

Data File : VW017422.D
Acq On : 20 Nov 2020 17:09
Operator : SY/VA
Sample : L4853-04
Misc : 4.65G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD4

Quant Time: Nov 21 00:33:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	117118	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	99539	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	33039	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	38154	22.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.00%
7) Chloroethane-d5	2.89	69	34602	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.48%
10) 1,1-Dichloroethene-d2	4.02	63	52262	17.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.92%
20) 2-Butanone-d5	7.08	46	14010	49.20	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.40%
24) Chloroform-d	7.65	84	78814	25.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.48%
26) 1,2-Dichloroethane-d4	8.31	65	41129	27.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.68%
29) Benzene-d6	8.27	84	143608	25.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.36%
33) 1,2-Dichloropropane-d6	9.27	67	40544	27.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.48%
37) Toluene-d8	10.32	98	122234	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.56%
38) trans-1,3-Dichloropropene-	10.58	79	14191	21.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.20%
39) 2-Hexanone-d5	10.93	63	10389	51.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	32334	28.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	32419	26.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.32%

Target Compounds

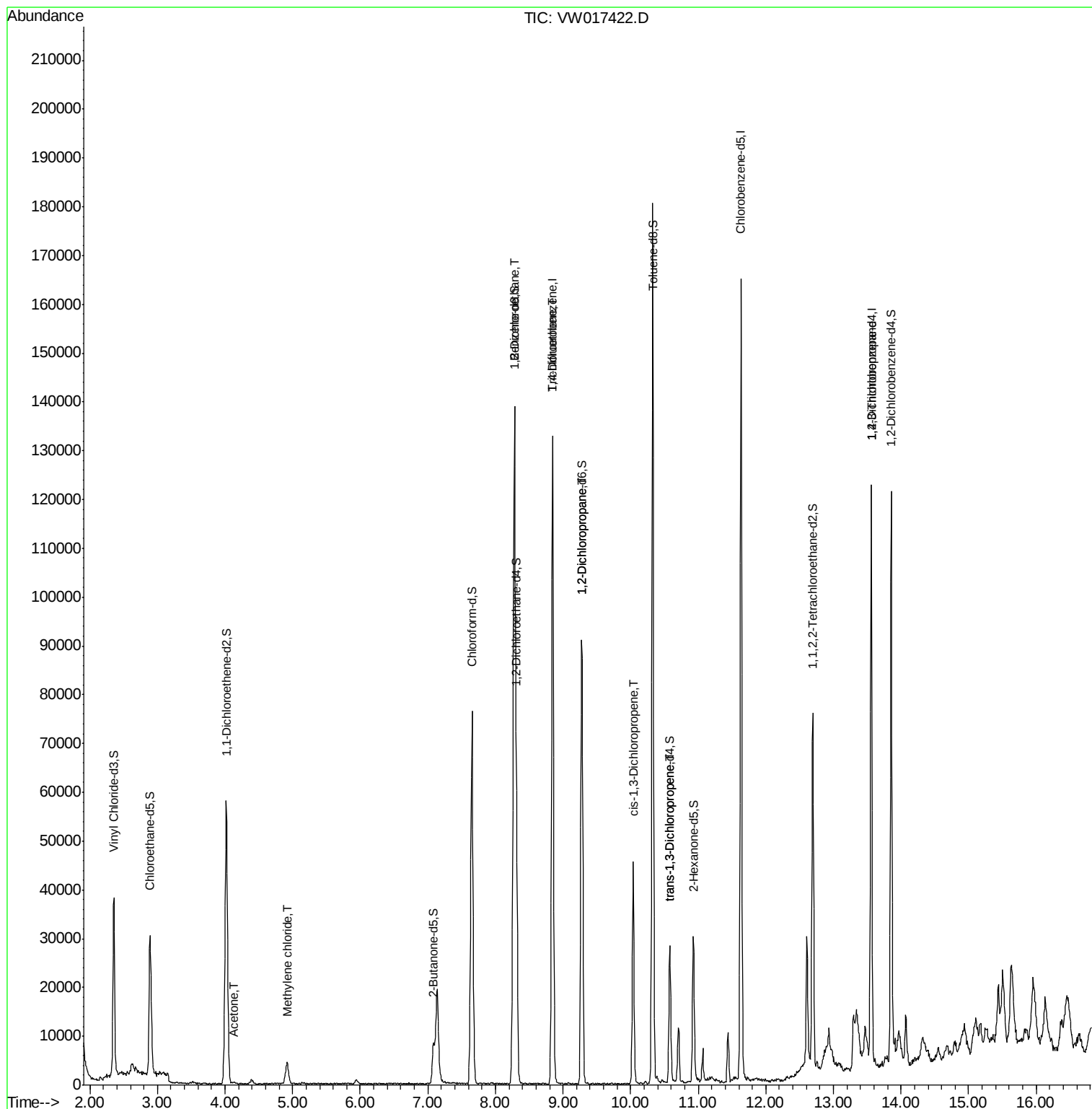
					Qvalue
13) Acetone	4.13	43	518	2.493 ug/L	67
16) Methylene chloride	4.92	84	3530	1.762 ug/L	91
27) 1,2-Dichloroethane	8.27	62	1035	0.633 ug/L #	74
35) Trichloroethene	8.85	95	3628	2.281 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	5033	3.957 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	1451	0.735 ug/L #	69
45) trans-1,3-Dichloropropene	10.57	75	896	0.536 ug/L	92
59) 1,2,3-Trichloropropane	13.56	75	3842	4.902 ug/L	96

