

Data File : VW017353.D
Acq On : 19 Nov 2020 01:20
Operator : SY/VA
Sample : L4749-22
Misc : 5.58G/14ML/MSVOA_W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BG1

Quant Time: Nov 19 05:08:50 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	435601	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	365804	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	126021	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	145517	22.56	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.24%
7) Chloroethane-d5	2.89	69	118141	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.24%
10) 1,1-Dichloroethene-d2	4.02	63	191320	16.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.84%
20) 2-Butanone-d5	7.08	46	36090	34.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.16%
24) Chloroform-d	7.65	84	269792	23.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.32%
26) 1,2-Dichloroethane-d4	8.31	65	136324	24.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.60%
29) Benzene-d6	8.27	84	516658	25.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.20%
33) 1,2-Dichloropropane-d6	9.27	67	146757	26.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.84%
37) Toluene-d8	10.32	98	471038	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.04%
38) trans-1,3-Dichloropropene-	10.58	79	48558	20.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.20%
39) 2-Hexanone-d5	10.93	63	27918	37.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101512	24.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	118109	25.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.56%

Target Compounds

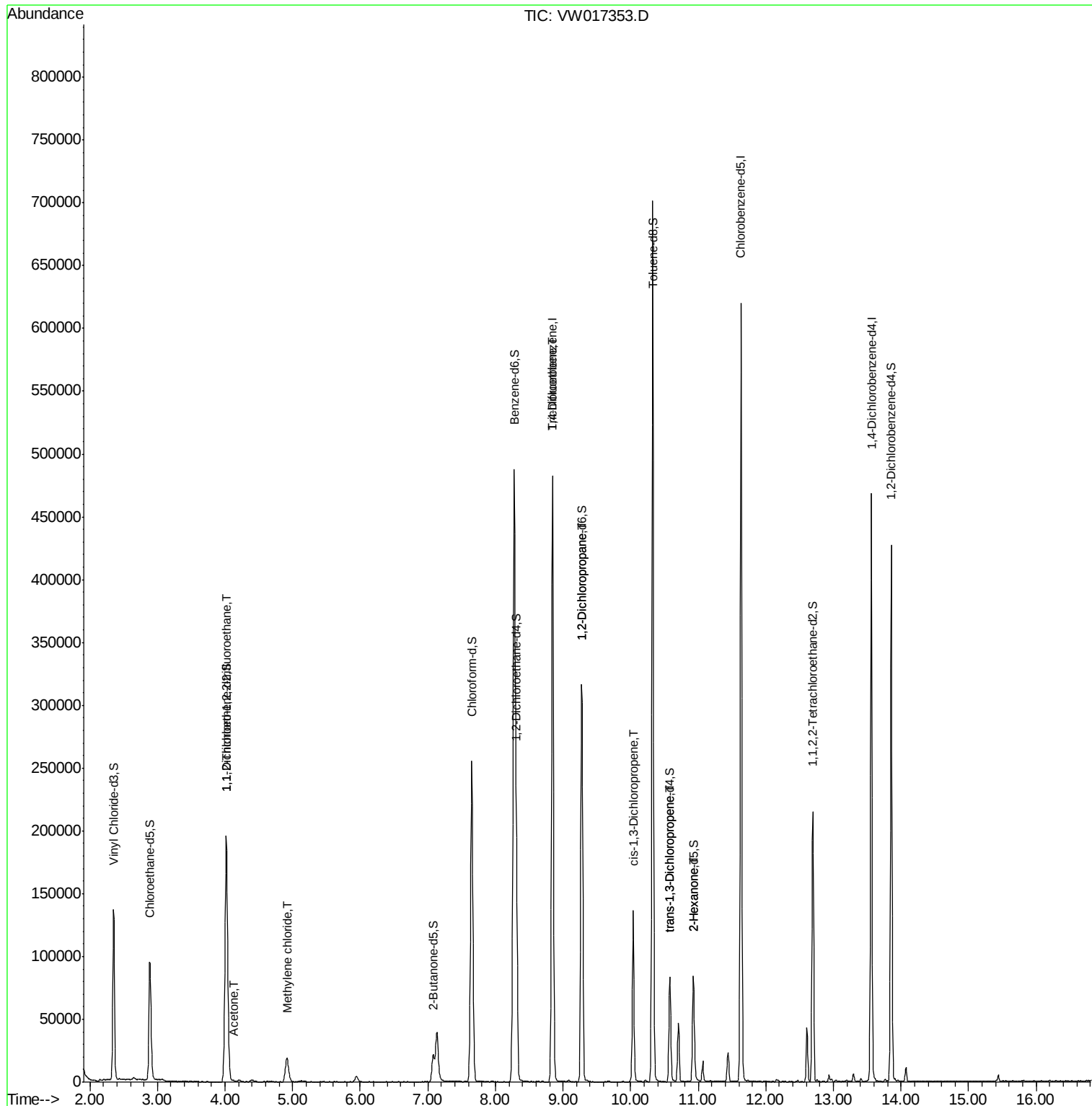
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	2041	0.342	ug/L #	16
13) Acetone	4.13	43	984	1.273	ug/L	55
16) Methylene chloride	4.92	84	16807	2.256	ug/L	97
35) Trichloroethene	8.85	95	12998	2.224	ug/L #	2
40) 1,2-Dichloropropane	9.28	63	17231	3.686	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3697	0.510	ug/L #	69
45) trans-1,3-Dichloropropene	10.58	75	2384	0.388	ug/L	92
49) 2-Hexanone	10.93	43	6377	4.567	ug/L #	58

