

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121020\
 Data File : VY003718.D
 Acq On : 10 Dec 2020 14:42
 Operator : SY/MD
 Sample : VIBLK90
 Misc : 4.72G/10ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK90

Quant Time: Dec 11 00:50:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 00:47:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	218955	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	206925	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	101961	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	52890	17.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.32%
7) Chloroethane-d5	2.77	69	45182	19.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.36%
10) 1,1-Dichloroethene-d2	3.86	63	82102	14.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.36%
20) 2-Butanone-d5	6.90	46	41163	37.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.58%
24) Chloroform-d	7.49	84	117296	20.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.28%
26) 1,2-Dichloroethane-d4	8.15	65	65405	20.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.52%
29) Benzene-d6	8.12	84	255699	21.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.36%
33) 1,2-Dichloropropane-d6	9.12	67	74509	21.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.08%
37) Toluene-d8	10.18	98	234983	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.52%
38) trans-1,3-Dichloropropene-	10.44	79	34072	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.44%
39) 2-Hexanone-d5	10.79	63	34654	39.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.04%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	62834	19.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.56%
61) 1,2-Dichlorobenzene-d4	13.72	152	87879	23.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.88%

Target Compounds

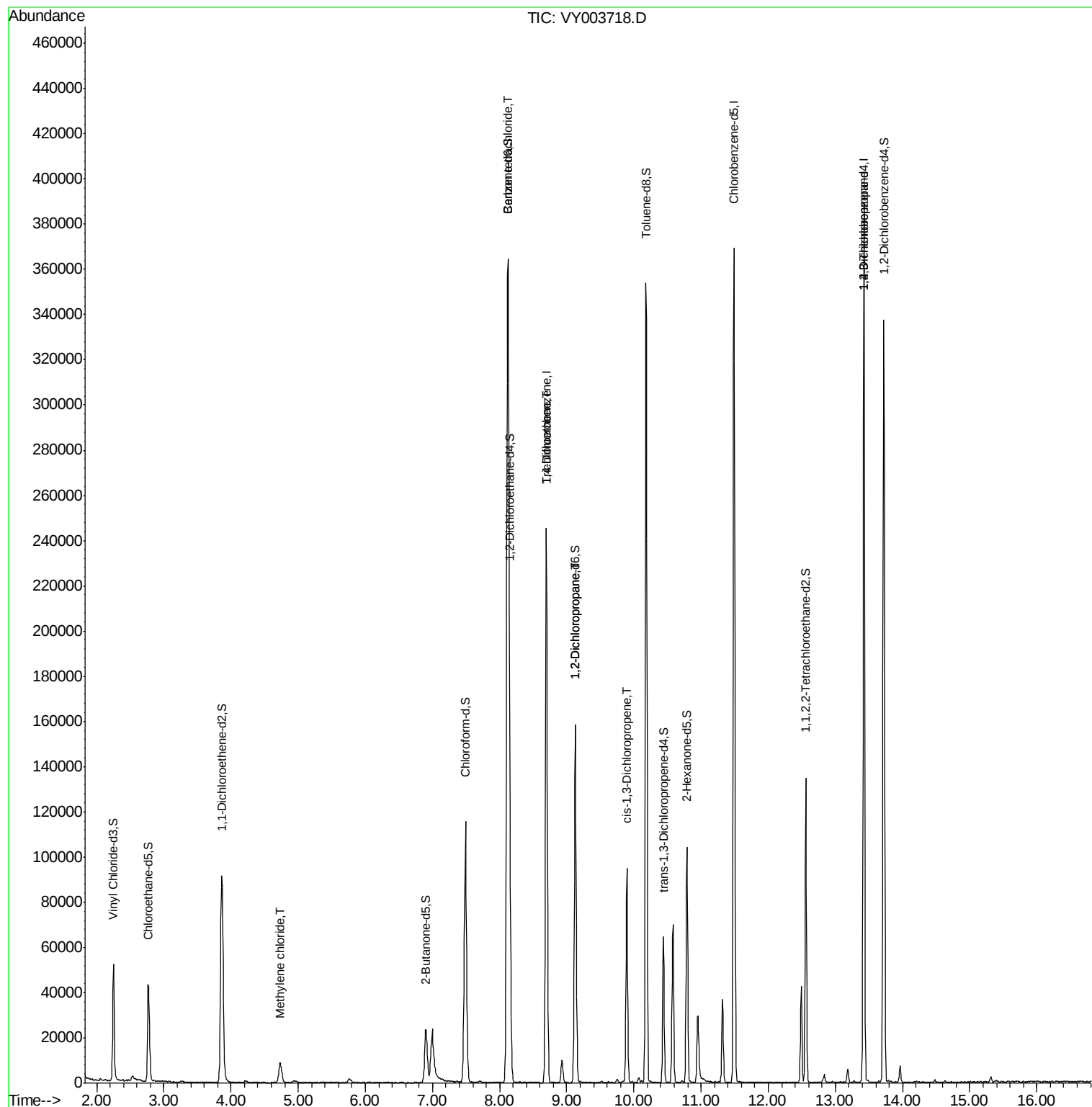
					Ovalue
16) Methylene chloride	4.73	84	6585	1.713 ug/L	97
32) Carbon tetrachloride	8.12	117	2288	0.584 ug/L #	18
35) Trichloroethene	8.69	95	6174	1.900 ug/L #	2
40) 1,2-Dichloropropane	9.13	63	8307	2.798 ug/L #	86
42) cis-1,3-Dichloropropene	9.89	75	2727	0.584 ug/L #	68
59) 1,2,3-Trichloropropane	13.42	75	12237	4.988 ug/L	95

