

Data File : VW009924.D
Acq On : 11 Apr 2019 19:28
Operator : SY/VA
Sample : K2303-19
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF887

Quant Time: Apr 12 02:08:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 01:59:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	157013	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	162385	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	54868	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	32861	15.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.96%
7) Chloroethane-d5	2.89	69	39496	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.92%
10) 1,1-Dichloroethene-d2	4.01	63	68029	15.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.60%
20) 2-Butanone-d5	7.08	46	55221	82.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	165.56%#
24) Chloroform-d	7.65	84	154346	36.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	144.12%
26) 1,2-Dichloroethane-d4	8.31	65	116779	44.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	177.60%#
29) Benzene-d6	8.27	84	244240	28.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.60%
33) 1,2-Dichloropropane-d6	9.27	67	97322	36.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	147.84%#
37) Toluene-d8	10.32	98	184726	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.76%
38) trans-1,3-Dichloropropene-	10.57	79	26745	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.20%
39) 2-Hexanone-d5	10.93	63	30491	61.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93537	38.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	152.84%#
61) 1,2-Dichlorobenzene-d4	13.86	152	61164	31.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	127.08%#

Target Compounds

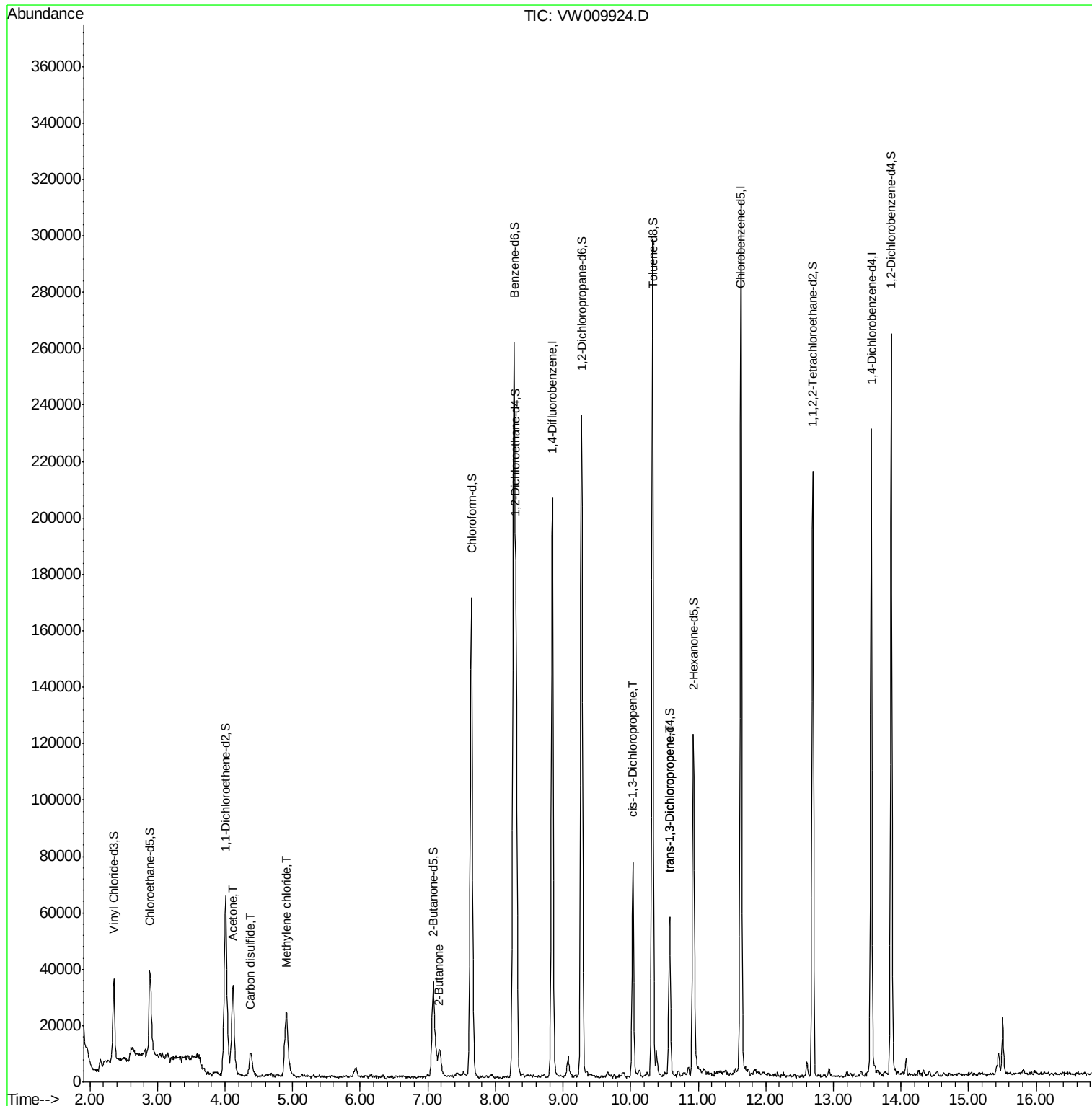
					Qvalue
13) Acetone	4.12	43	56794	79.458 ug/L	84
14) Carbon disulfide	4.37	76	11880	1.833 ug/L #	95
16) Methylene chloride	4.90	84	17224	6.220 ug/L	97
21) 2-Butanone	7.17	43	14095	15.505 ug/L	83
42) cis-1,3-Dichloropropene	10.04	75	2219	0.573 ug/L #	53
45) trans-1,3-Dichloropropene	10.57	75	1983	0.594 ug/L	85