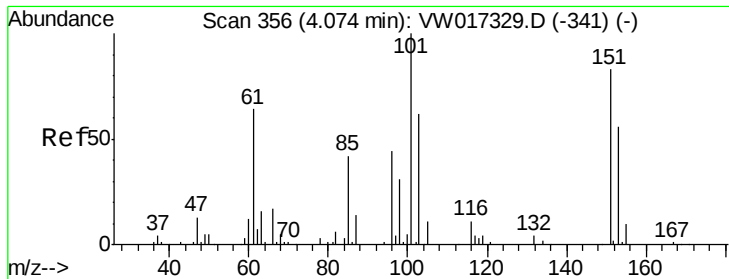
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW017353.D
Acq On : 19 Nov 2020 01:20
Operator : SY/VA
Sample : L4749-22
Misc : 5.58G/14ML/MSVOA_W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BG1

Quant Time: Nov 19 05:08:50 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





#11

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

Concen: 0.342 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.06 min

Lab File: VW017353.D

Acq: 19 Nov 2020 01:20

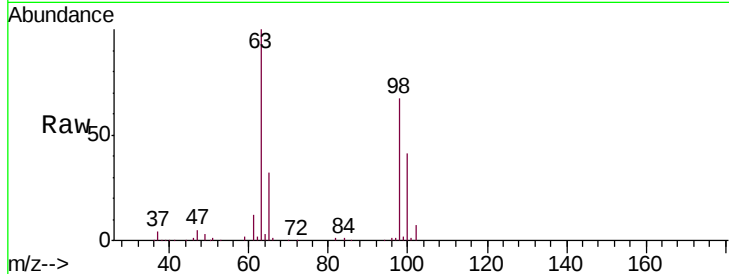
Instrument :

MSVOA_W

ClientSampled :

C0BG1

Tgt Ion:	101	Resp:	2041
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

4.01

600

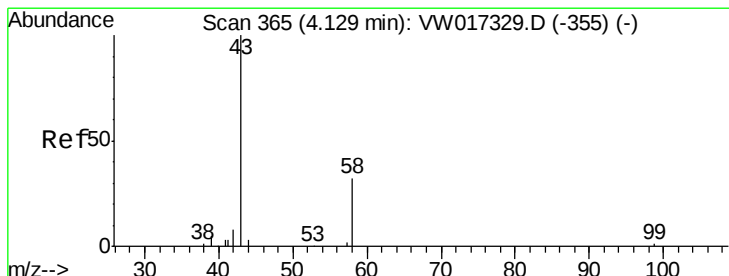
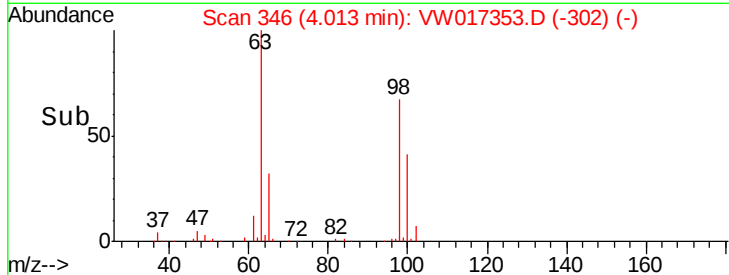
400

