

Data File : VW017354.D
Acq On : 19 Nov 2020 01:43
Operator : SY/VA
Sample : L4751-08
Misc : 5.63G/14ML/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BG2

Quant Time: Nov 19 05:08:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 19 05:03:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	435042	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	337688	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	105638	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	161406	25.06	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.24%
7) Chloroethane-d5	2.89	69	129016	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.88%
10) 1,1-Dichloroethene-d2	4.02	63	207029	18.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.52%
20) 2-Butanone-d5	7.08	46	24118	22.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.60%
24) Chloroform-d	7.65	84	279672	24.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.88%
26) 1,2-Dichloroethane-d4	8.30	65	130702	23.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.68%
29) Benzene-d6	8.27	84	539090	28.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.28%
33) 1,2-Dichloropropane-d6	9.27	67	148589	29.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.20%
37) Toluene-d8	10.33	98	483598	26.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.92%
38) trans-1,3-Dichloropropene-	10.58	79	40024	18.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.52%
39) 2-Hexanone-d5	10.93	63	18480	27.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	86944	22.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	98926	25.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.48%

Target Compounds

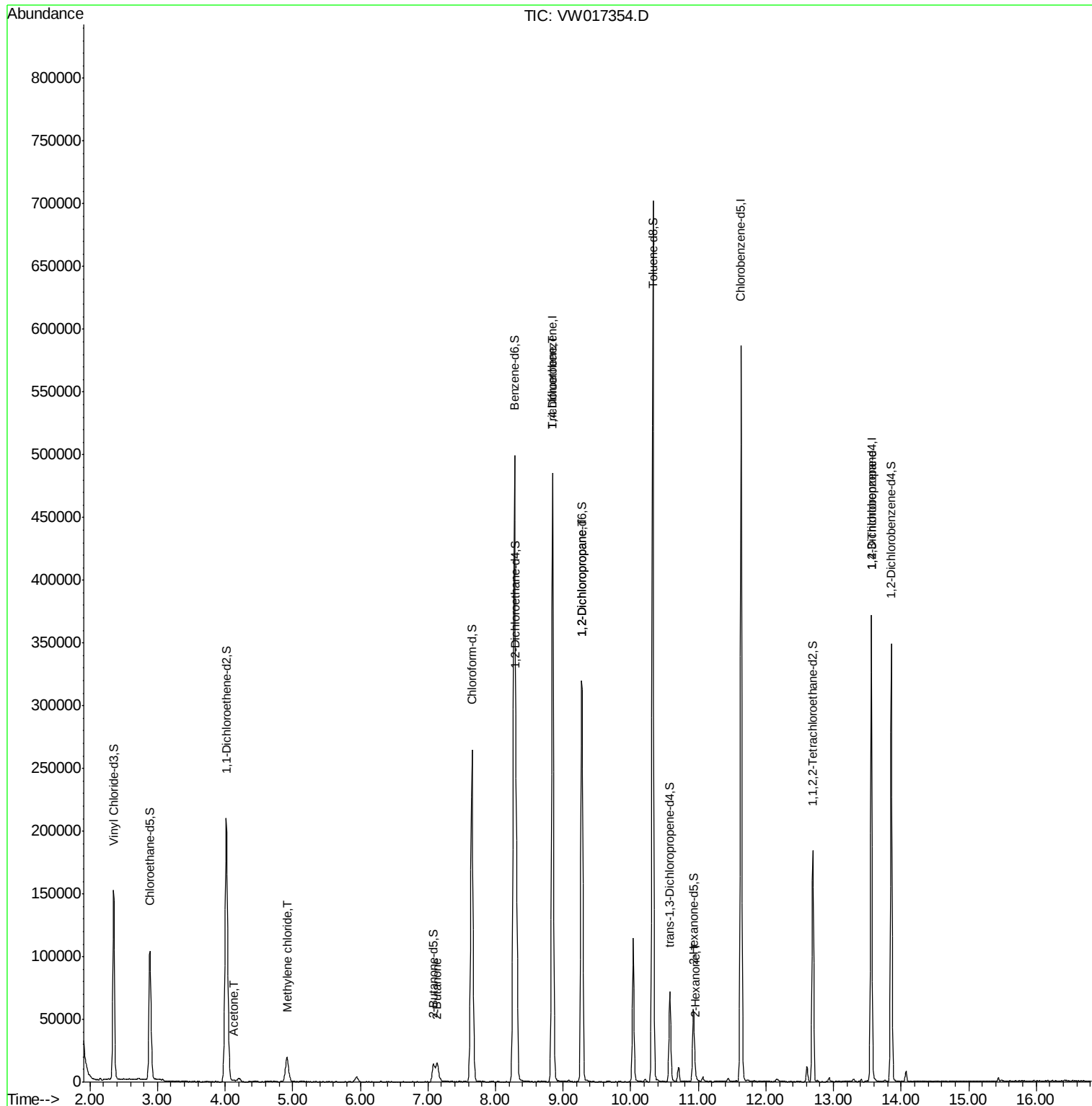
					Qvalue
13) Acetone	4.14	43	1114	1.444 ug/L	49
16) Methylene chloride	4.92	84	16756	2.252 ug/L	100
21) 2-Butanone	7.15	43	3855	3.259 ug/L #	44
35) Trichloroethene	8.84	95	13142	2.435 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	17370	4.025 ug/L #	85
49) 2-Hexanone	10.96	43	2539	1.970 ug/L #	39
59) 1,2,3-Trichloropropane	13.56	75	11308	4.253 ug/L	95