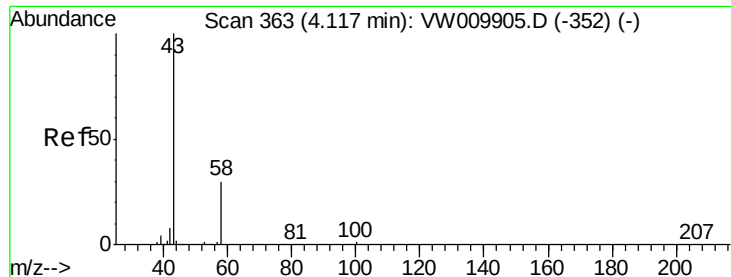
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW009924.D
Acq On : 11 Apr 2019 19:28
Operator : SY/VA
Sample : K2303-19
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF887

Quant Time: Apr 12 02:08:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 01:59:20 2019
Response via : Initial Calibration





#13

Acetone

Concen: 79.458 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009924.D

Acq: 11 Apr 2019 19:28

Instrument :

MSVOA_W

ClientSampleId :

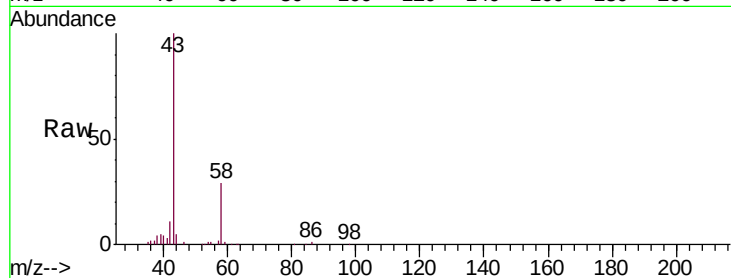
BF887

Tgt Ion: 43 Resp: 56794

Ion Ratio Lower Upper

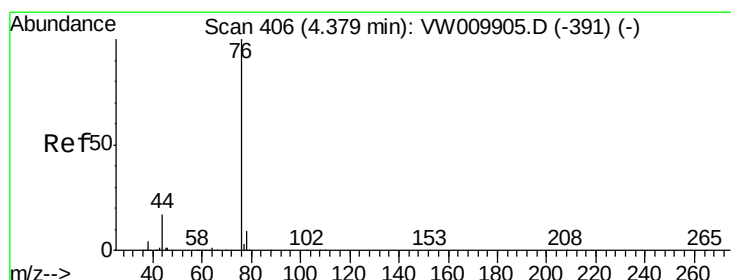
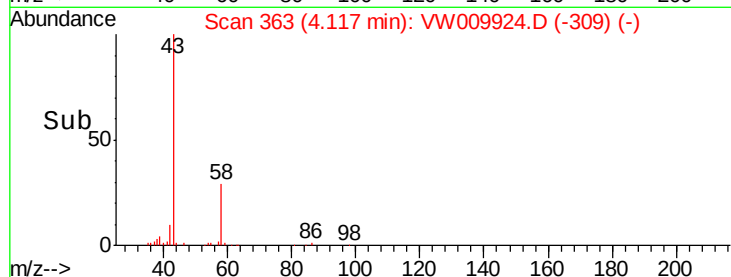
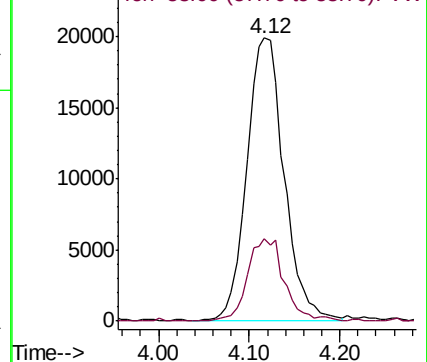
43 100

