

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
 Data File : VW009343.D
 Acq On : 22 Mar 2019 12:40
 Operator : SY/VA
 Sample : K2048-04
 Misc : 5.51G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0F5

Quant Time: Mar 23 00:17:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 00:14:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	371057	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	358738	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	165991	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	103552	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.40%
7) Chloroethane-d5	2.89	69	102542	19.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.04%
10) 1,1-Dichloroethene-d2	4.01	63	161272	16.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.32%
20) 2-Butanone-d5	7.07	46	79084	43.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.26%
24) Chloroform-d	7.65	84	229516	22.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	8.31	65	137551	22.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.20%
29) Benzene-d6	8.27	84	424941	21.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.92%
33) 1,2-Dichloropropane-d6	9.27	67	131719	22.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.68%
37) Toluene-d8	10.32	98	373669	20.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.72%
38) trans-1,3-Dichloropropene-	10.57	79	60312	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.84%
39) 2-Hexanone-d5	10.93	63	59962	41.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129479	22.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	148497	23.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.32%

Target Compounds

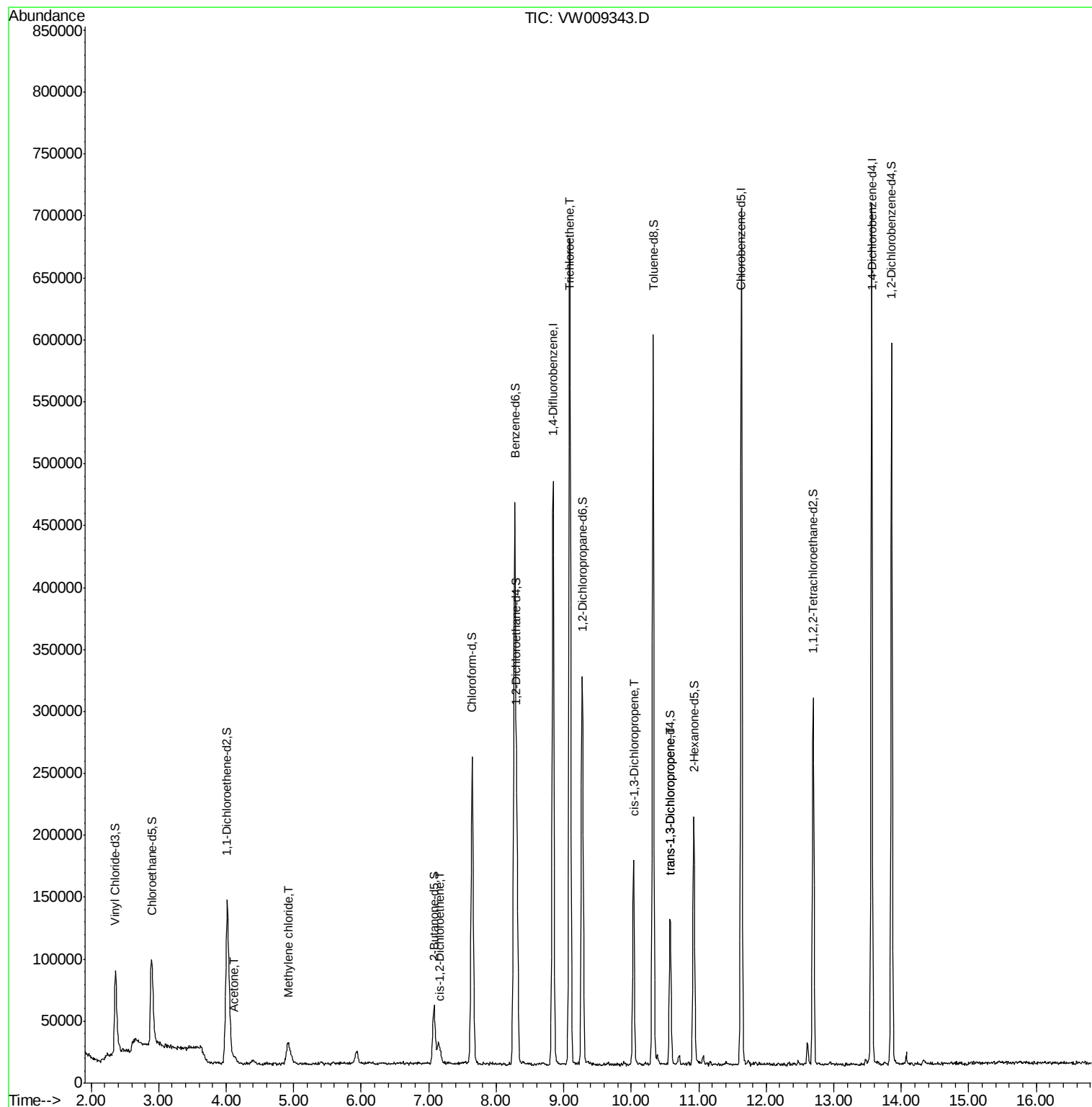
					Qvalue
13) Acetone	4.12	43	5156	3.429 ug/L	96
16) Methylene chloride	4.92	84	15274	2.823 ug/L	86
22) cis-1,2-Dichloroethene	7.17	96	2867	0.551 ug/L	82
35) Trichloroethene	9.09	95	217175	41.509 ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	4420	0.539 ug/L #	66
45) trans-1,3-Dichloropropene	10.57	75	3350	0.469 ug/L	97