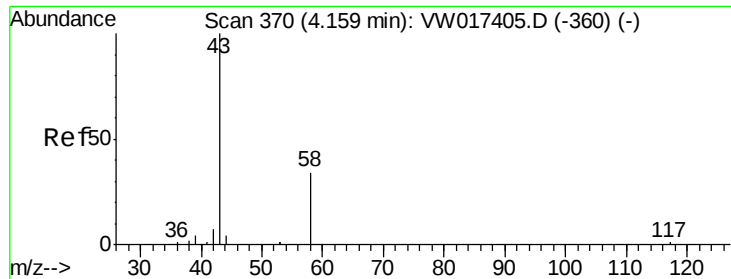
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW017422.D
Acq On : 20 Nov 2020 17:09
Operator : SY/VA
Sample : L4853-04
Misc : 4.65G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD4

Quant Time: Nov 21 00:33:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.493 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.03 min

Lab File: VW017422.D

Acq: 20 Nov 2020 17:09

Instrument :

MSVOA_W

ClientSampleId :

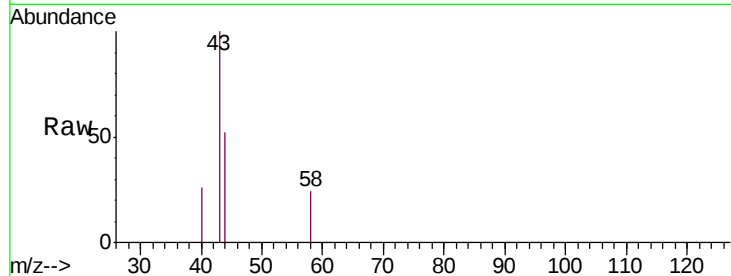
C0AD4

Tgt Ion: 43 Resp: 518

Ion Ratio Lower Upper

43 100

58 14.7 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

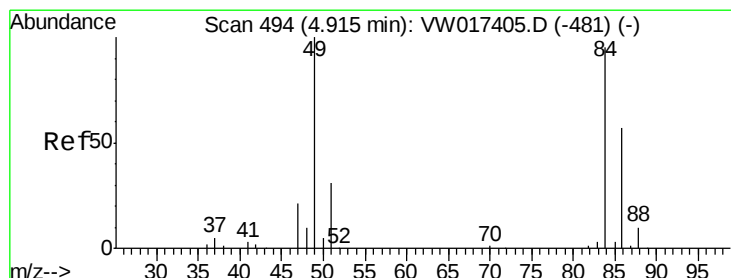
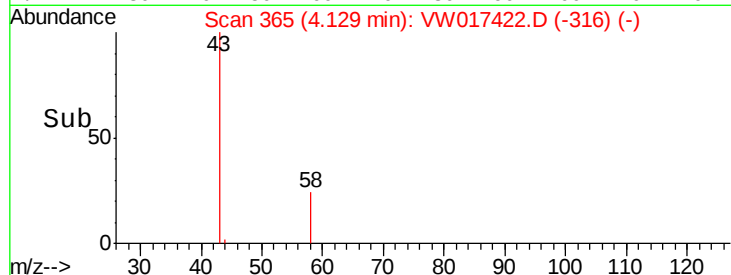
300

