

Data File : VW017399.D
Acq On : 20 Nov 2020 03:04
Operator : SY/VA
Sample : L4794-19
Misc : 5.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BH2

Quant Time: Nov 20 04:40:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 04:37:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	360910	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	312851	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	119338	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123365	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.36%
7) Chloroethane-d5	2.89	69	104777	24.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.76%
10) 1,1-Dichloroethene-d2	4.02	63	158438	16.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.80%
20) 2-Butanone-d5	7.08	46	33032	37.64	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.28%
24) Chloroform-d	7.65	84	239206	25.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.92%
26) 1,2-Dichloroethane-d4	8.31	65	114814	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.24%
29) Benzene-d6	8.27	84	447433	25.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.48%
33) 1,2-Dichloropropane-d6	9.27	67	127316	27.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.40%
37) Toluene-d8	10.33	98	410787	24.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.96%
38) trans-1,3-Dichloropropene-	10.58	79	38382	18.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.04%
39) 2-Hexanone-d5	10.93	63	21191	33.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84942	23.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	114148	25.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.64%

Target Compounds

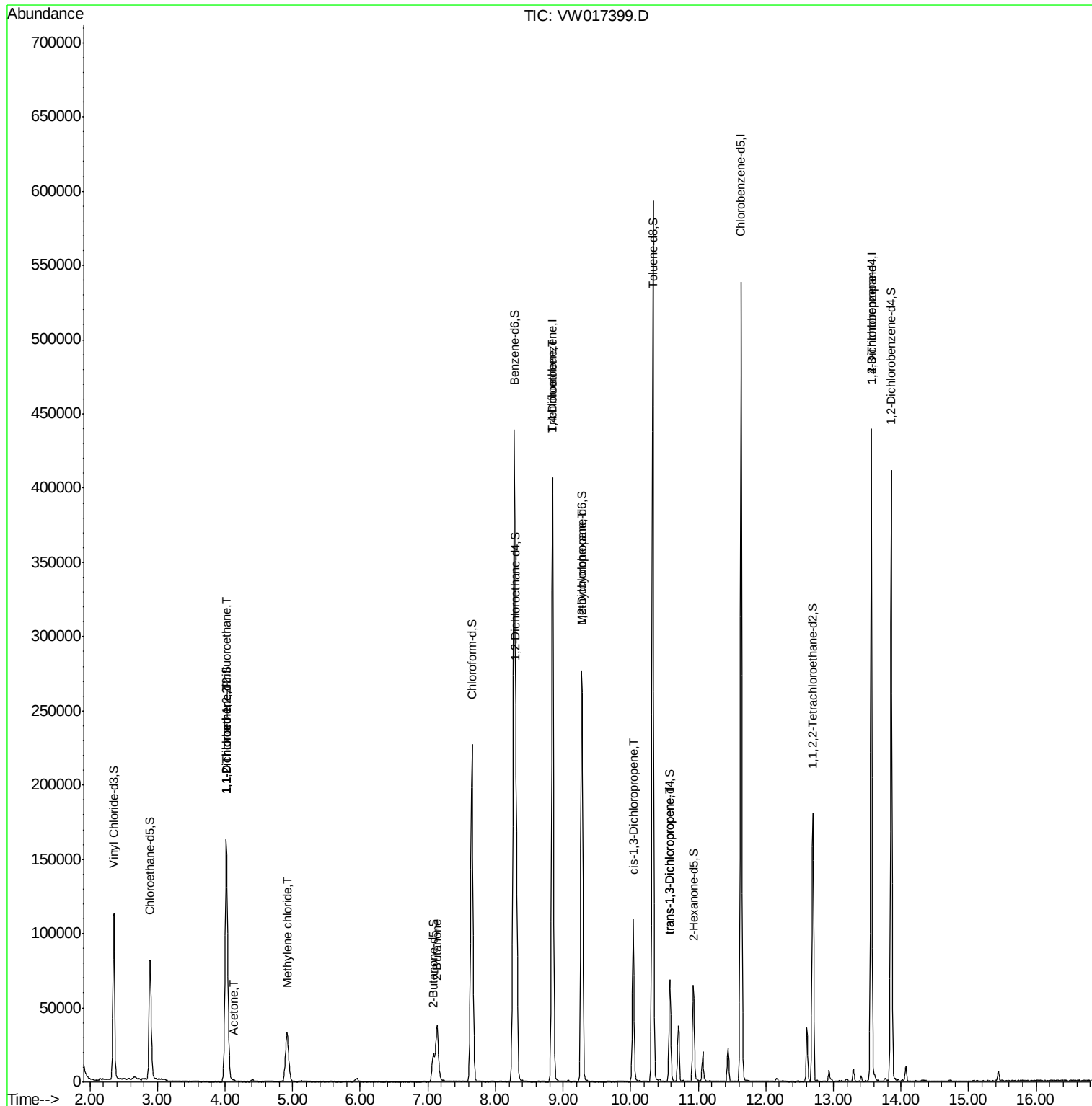
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1722	0.348 ug/L #	16
12) 1,1-Dichloroethene	4.01	96	1508	0.317 ug/L #	1
13) Acetone	4.13	43	945	1.476 ug/L	72
16) Methylene chloride	4.92	84	29053	4.706 ug/L	97
21) 2-Butanone	7.13	43	2162	2.203 ug/L #	55
35) Trichloroethene	8.84	95	11091	2.218 ug/L #	2
36) Methylcyclohexane	9.27	83	33362	4.177 ug/L #	22
42) cis-1,3-Dichloropropene	10.04	75	3079	0.496 ug/L #	70
45) trans-1,3-Dichloropropene	10.58	75	1888	0.359 ug/L	100
59) 1,2,3-Trichloropropane	13.56	75	12516	5.081 ug/L	99