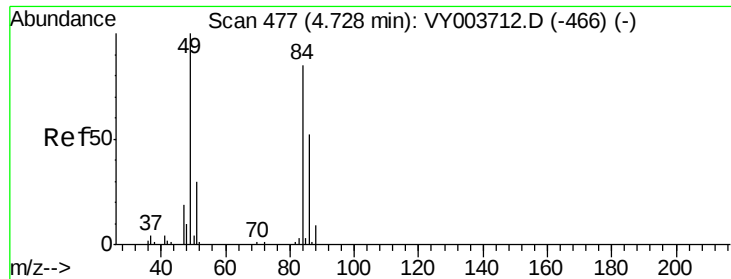
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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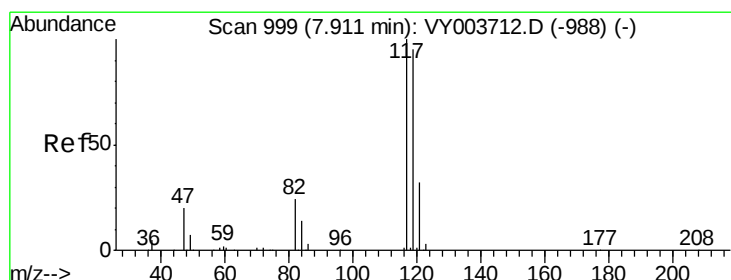
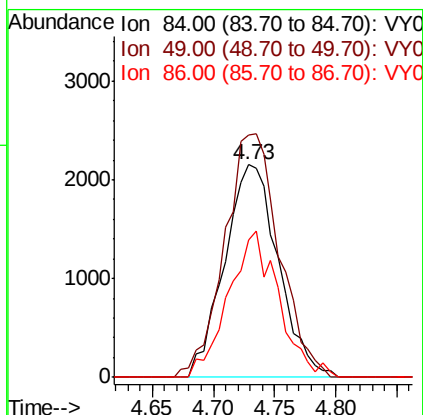
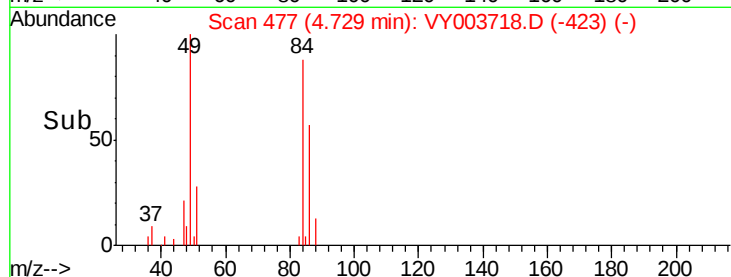
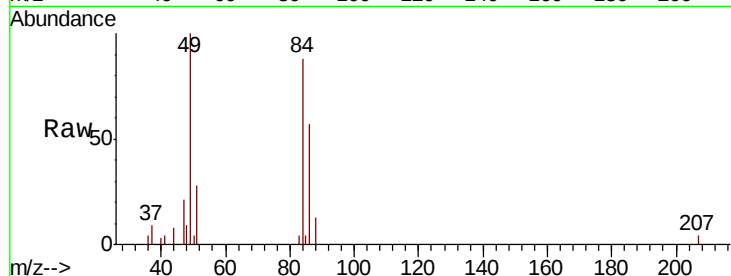