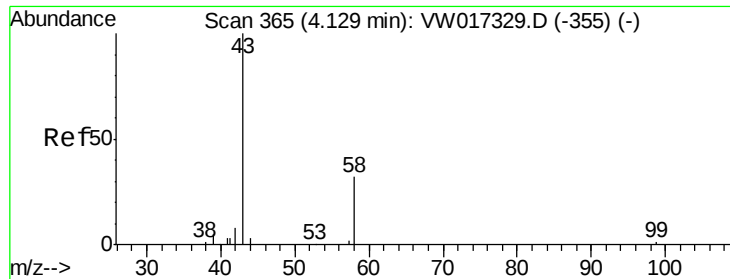
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.444 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

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Acq: 19 Nov 2020 01:43

Instrument :

MSVOA_W

ClientSampleId :

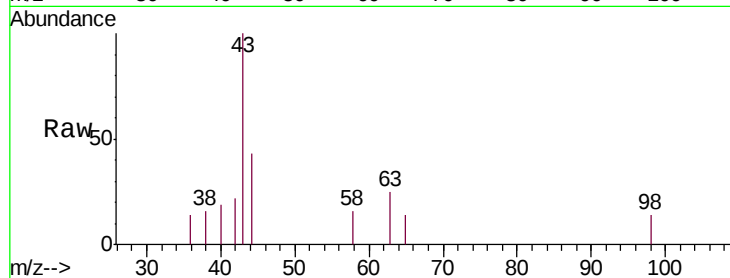
C0BG2

Tgt Ion: 43 Resp: 1114

Ion Ratio Lower Upper

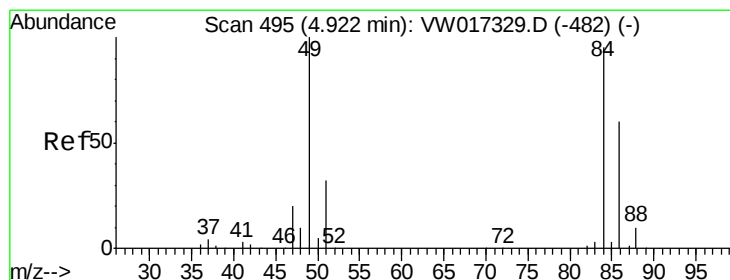
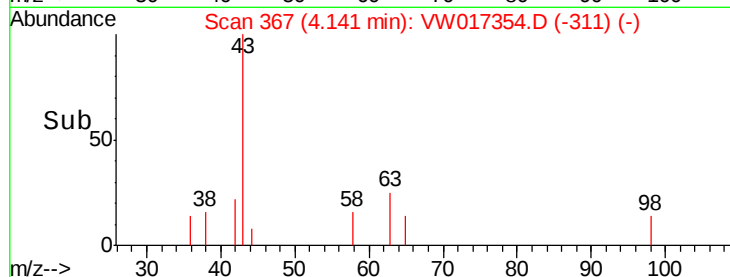
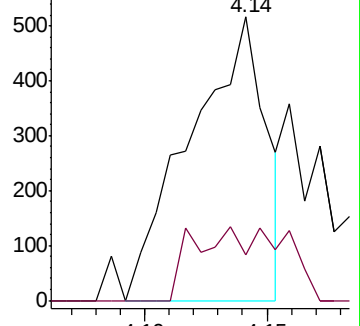
43 100