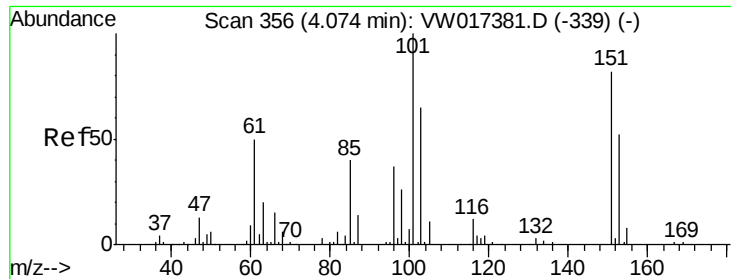
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW017399.D
Acq On : 20 Nov 2020 03:04
Operator : SY/VA
Sample : L4794-19
Misc : 5.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BH2

Quant Time: Nov 20 04:40:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 04:37:10 2020
Response via : Initial Calibration





#11

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

Concen: 0.348 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.05 min

Lab File: VW017399.D

Acq: 20 Nov 2020 03:04

Instrument :

MSVOA_W

ClientSampled :

C0BH2

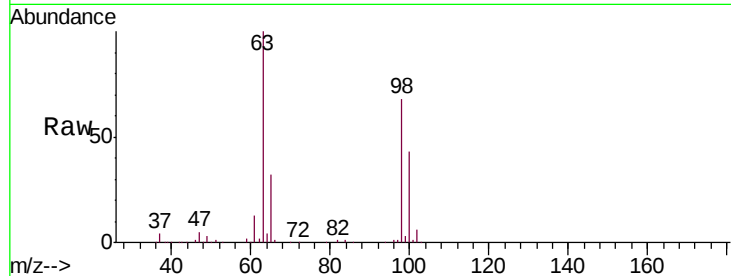
Tgt Ion: 101 Resp: 1722

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