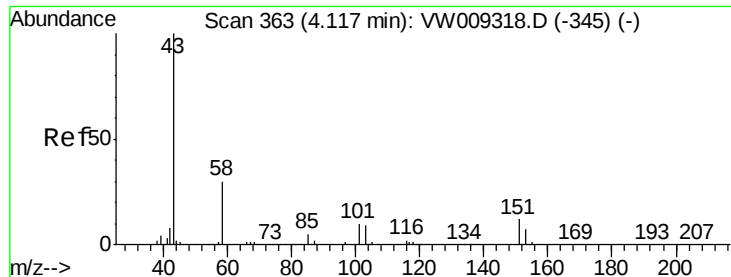
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 23 00:14:14 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.429 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Acq: 22 Mar 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

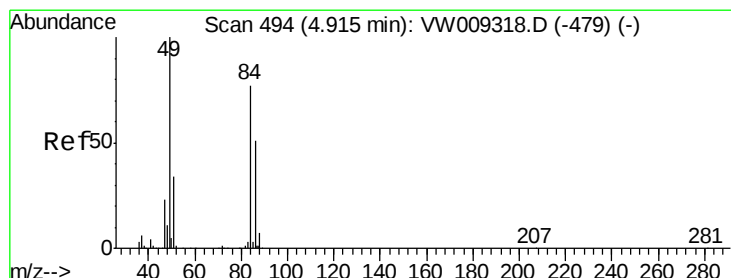
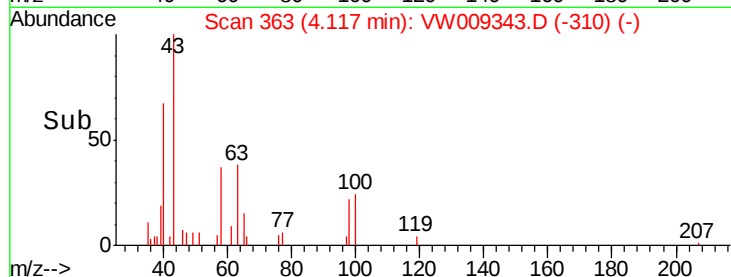
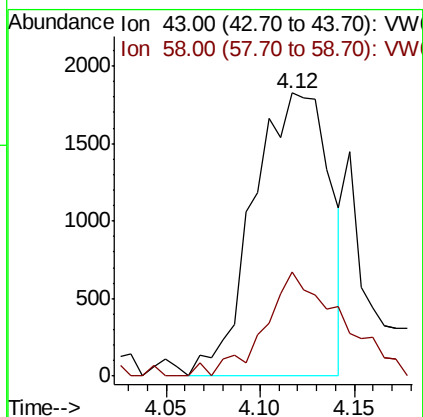
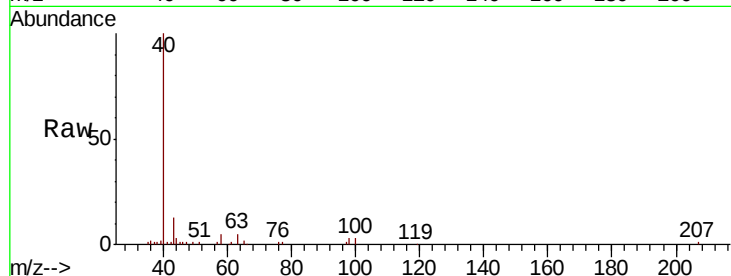
BF0F5

