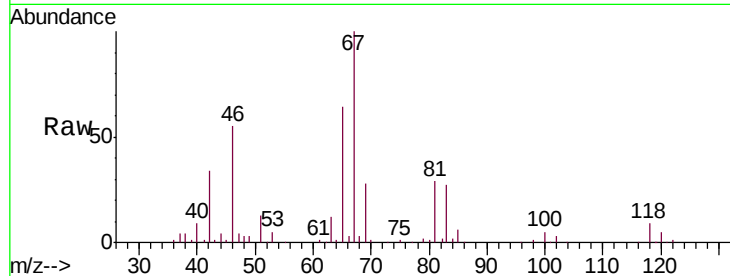




#36
Methylcyclohexane
Concen: 3.913 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017446.D
Acq: 21 Nov 2020 03:20

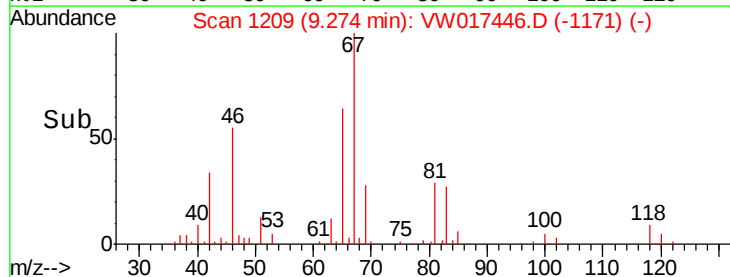
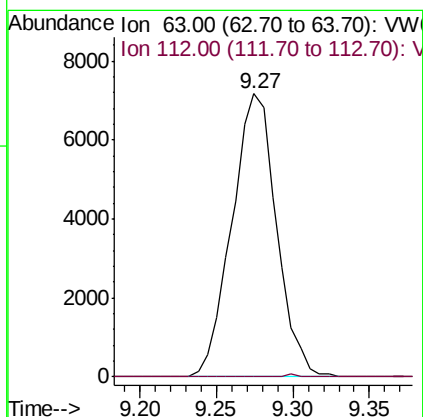
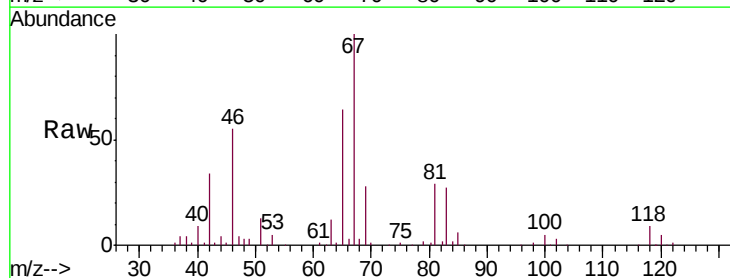
Instrument :
MSVOA_W
ClientSampled :
C0BD9

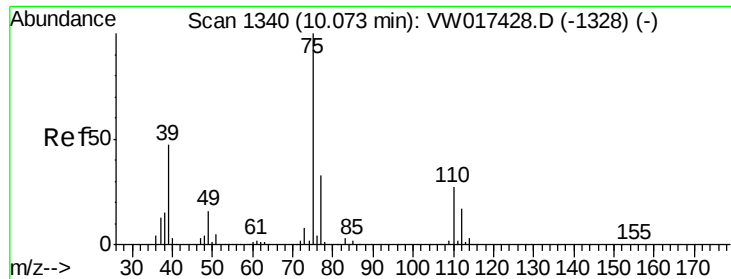
Tgt Ion: 83 Resp: 32498
Ion Ratio Lower Upper
83 100
55 0.2 54.6 81.8#
98 2.0 41.5 62.3#



#40
1,2-Dichloropropane
Concen: 3.501 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW017446.D
Acq: 21 Nov 2020 03:20