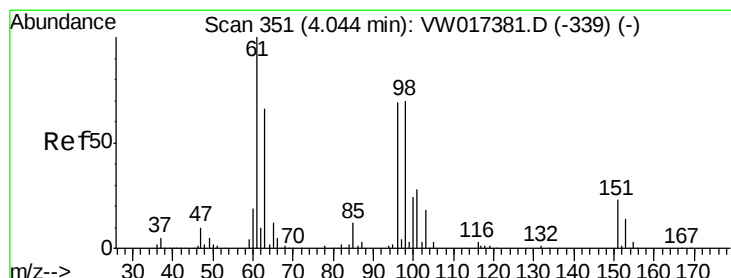
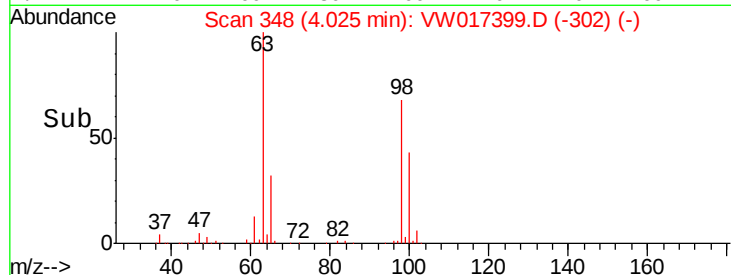
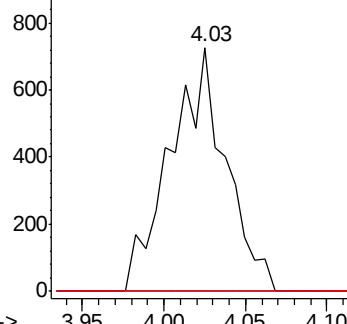
151 0.0 66.3 99.5#



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



#12

1,1-Dichloroethene

Concen: 0.317 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.03 min

Lab File: VW017399.D

Acq: 20 Nov 2020 03:04

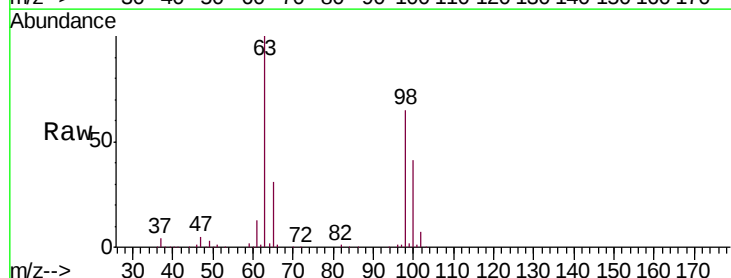
Tgt Ion: 96 Resp: 1508

Ion Ratio Lower Upper

96 100

61 1210.7 104.7 194.4#

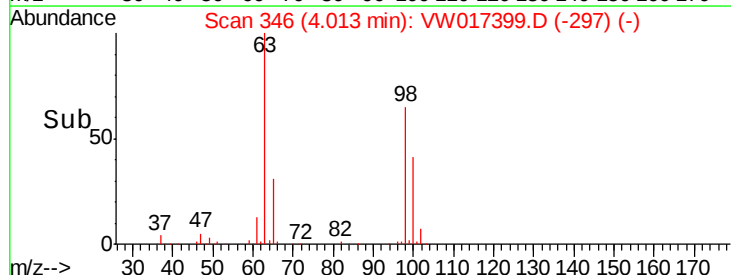
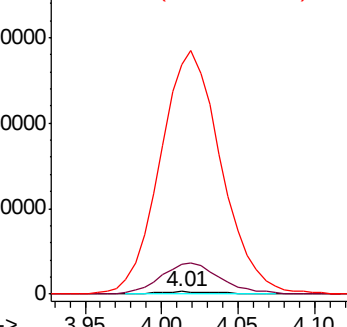
63 9410.5 69.6 129.2#

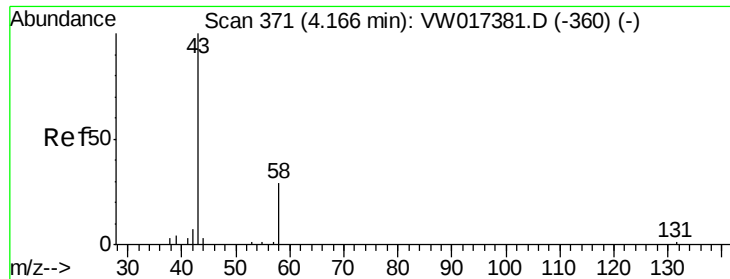


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 1.476 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.04 min