200

0

3.95 4.00 4.05 4.10

Time-->



#13

Acetone

Concen: 1.273 ug/L

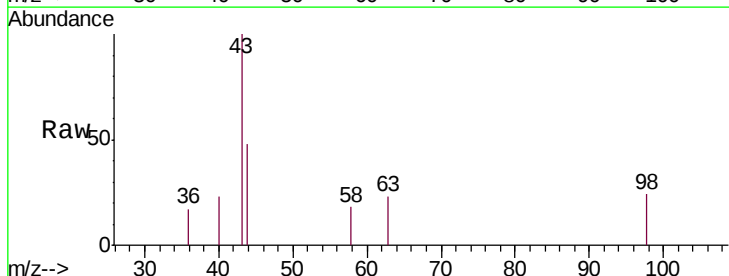
RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017353.D

Acq: 19 Nov 2020 01:20

Tgt Ion:	43	Resp:	984
Ion	Ratio	Lower	Upper
43	100		
58	8.1	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

500

400

300

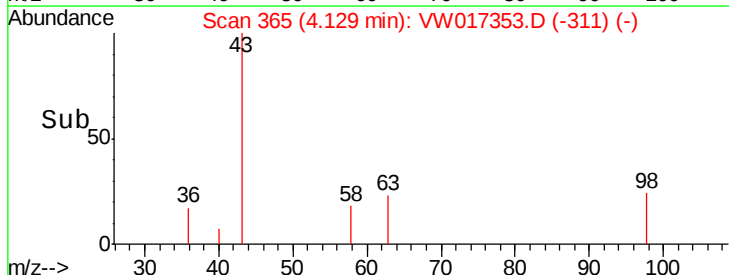
200

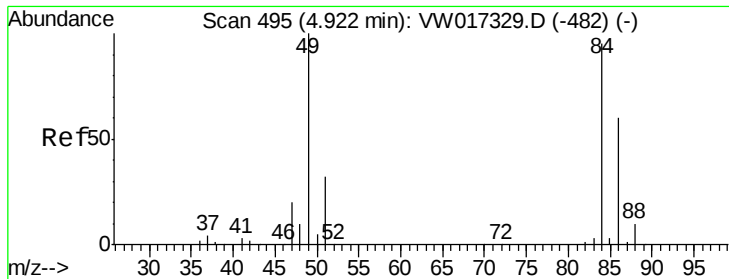
100

0

4.10 4.15

Time-->

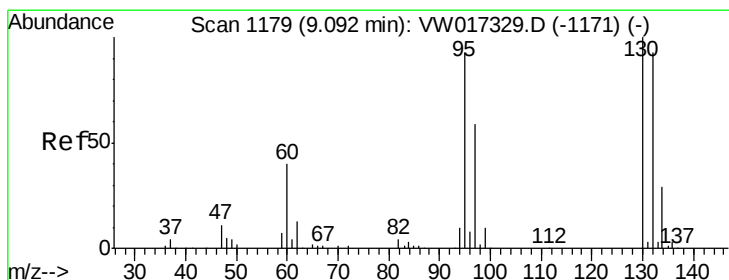
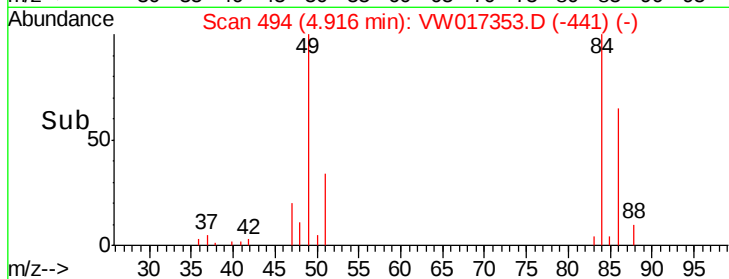
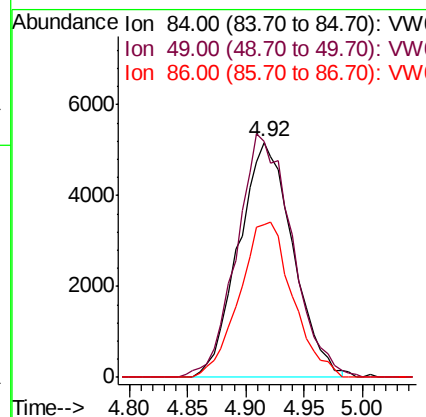
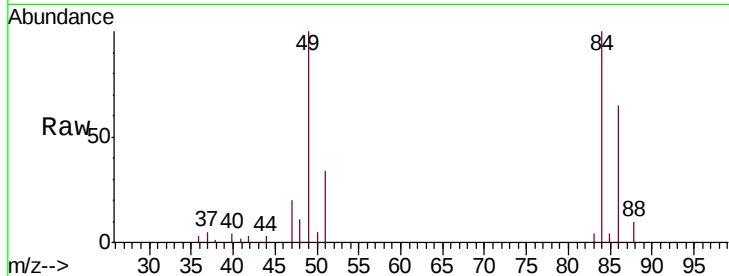