Tgt Ion: 63 Resp: 14550
Ion Ratio Lower Upper
63 100
112 0.3 4.2 6.4#

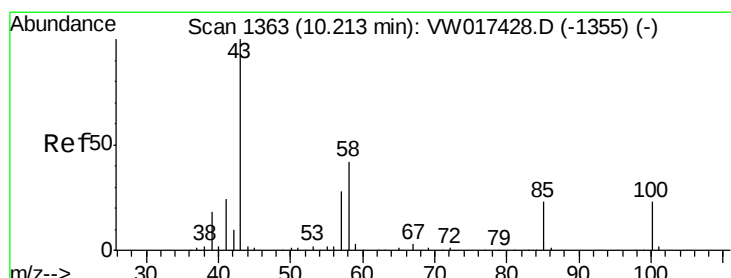
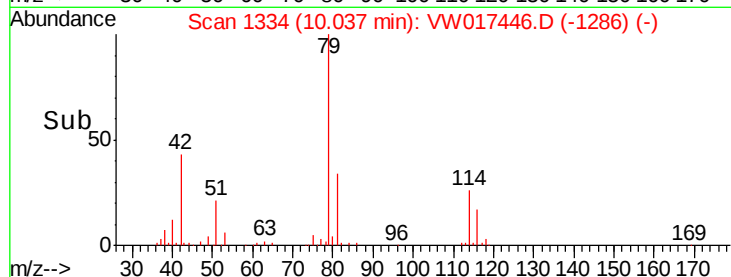
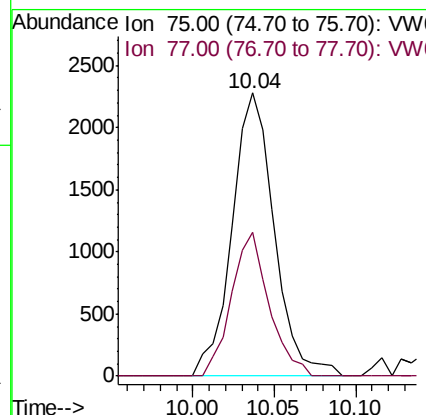
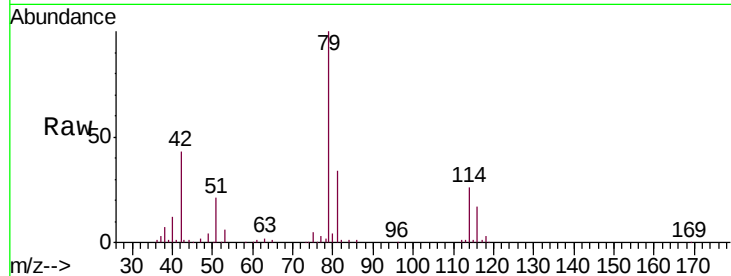




#42
 cis-1,3-Dichloropropene
 Concen: 0.639 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017446.D
 Acq: 21 Nov 2020 03:20

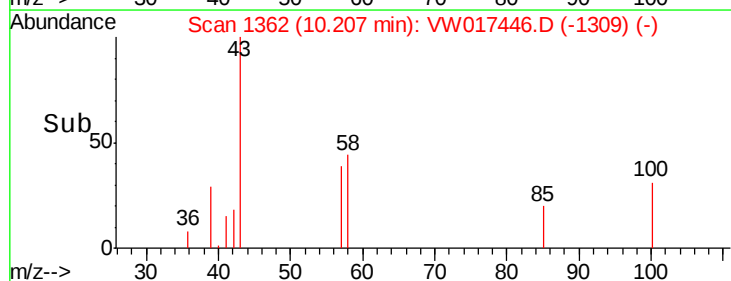
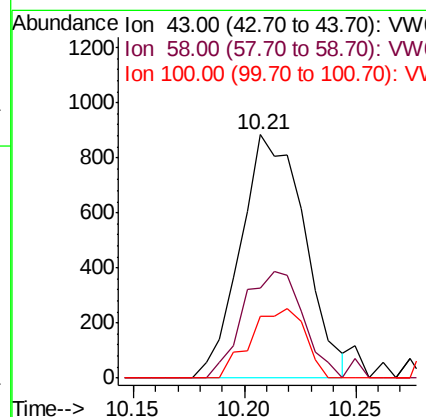
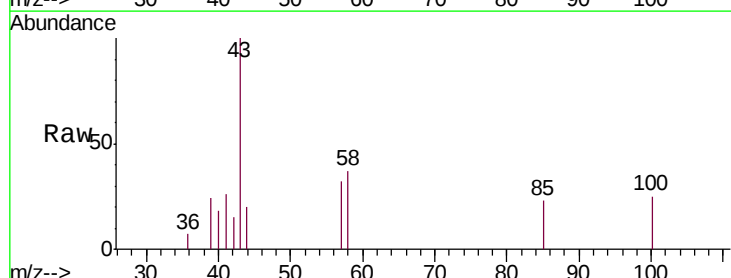
Instrument :
 MSVOA_W
 ClientSampled :
 C0BD9