Lab File: VW017399.D

Acq: 20 Nov 2020 03:04

Instrument :

MSVOA_W

ClientSampled :

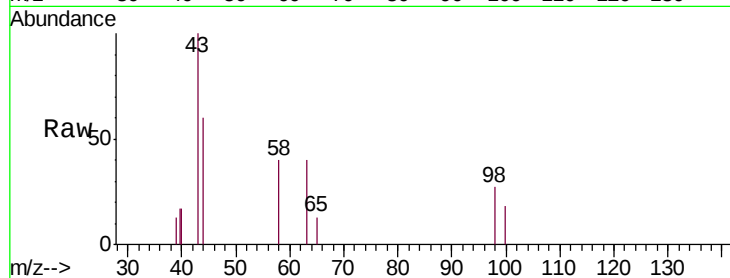
C0BH2

Tgt Ion: 43 Resp: 945

Ion Ratio Lower Upper

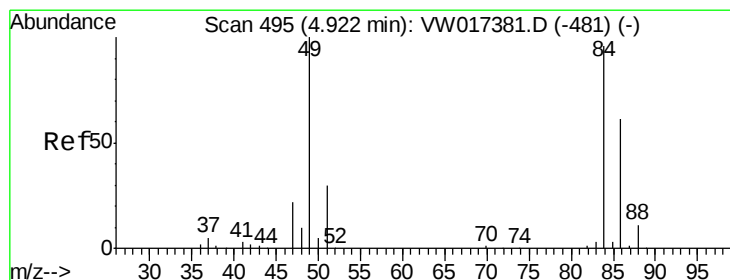
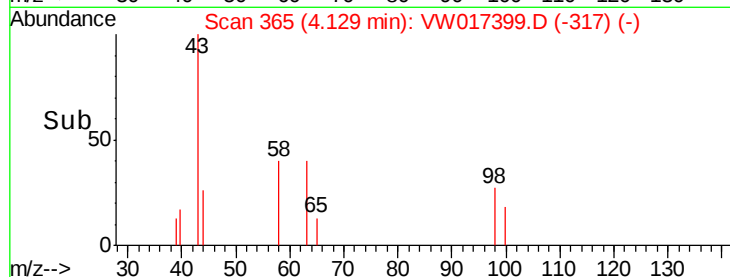
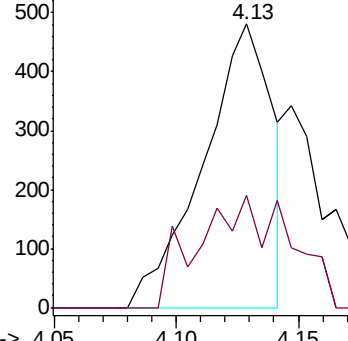
43 100

58 17.5 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: 4.706 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW017399.D