200

100

0

Time-->



#16

Methylene chloride

Concen: 1.762 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017422.D

Acq: 20 Nov 2020 17:09

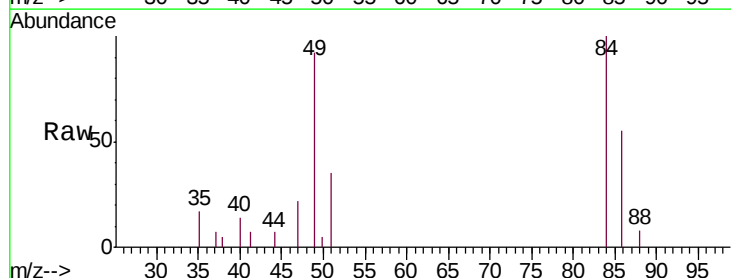
Tgt Ion: 84 Resp: 3530

Ion Ratio Lower Upper

84 100

49 91.7 71.5 132.9

86 55.1 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

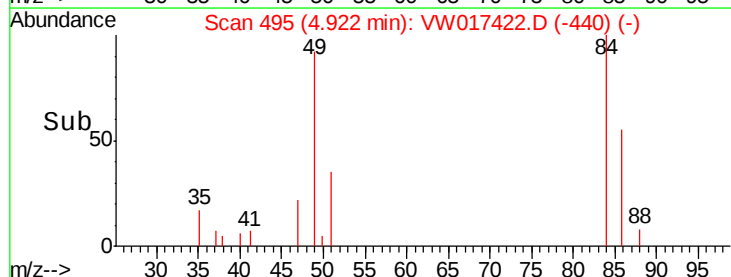
1500

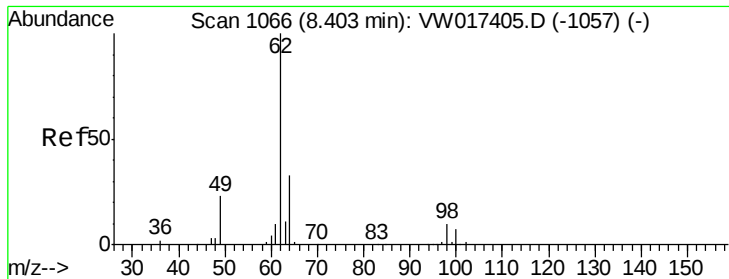
1000

500

0

Time-->

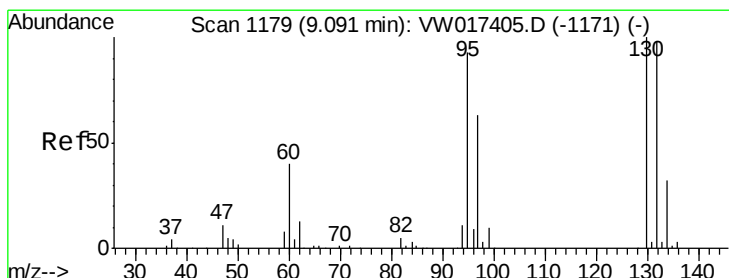
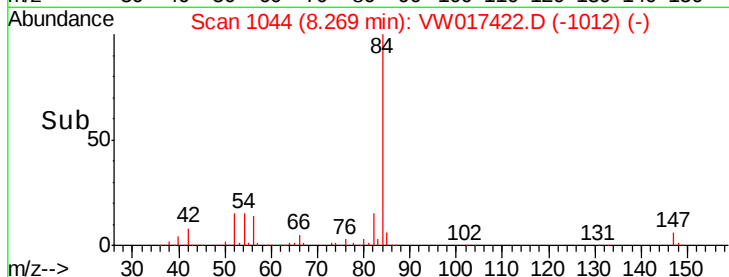
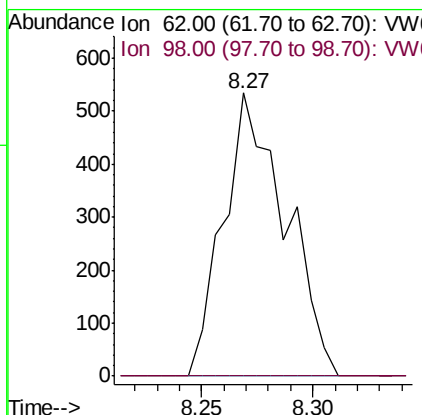
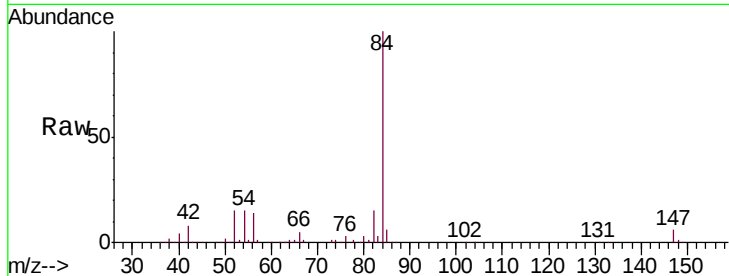