#16
Methylene chloride
Concen: 2.256 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017353.D
Acq: 19 Nov 2020 01:20

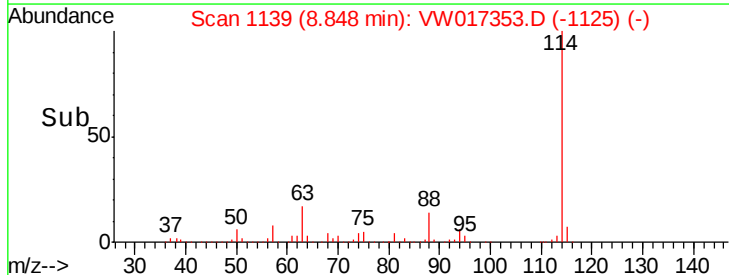
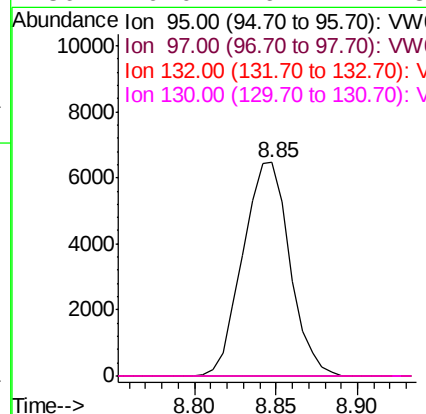
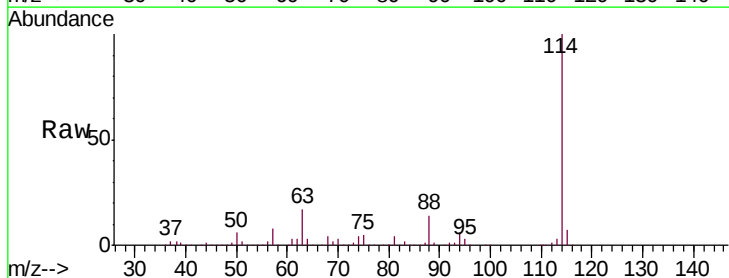
Instrument :
MSVOA_W
ClientSampleId :
C0BG1

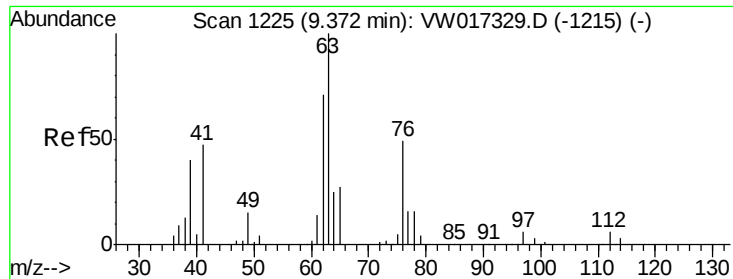
Tgt Ion: 84 Resp: 16807
Ion Ratio Lower Upper
84 100
49 100.4 71.5 132.9
86 65.2 42.8 79.4



#35
Trichloroethene
Concen: 2.224 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW017353.D
Acq: 19 Nov 2020 01:20