Acq: 20 Nov 2020 03:04

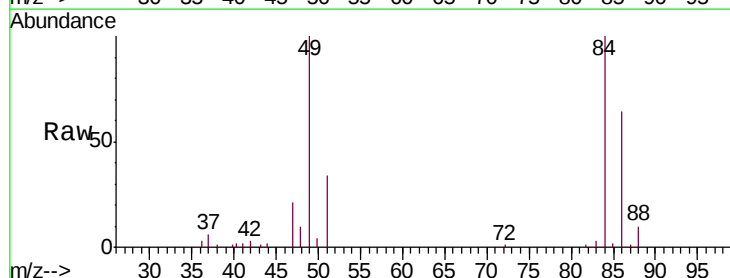
Tgt Ion: 84 Resp: 29053

Ion Ratio Lower Upper

84 100

49 100.1 71.5 132.9

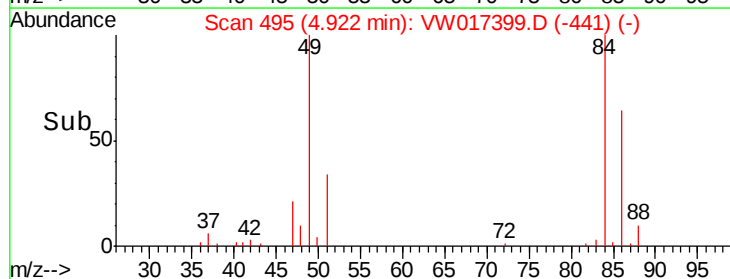
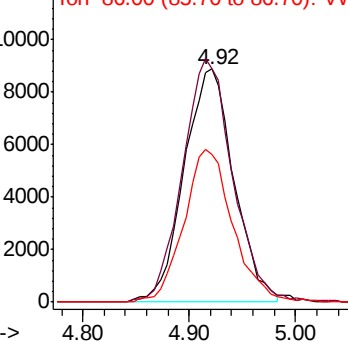
86 63.6 42.8 79.4

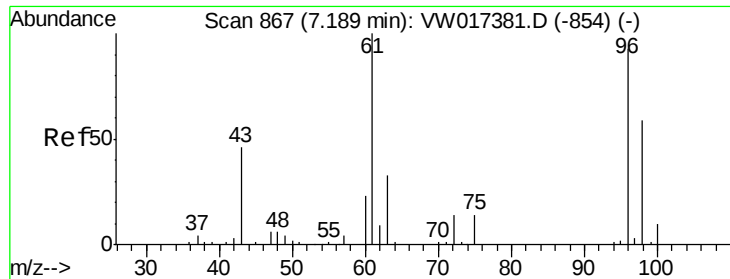


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 2.203 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.05 min

Lab File: VW017399.D

Acq: 20 Nov 2020 03:04

Instrument :

MSVOA_W

ClientSampleId :

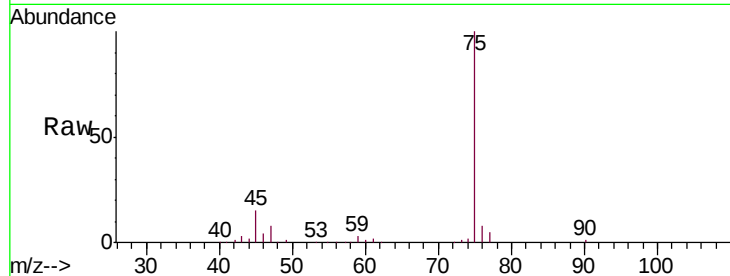
C0BH2

Tgt Ion: 43 Resp: 2162

Ion Ratio Lower Upper

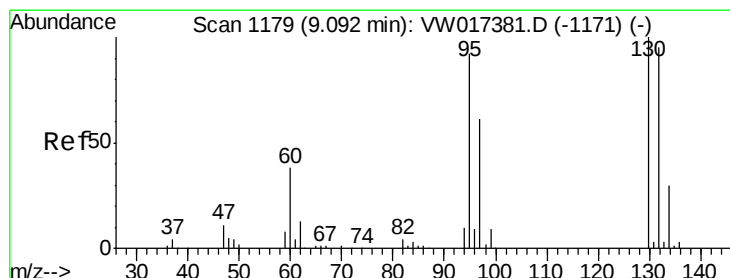
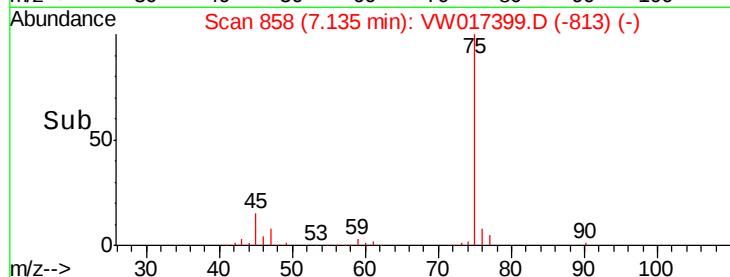
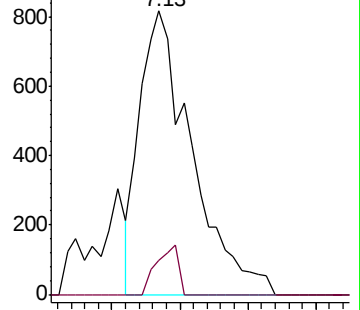
43 100