#27
 1,2-Dichloroethane
 Concen: 0.633 ug/L
 RT: 8.27 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW017422.D
 Acq: 20 Nov 2020 17:09

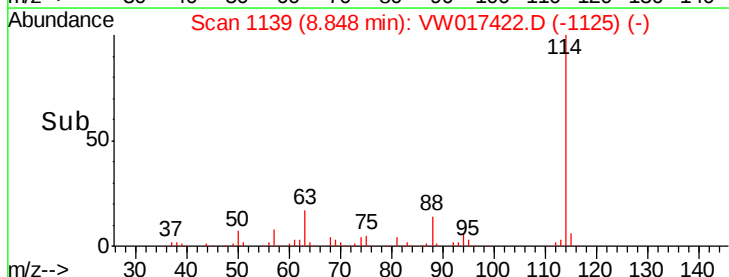
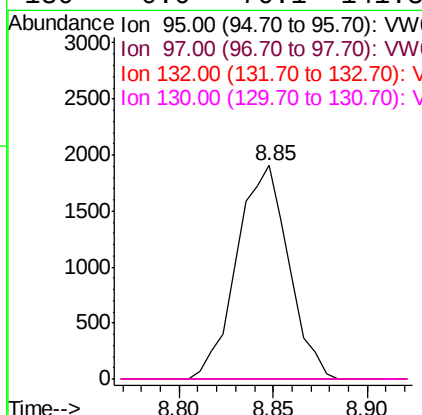
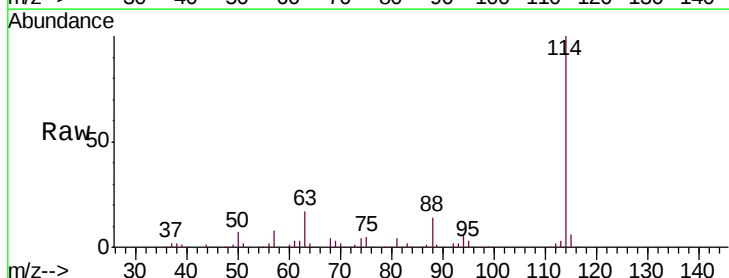
Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD4

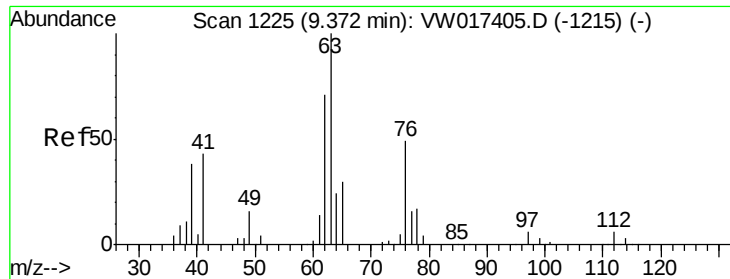
Tgt Ion: 62 Resp: 1035
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.7 11.5#



#35
 Trichloroethene
 Concen: 2.281 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW017422.D
 Acq: 20 Nov 2020 17:09