58 4.6 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: 2.252 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

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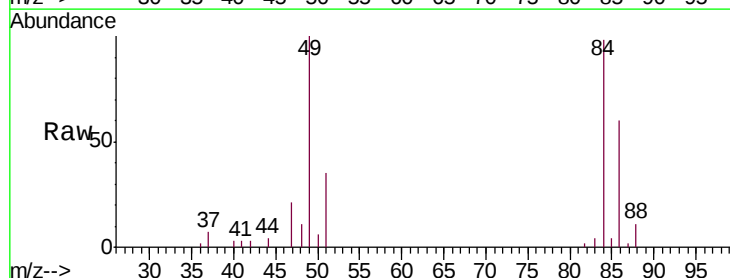
Tgt Ion: 84 Resp: 16756

Ion Ratio Lower Upper

84 100

49 101.6 71.5 132.9

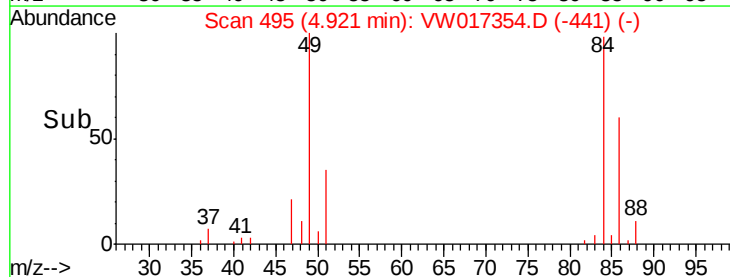
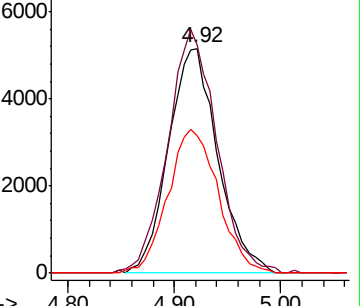
86 61.1 42.8 79.4

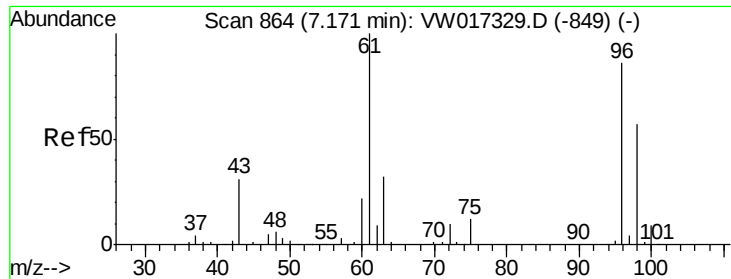


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 3.259 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW017354.D

Acq: 19 Nov 2020 01:43

Instrument :

MSVOA_W

ClientSampled :