Tgt Ion: 95 Resp: 12998
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#

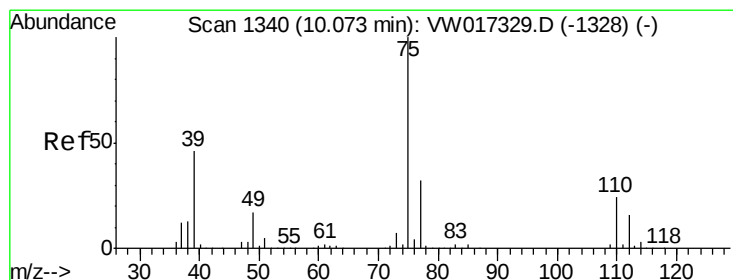
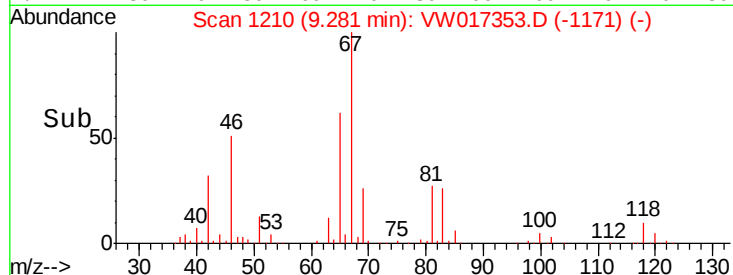
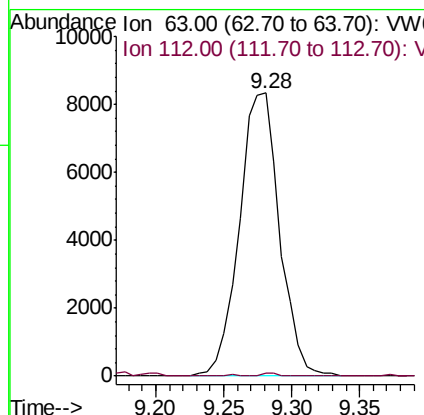
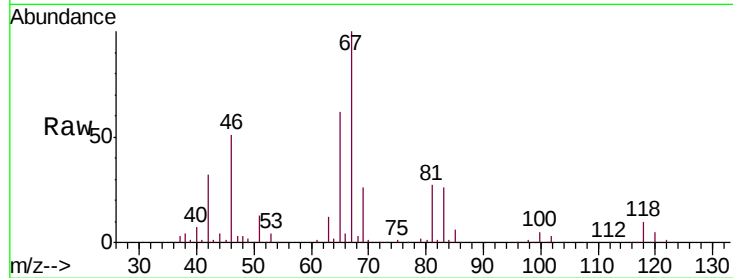




#40
 1,2-Dichloropropane
 Concen: 3.686 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW017353.D
 Acq: 19 Nov 2020 01:20

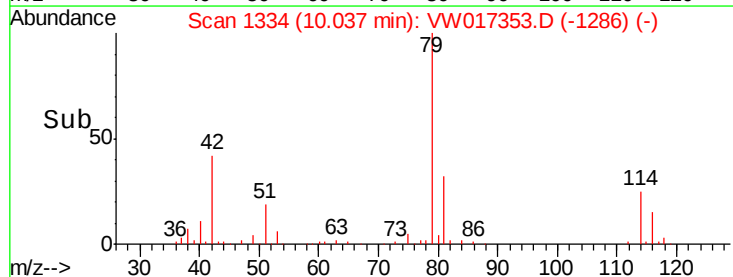
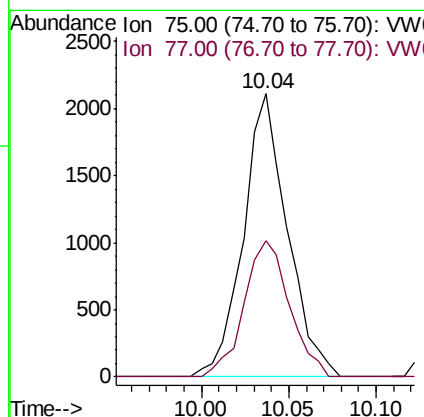
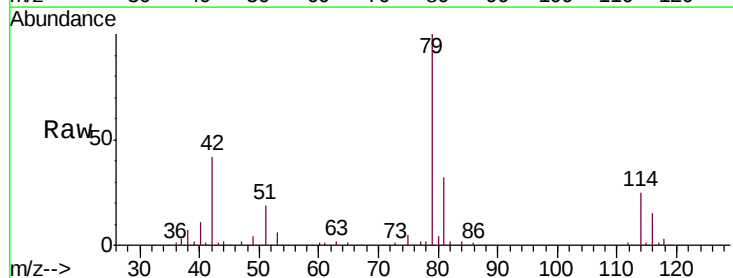
Instrument :
 MSVOA_W
 ClientSampleId :
 C0BG1