Tgt Ion: 43 Resp: 5156

Ion Ratio Lower Upper

43 100

58 30.4 0.0 56.2



#16

Methylene chloride

Concen: 2.823 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW009343.D

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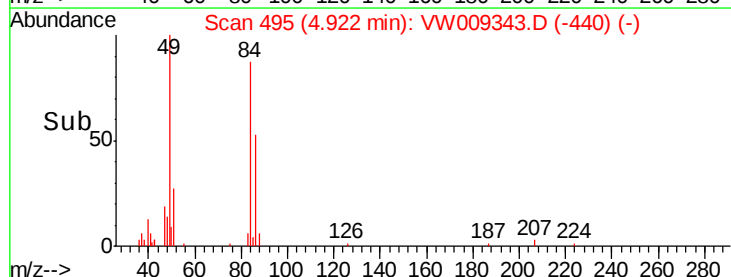
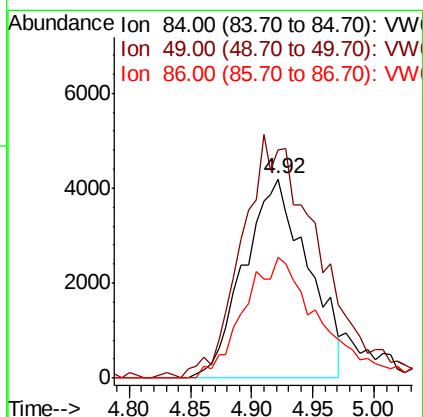
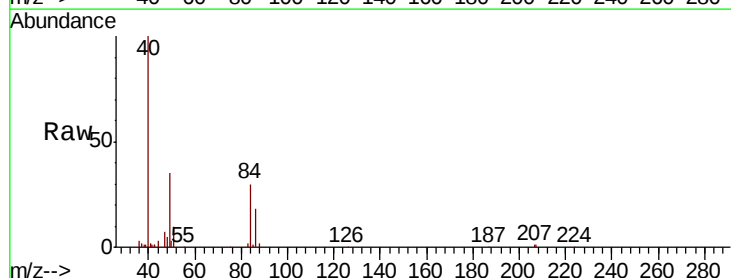
Tgt Ion: 84 Resp: 15274