72 7.3 16.4 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 2.218 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017399.D

Acq: 20 Nov 2020 03:04

Tgt Ion: 95 Resp: 11091

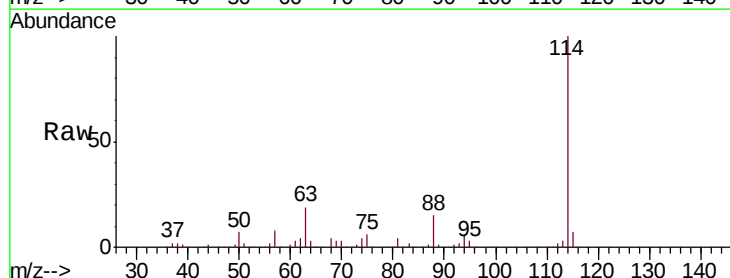
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

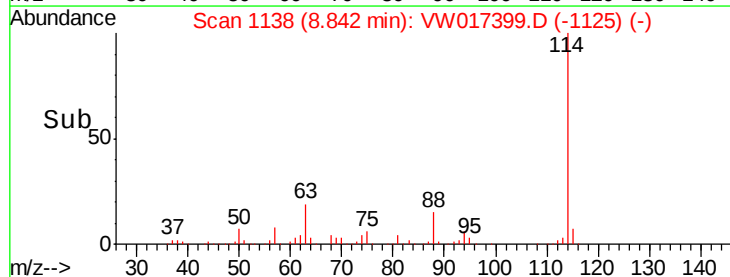
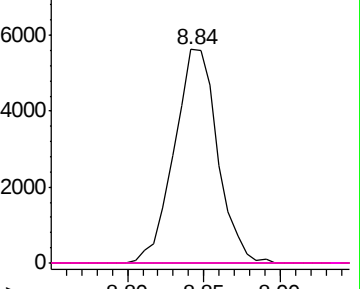


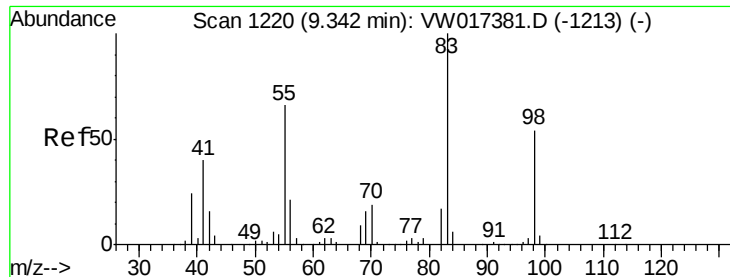
Abundance Ion 95.00 (94.70 to 95.70): VW