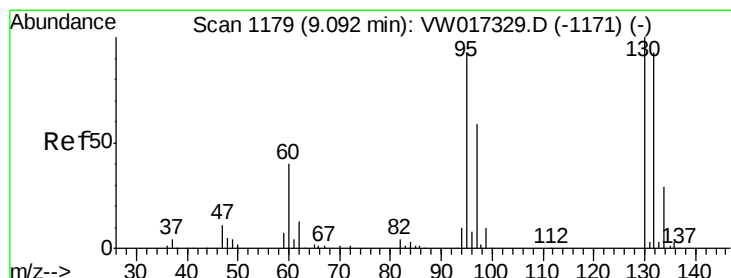
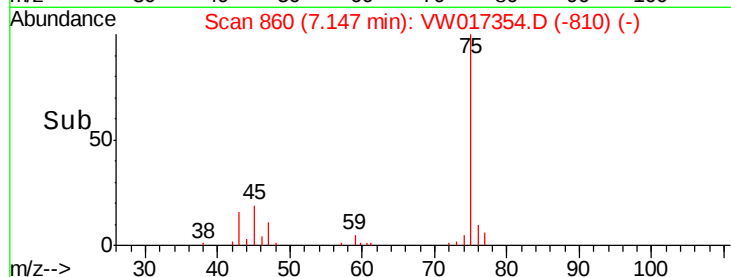
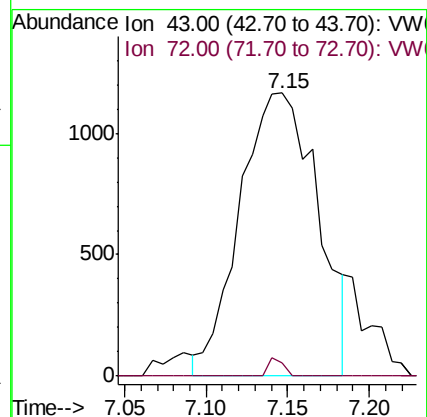
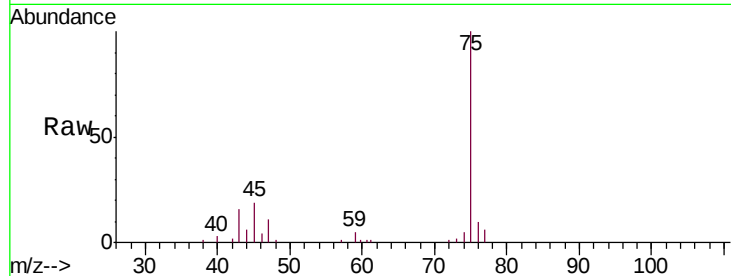
C0BG2

Tgt Ion: 43 Resp: 3855

Ion Ratio Lower Upper

43 100

72 1.2 16.4 49.1#



#35

Trichloroethene

Concen: 2.435 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017354.D

Acq: 19 Nov 2020 01:43

Tgt Ion: 95 Resp: 13142

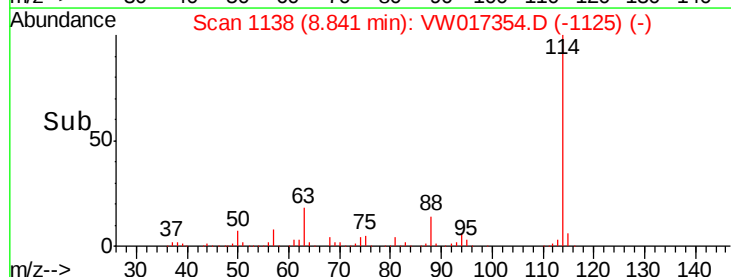
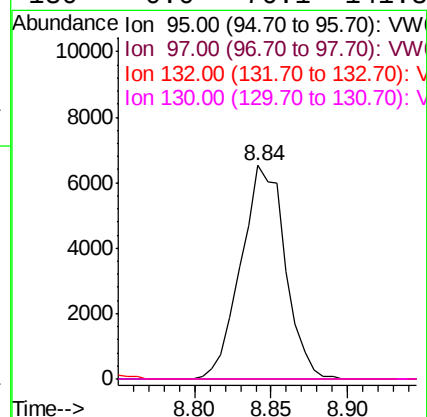
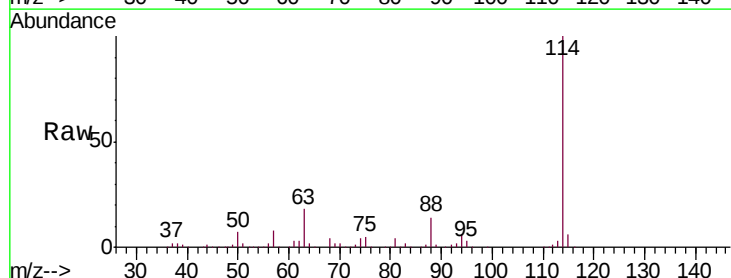
Ion Ratio Lower Upper