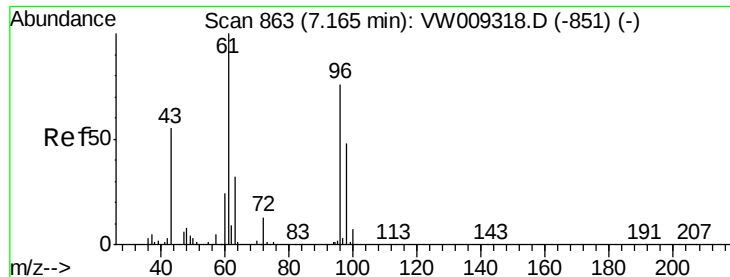
Ion Ratio Lower Upper

84 100

49 114.6 96.0 178.2

86 60.9 44.4 82.5





#22

cis-1,2-Dichloroethene

Concen: 0.551 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009343.D

Acq: 22 Mar 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

BF0F5

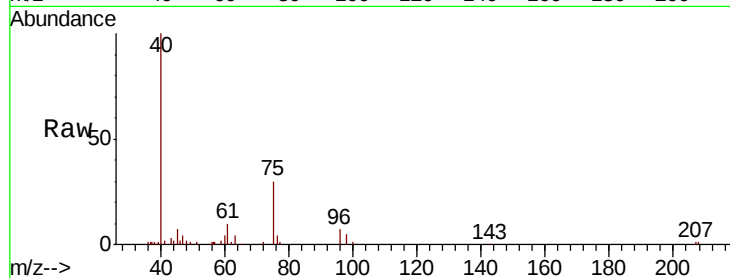
Tgt Ion: 96 Resp: 2867

Ion Ratio Lower Upper

96 100

61 151.7 90.6 168.3

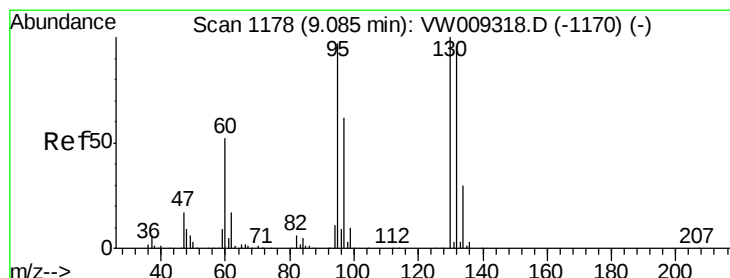
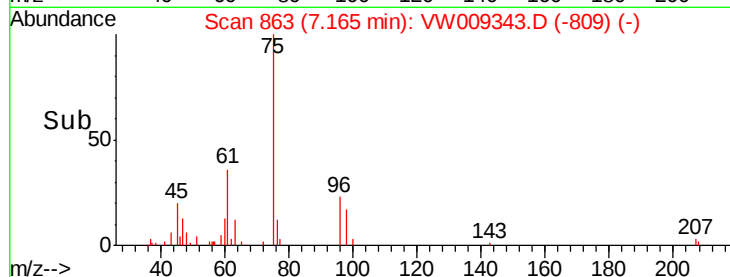
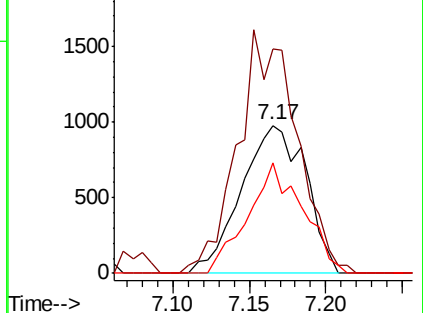
98 74.3 44.0 81.8



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW



#35

Trichloroethene

Concen: 41.509 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009343.D

Acq: 22 Mar 2019 12:40

Tgt Ion: 95 Resp: 217175

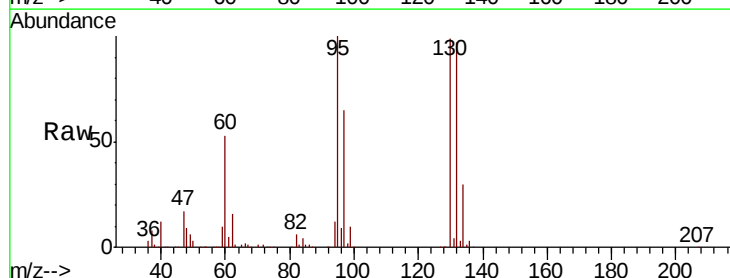
Ion Ratio Lower Upper

95 100

97 66.3 44.7 82.9

132 98.1 69.0 128.2

130 102.1 72.7 134.9

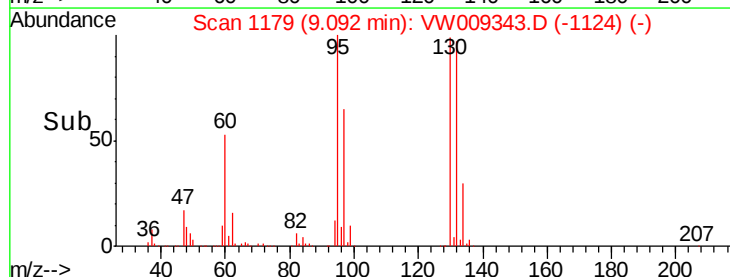
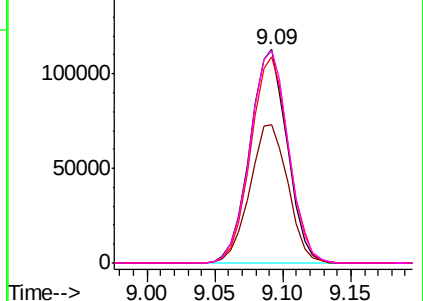