Tgt Ion: 95 Resp: 3628
 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#

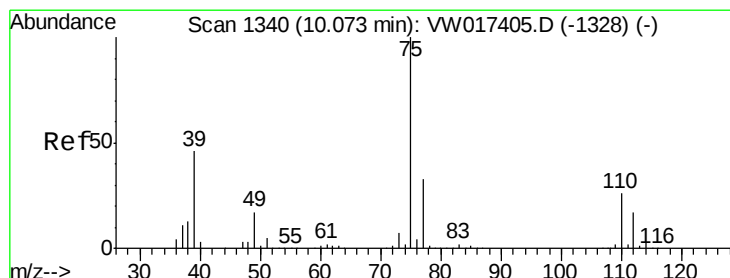
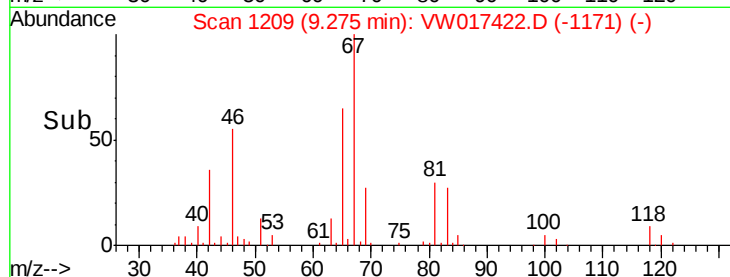
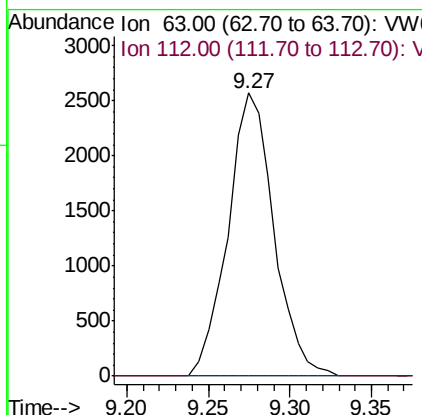
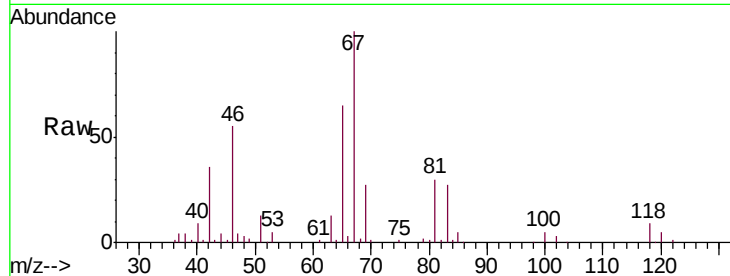




#40
 1,2-Dichloropropane
 Concen: 3.957 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017422.D
 Acq: 20 Nov 2020 17:09

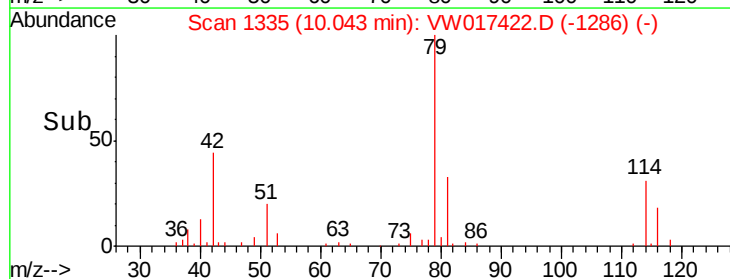
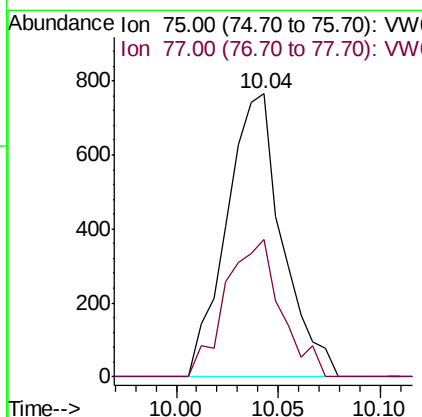
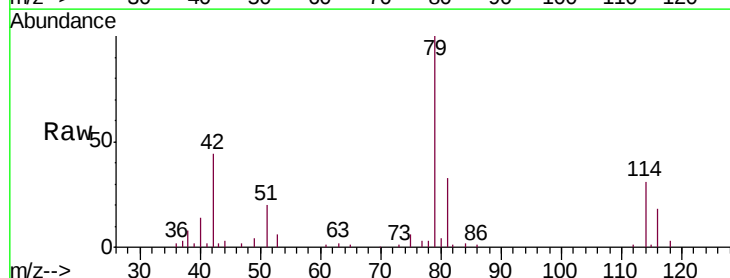
Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD4