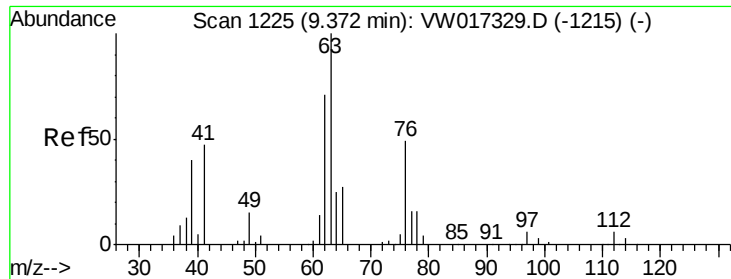
95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

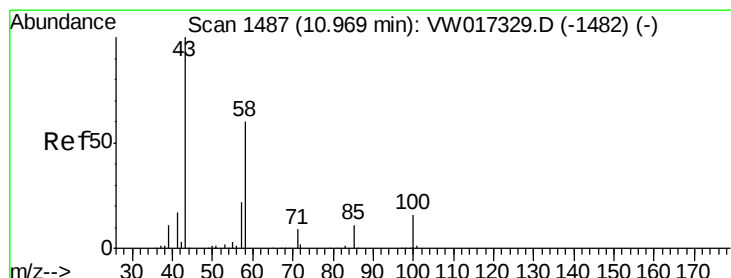
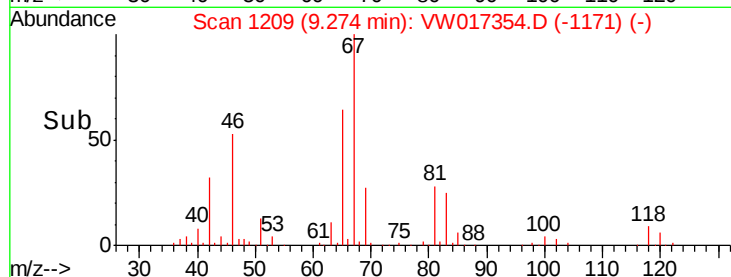
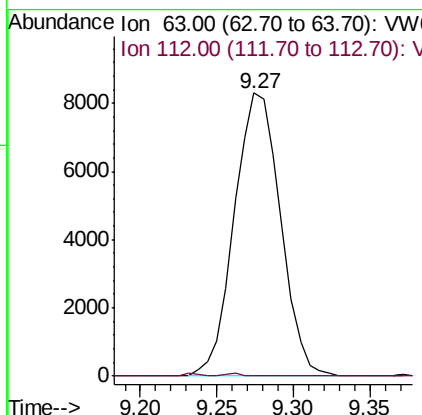
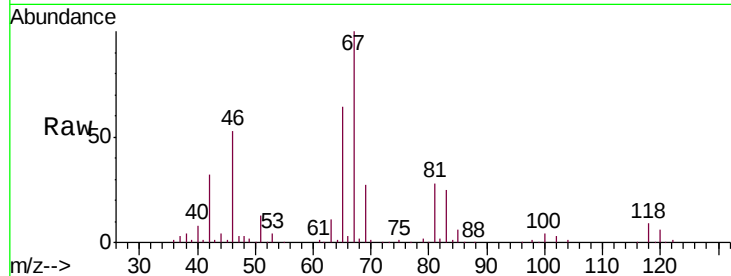




#40
 1,2-Dichloropropane
 Concen: 4.025 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017354.D
 Acq: 19 Nov 2020 01:43