58 18.4 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 1.833 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW009924.D

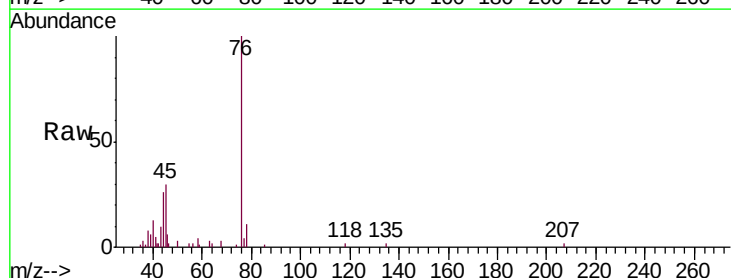
Acq: 11 Apr 2019 19:28

Tgt Ion: 76 Resp: 11880

Ion Ratio Lower Upper

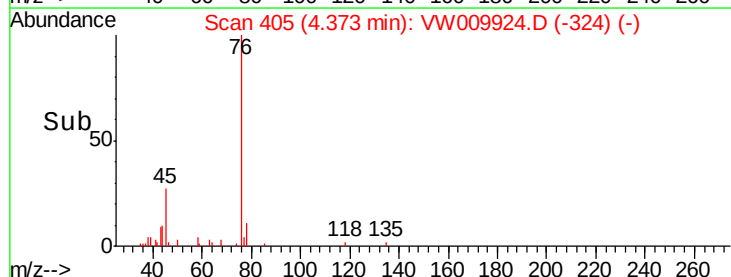
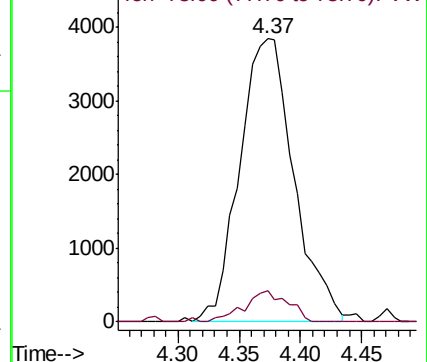
76 100

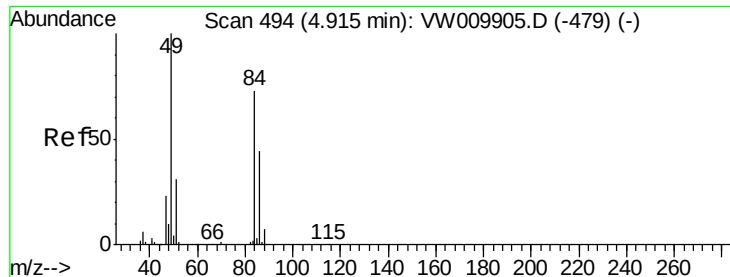
78 11.0 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