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

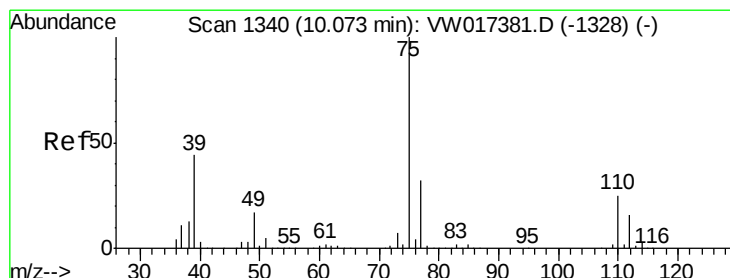
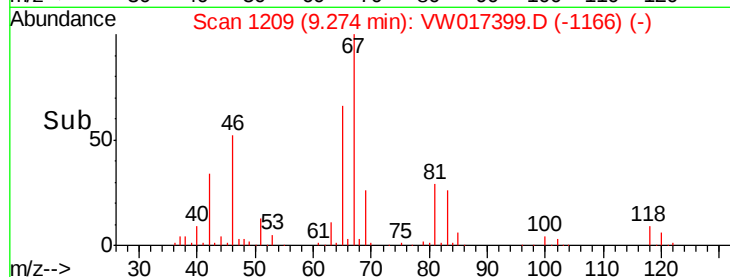
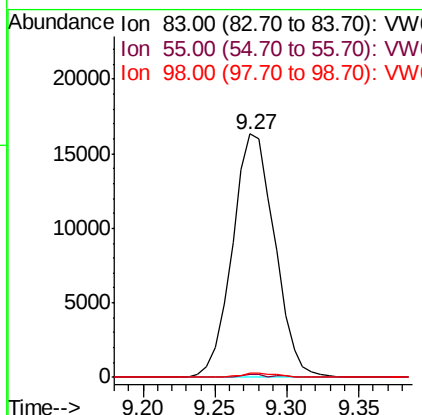
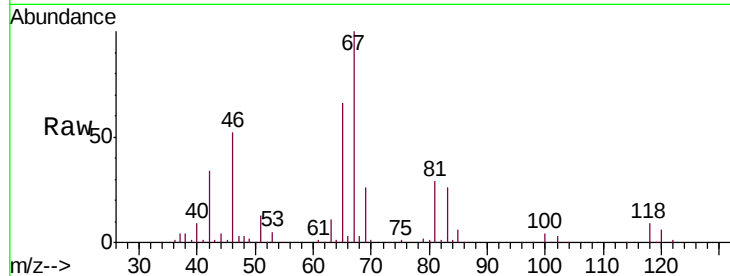




#36
Methylcyclohexane
Concen: 4.177 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.07 min
Lab File: VW017399.D
Acq: 20 Nov 2020 03:04

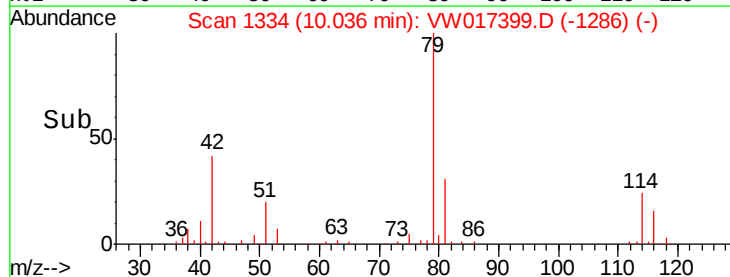
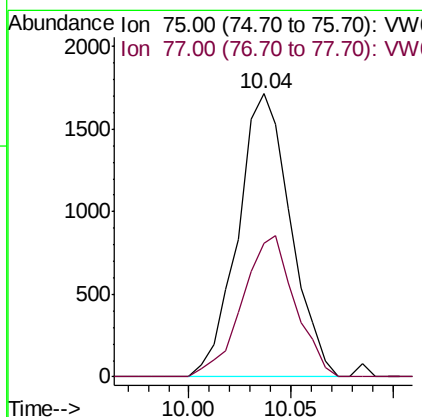
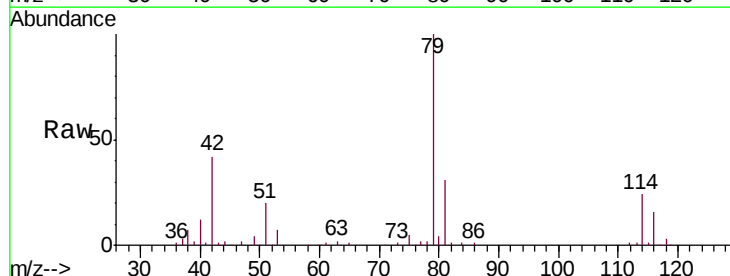
Instrument :
MSVOA_W
ClientSampleId :
C0BH2