#16
Methvlene chloride
Concen: 1.713 ug/L
RT: 4.73 min Scan# 477
Delta R.T. 0.00 min
Lab File: VY003718.D
Acq: 10 Dec 2020 14:42

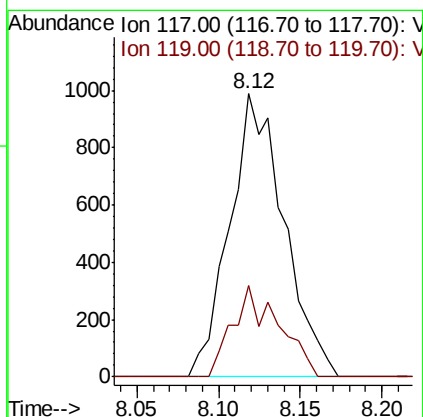
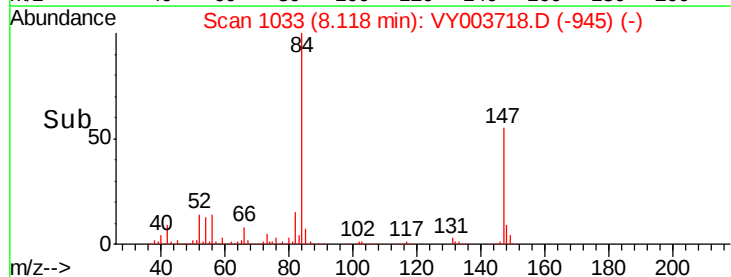
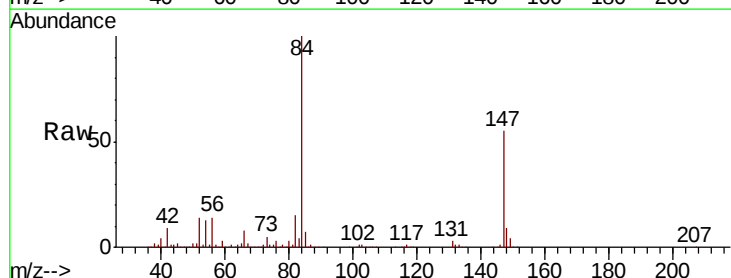
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK90

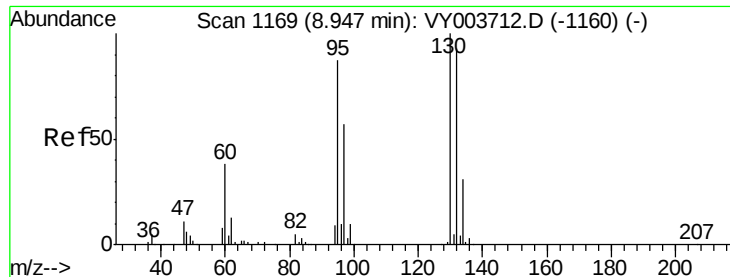
Tot Ion: 84 Resp: 6585
Ion Ratio Lower Upper
84 100
49 113.8 83.7 155.4
86 64.5 45.0 83.6



#32
Carbon tetrachloride
Concen: 0.584 ug/L
RT: 8.12 min Scan# 1033
Delta R.T. 0.21 min
Lab File: VY003718.D
Acq: 10 Dec 2020 14:42

Tgt Ion: 117 Resp: 2288
Ion Ratio Lower Upper
117 100
119 15.1 75.4 113.0#





#35

Trichloroethene

Concen: 1.900 ug/L

RT: 8.69 min Scan# 1127

Delta R.T. -0.26 min

Lab File: VY003718.D

Acq: 10 Dec 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK90

Tot Ion: 95 Resp: 6174

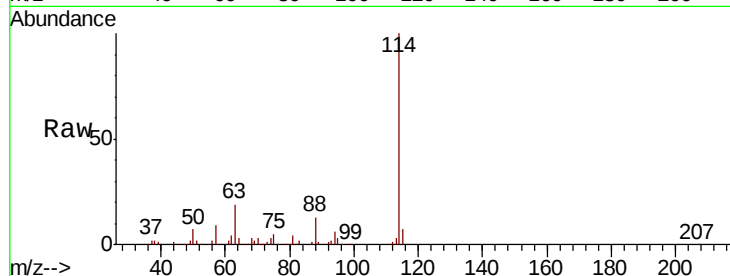
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 74.2 137.8#