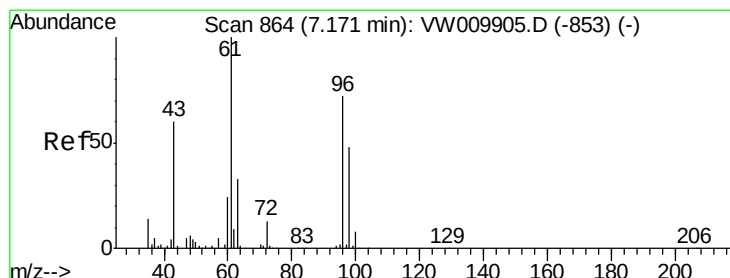
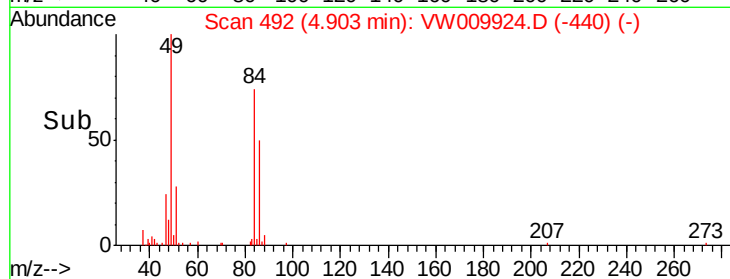
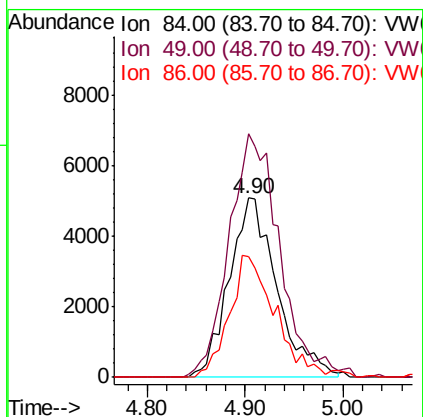
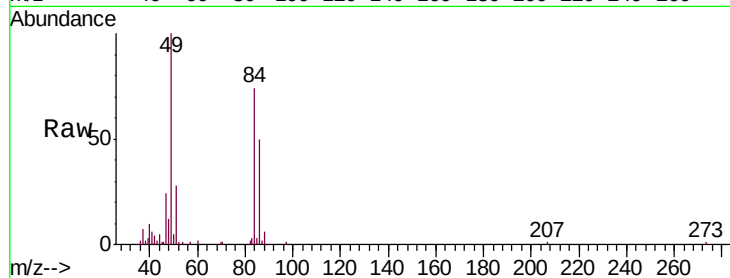




#16
Methylene chloride
Concen: 6.220 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009924.D
Acq: 11 Apr 2019 19:28

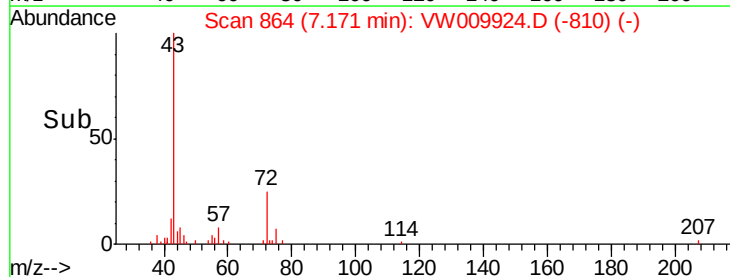
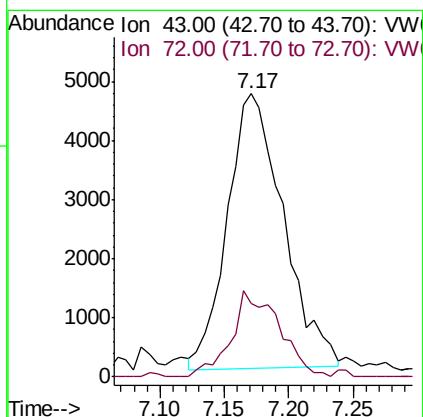
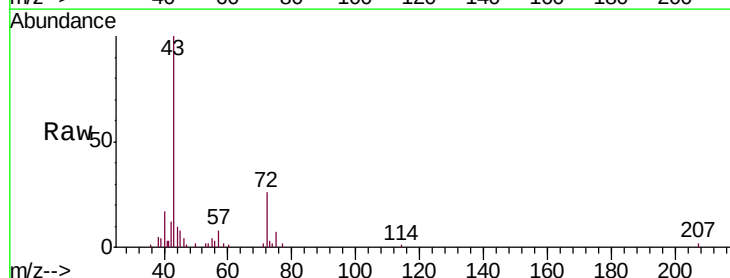
Instrument :
MSVOA_W
ClientSampleId :
BF887