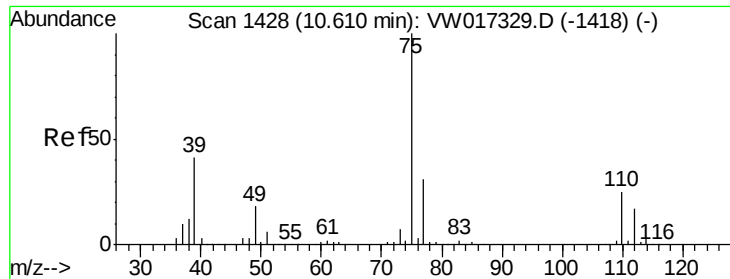
Tgt Ion: 63 Resp: 17231
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.2 6.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.510 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017353.D
 Acq: 19 Nov 2020 01:20

Tgt Ion: 75 Resp: 3697
 Ion Ratio Lower Upper
 75 100
 77 48.2 21.8 40.4#

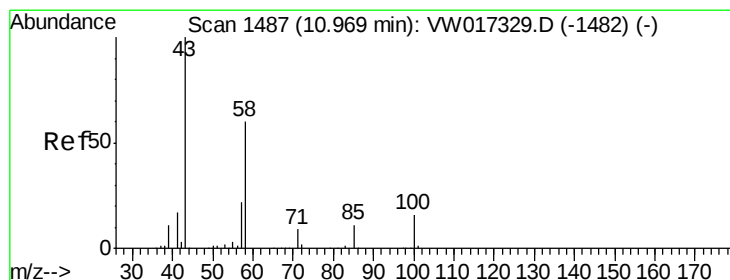
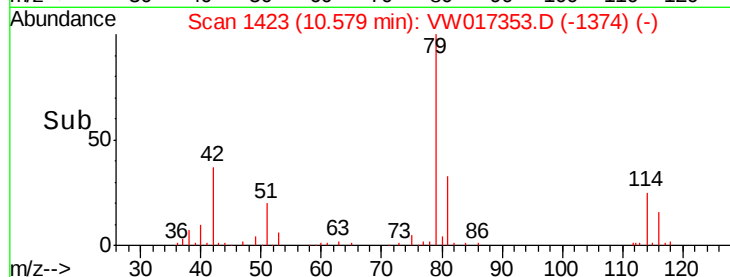
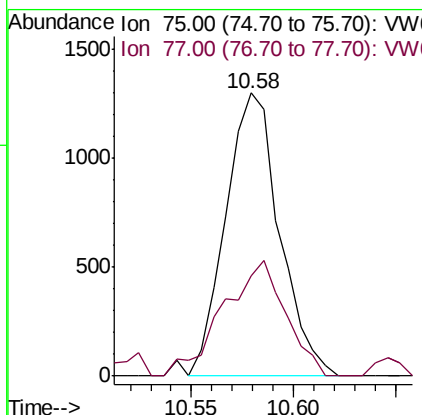
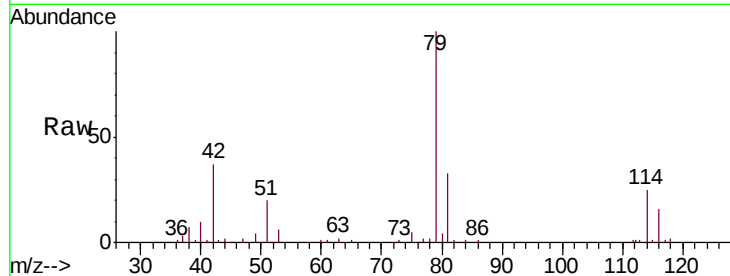




#45
trans-1,3-Dichloropropene
Concen: 0.388 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW017353.D
Acq: 19 Nov 2020 01:20

Instrument :
MSVOA_W
ClientSampled :
C0BG1

Tgt Ion: 75 Resp: 2384
Ion Ratio Lower Upper
75 100
77 35.6 22.0 40.8



#49
2-Hexanone
Concen: 4.567 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW017353.D
Acq: 19 Nov 2020 01:20

Tgt Ion: 43 Resp: 6377
Ion Ratio Lower Upper
43 100
58 18.4 49.4 74.0#
57 19.8 17.0 25.4
100 1.1 13.1 19.7#