130 0.0 76.2 141.6#

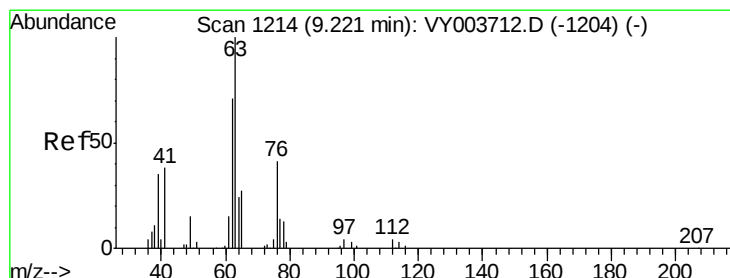
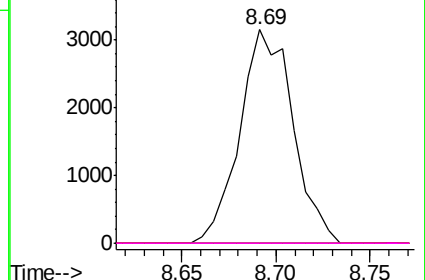
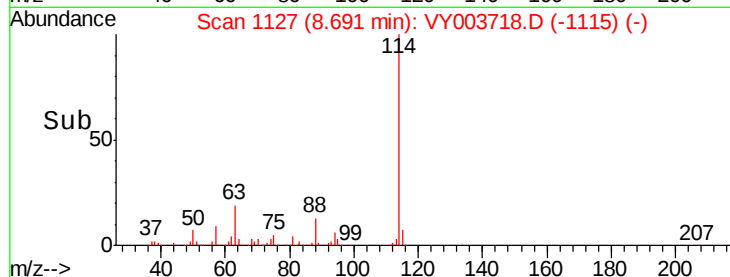


Abundance Ion 95.00 (94.70 to 95.70): VY0

Ion 97.00 (96.70 to 97.70): VY0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 2.798 ug/L

RT: 9.13 min Scan# 1199

Delta R.T. -0.09 min

Lab File: VY003718.D

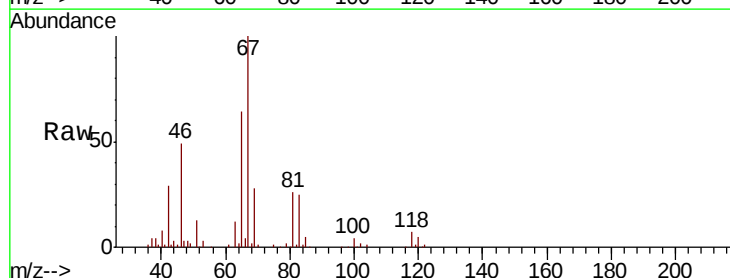
Acq: 10 Dec 2020 14:42

Tgt Ion: 63 Resp: 8307

Ion Ratio Lower Upper

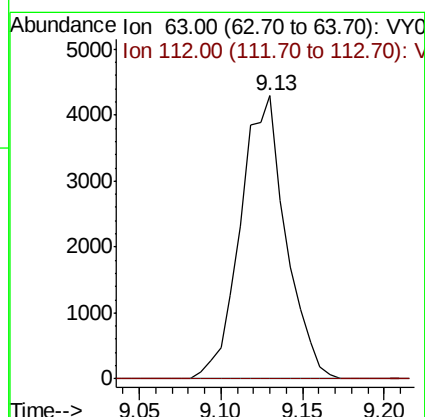
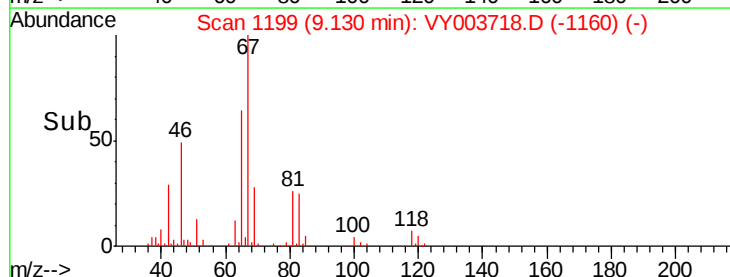
63 100