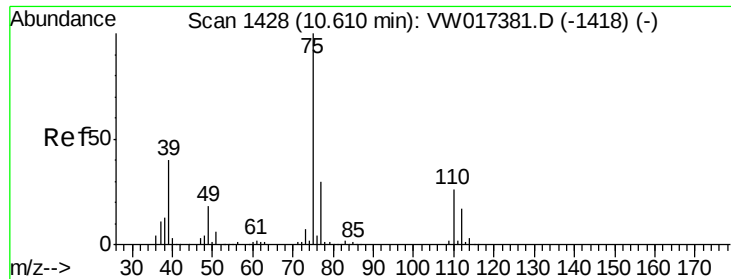
Tgt Ion: 83 Resp: 33362
Ion Ratio Lower Upper
83 100
55 0.7 54.6 81.8#
98 1.6 41.5 62.3#



#42
cis-1,3-Dichloropropene
Concen: 0.496 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017399.D
Acq: 20 Nov 2020 03:04

Tgt Ion: 75 Resp: 3079
Ion Ratio Lower Upper
75 100
77 47.4 21.8 40.4#





#45

trans-1,3-Dichloropropene

Concen: 0.359 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017399.D

Acq: 20 Nov 2020 03:04

Instrument :

MSVOA_W

ClientSampleId :

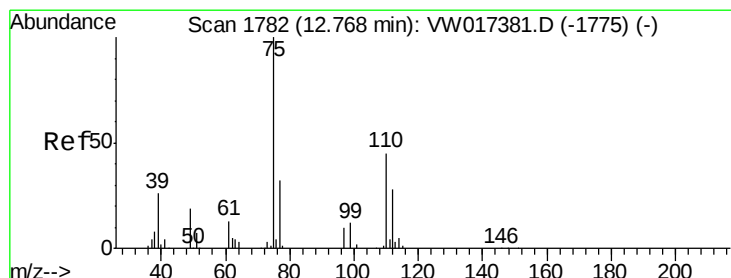
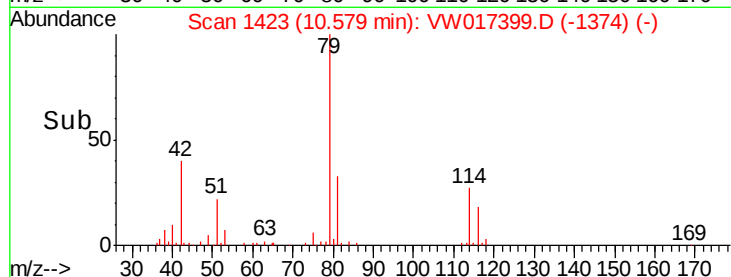
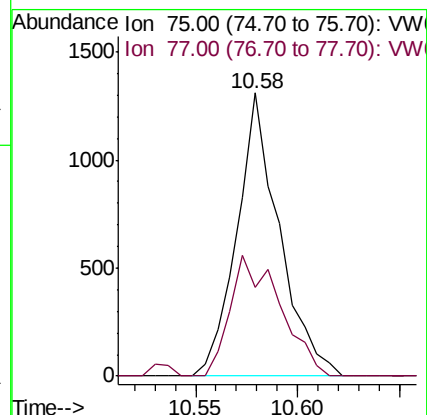
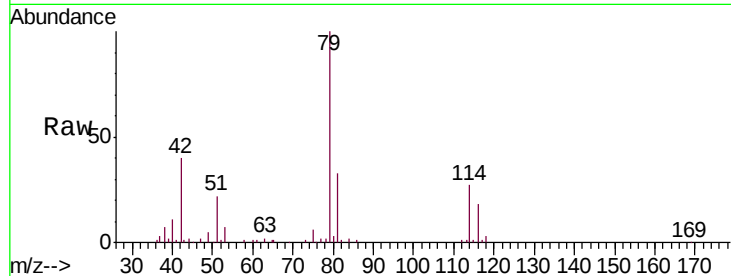
C0BH2

Tgt Ion: 75 Resp: 1888

Ion Ratio Lower Upper

75 100

77 31.2 22.0 40.8



#59

1,2,3-Trichloropropane

Concen: 5.081 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017399.D

Acq: 20 Nov 2020 03:04

Tgt Ion: 75 Resp: 12516

Ion Ratio Lower Upper

75 100

77 32.8 26.6 40.0