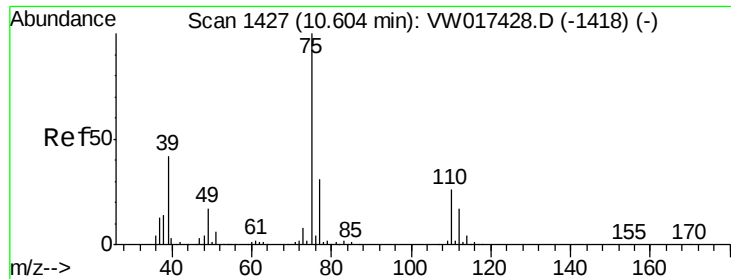
Tgt Ion: 75 Resp: 4120
 Ion Ratio Lower Upper
 75 100
 77 50.9 21.8 40.4#



#43
 4-Methyl-2-pentanone
 Concen: 0.855 ug/L
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VW017446.D
 Acq: 21 Nov 2020 03:20

Tgt Ion: 43 Resp: 1764
 Ion Ratio Lower Upper
 43 100
 58 41.2 33.4 50.2
 100 24.2 16.3 24.5





#45

trans-1,3-Dichloropropene

Concen: 0.457 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW017446.D

Acq: 21 Nov 2020 03:20

Instrument :

MSVOA_W

ClientSampleId :

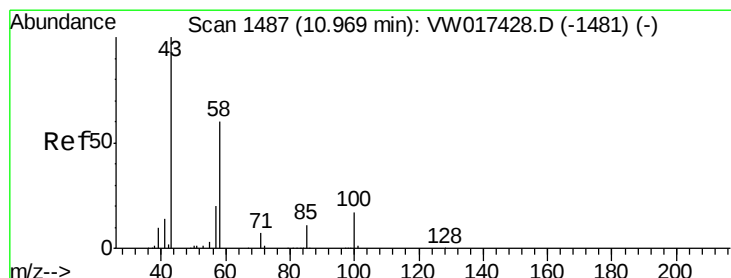
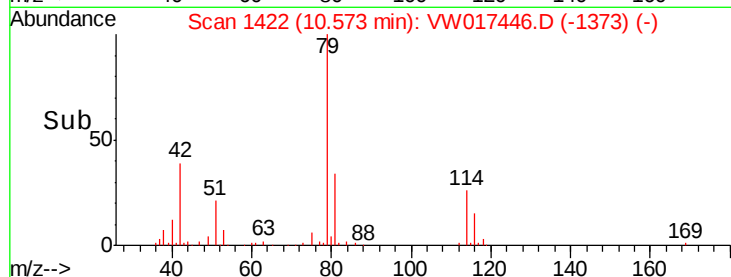
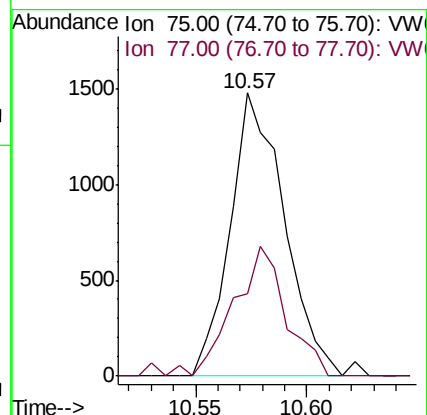
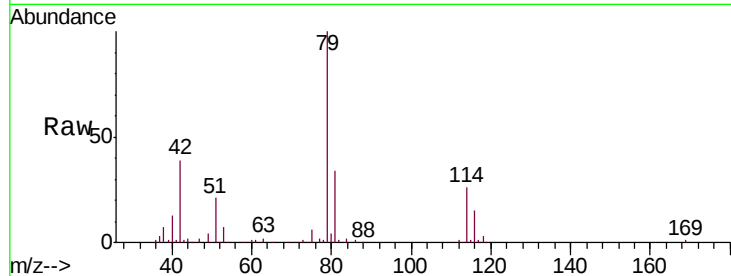
C0BD9