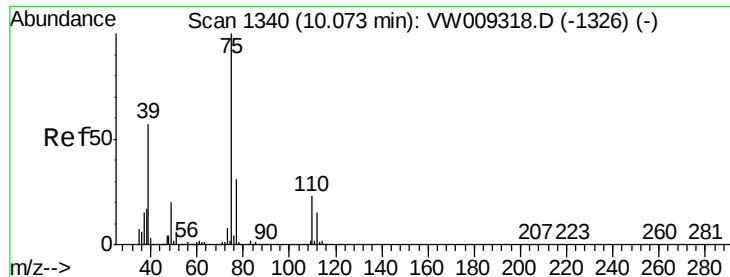
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#42

cis-1,3-Dichloropropene

Concen: 0.539 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009343.D

Acq: 22 Mar 2019 12:40

Instrument :

MSVOA_W

ClientSampleId :

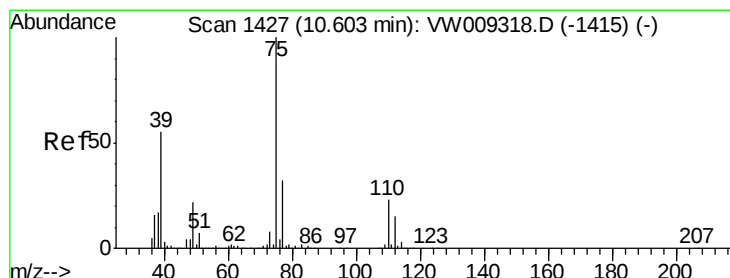
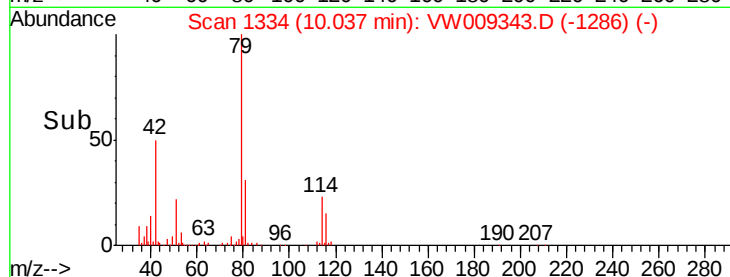
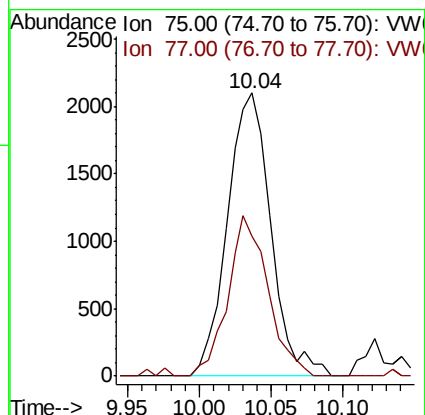
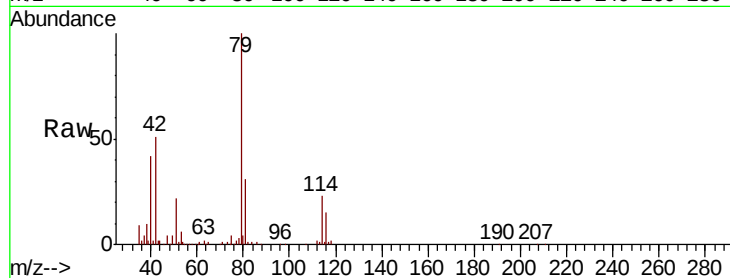
BF0F5

Tgt Ion: 75 Resp: 4420

Ion Ratio Lower Upper

75 100

77 49.5 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.469 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009343.D

Acq: 22 Mar 2019 12:40

Tgt Ion: 75 Resp: 3350

Ion Ratio Lower Upper

75 100

77 33.8 22.5 41.7