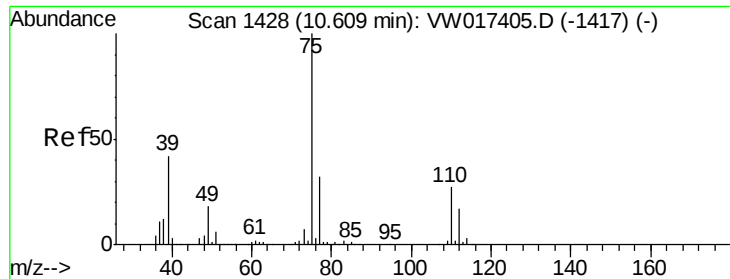
Tgt Ion: 63 Resp: 5033
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.735 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW017422.D
 Acq: 20 Nov 2020 17:09

Tgt Ion: 75 Resp: 1451
 Ion Ratio Lower Upper
 75 100
 77 48.4 21.8 40.4#





#45

trans-1,3-Dichloropropene

Concen: 0.536 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.04 min

Lab File: VW017422.D

Acq: 20 Nov 2020 17:09

Instrument :

MSVOA_W

ClientSampled :

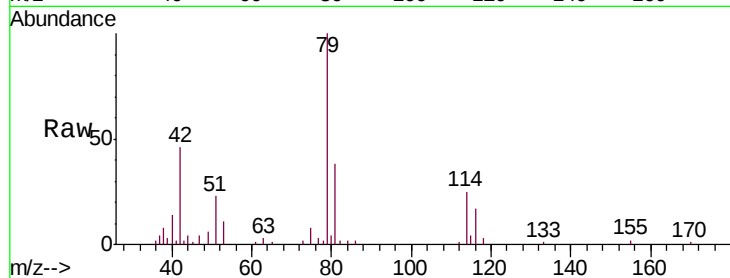
C0AD4

Tgt Ion: 75 Resp: 896

Ion Ratio Lower Upper

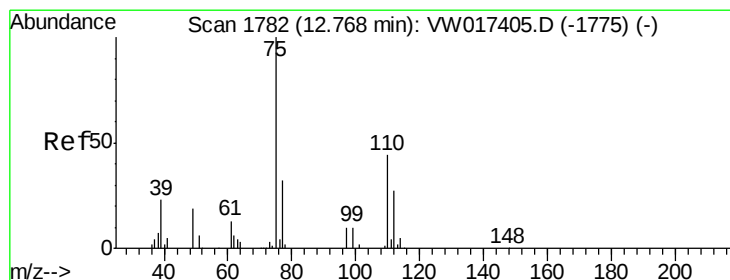
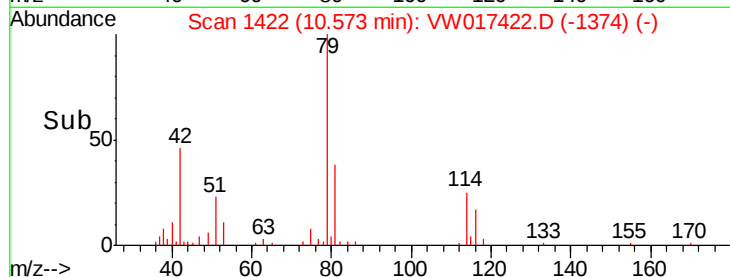
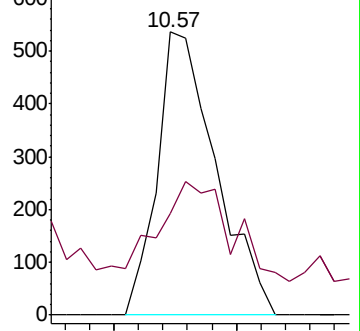
75 100

77 35.8 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 4.902 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017422.D

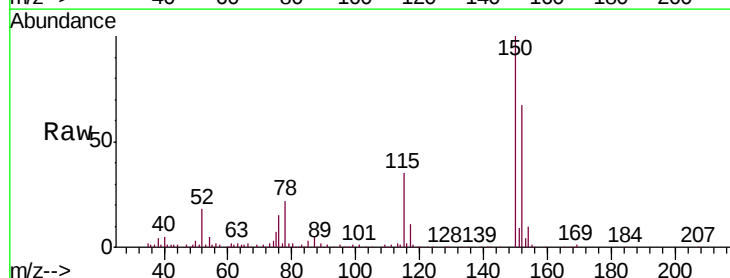
Acq: 20 Nov 2020 17:09

Tgt Ion: 75 Resp: 3842

Ion Ratio Lower Upper

75 100

77 31.1 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