Tgt Ion: 75 Resp: 2498

Ion Ratio Lower Upper

75 100

77 29.1 22.0 40.8



#49

2-Hexanone

Concen: 3.339 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW017446.D

Acq: 21 Nov 2020 03:20

Tgt Ion: 43 Resp: 4146

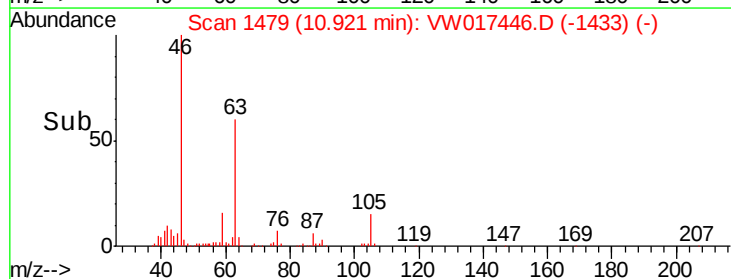
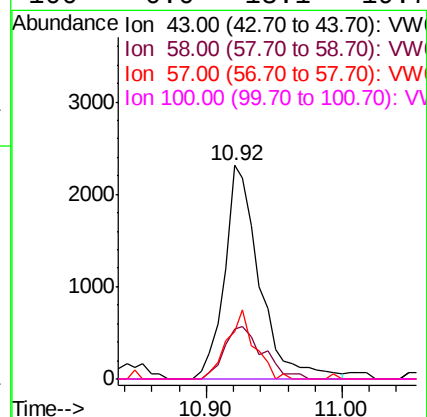
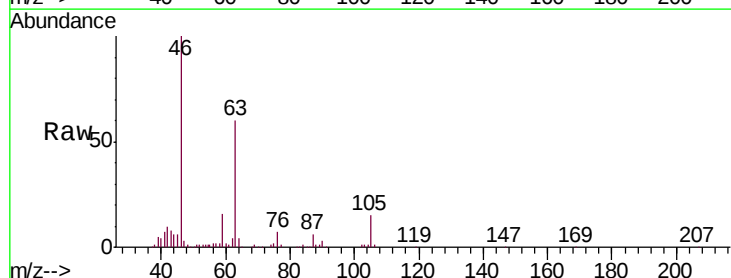
Ion Ratio Lower Upper

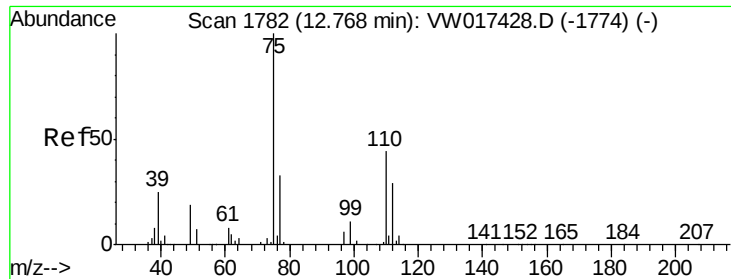
43 100

58 26.7 49.4 74.0#

57 24.4 17.0 25.4

100 0.0 13.1 19.7#





#59

1,2,3-Trichloropropane

Concen: 7.032 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017446.D

Acq: 21 Nov 2020 03:20

Instrument :

MSVOA_W

ClientSampleId :

C0BD9

Tgt Ion: 75 Resp: 18011

Ion Ratio Lower Upper

75 100

77 33.4 26.6 40.0