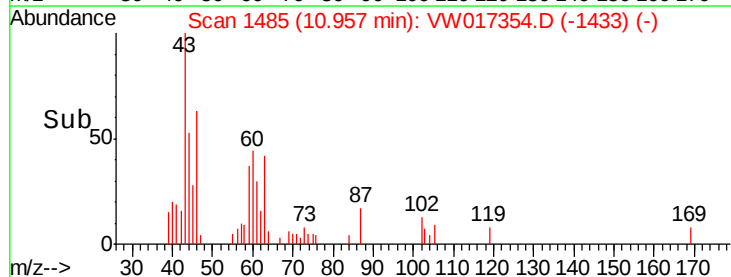
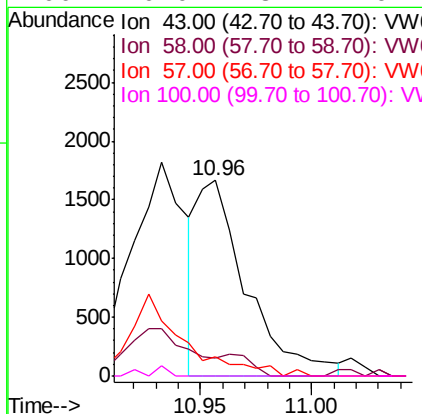
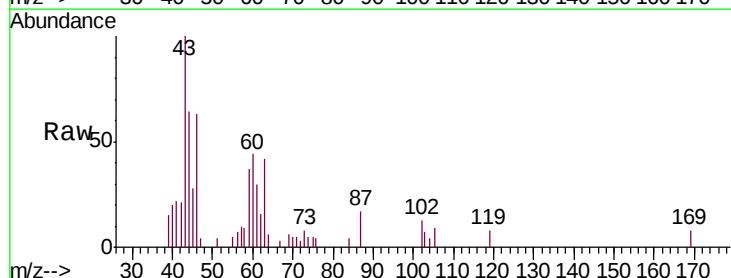
Instrument :
 MSVOA_W
 ClientSampled :
 C0BG2

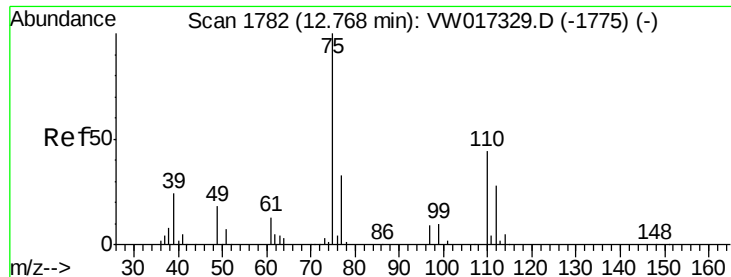
Tgt Ion: 63 Resp: 17370
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.2 6.4#



#49
 2-Hexanone
 Concen: 1.970 ug/L
 RT: 10.96 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VW017354.D
 Acq: 19 Nov 2020 01:43

Tgt Ion: 43 Resp: 2539
 Ion Ratio Lower Upper
 43 100
 58 6.3 49.4 74.0#
 57 0.0 17.0 25.4#
 100 0.0 13.1 19.7#





#59

1,2,3-Trichloropropane

Concen: 4.253 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017354.D

Acq: 19 Nov 2020 01:43

Instrument :

MSVOA_W

ClientSampleId :

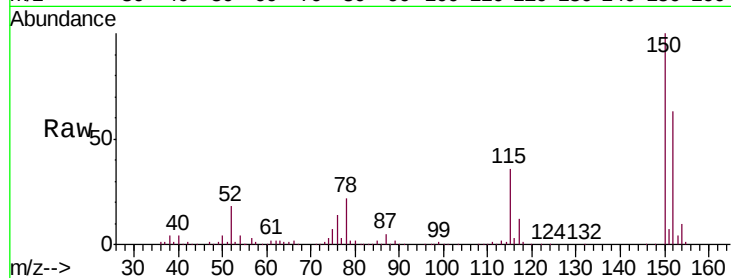
C0BG2

Tgt Ion: 75 Resp: 11308

Ion Ratio Lower Upper

75 100

77 35.9 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