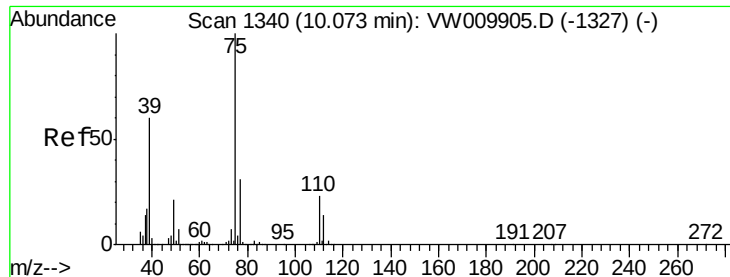
Tgt Ion: 84 Resp: 17224
Ion Ratio Lower Upper
84 100
49 136.0 98.3 182.5
86 67.4 46.4 86.2



#21
2-Butanone
Concen: 15.505 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009924.D
Acq: 11 Apr 2019 19:28

Tgt Ion: 43 Resp: 14095
Ion Ratio Lower Upper
43 100
72 15.8 12.0 36.1





#42

cis-1,3-Dichloropropene

Concen: 0.573 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009924.D

Acq: 11 Apr 2019 19:28

Instrument :

MSVOA_W

ClientSampled :

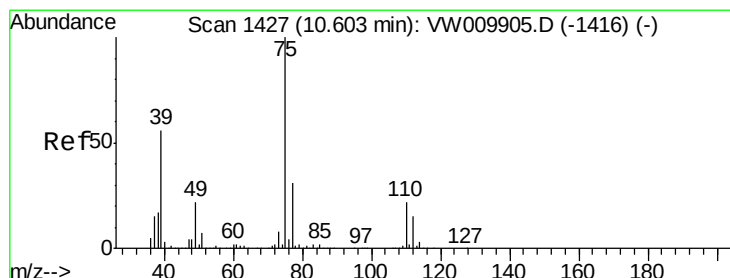
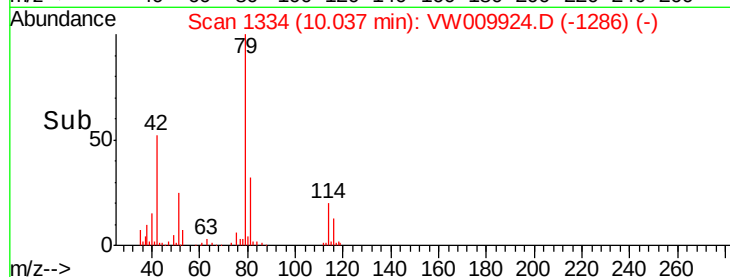
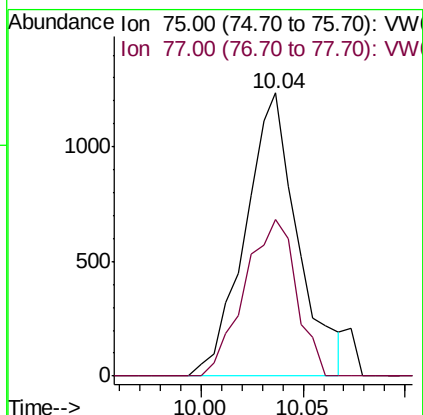
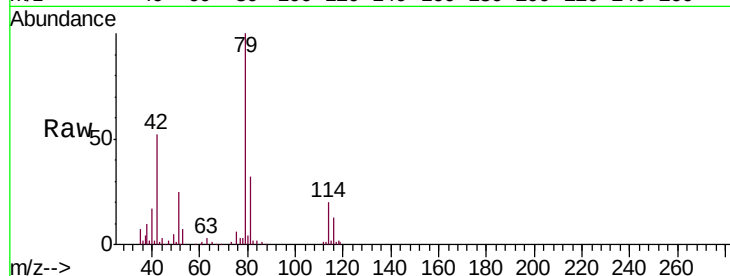
BF887

Tgt Ion: 75 Resp: 2219

Ion Ratio Lower Upper

75 100

77 55.5 21.0 39.0#



#45

trans-1,3-Dichloropropene

Concen: 0.594 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009924.D

Acq: 11 Apr 2019 19:28

Tgt Ion: 75 Resp: 1983

Ion Ratio Lower Upper

75 100

77 38.1 21.1 39.3