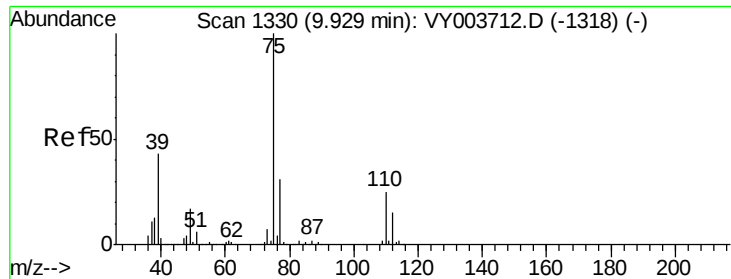
112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VY0

Ion 112.00 (111.70 to 112.70): V



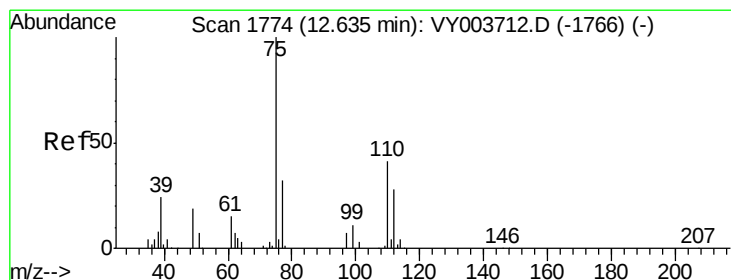
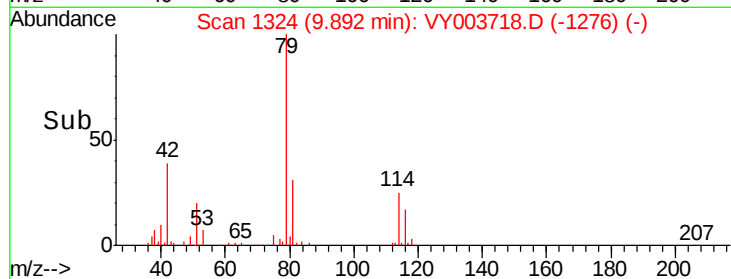
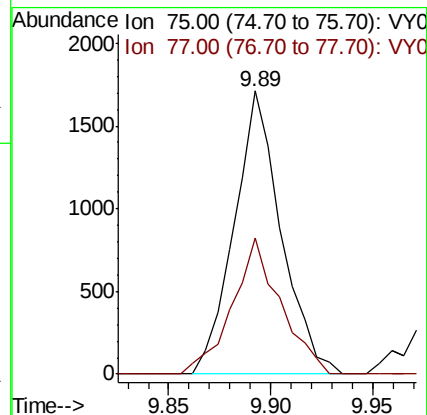
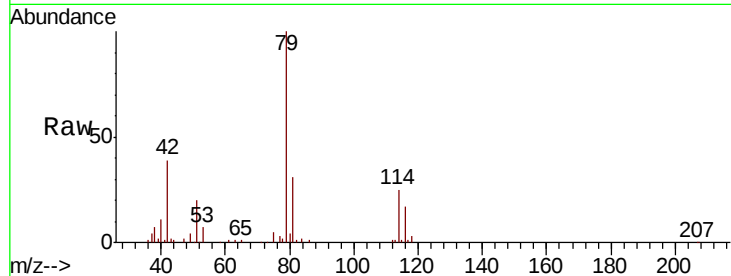


#42

cis-1,3-Dichloropropene
 Concen: 0.584 ug/L
 RT: 9.89 min Scan# 1324
 Delta R.T. -0.04 min
 Lab File: VY003718.D
 Acq: 10 Dec 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK90

Tot Ion: 75 Resp: 2727
 Ion Ratio Lower Upper
 75 100
 77 47.9 21.3 39.6#



#59

1,2,3-Trichloropropane
 Concen: 4.988 ug/L
 RT: 13.42 min Scan# 1903
 Delta R.T. 0.79 min
 Lab File: VY003718.D
 Acq: 10 Dec 2020 14:42

Tgt Ion: 75 Resp: 12237
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.9 38.9

