

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009584.D
 Acq On : 30 Mar 2019 12:25
 Operator : SY/VA
 Sample : K2128-18
 Misc : 5.65G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0Z8

Quant Time: Mar 30 21:19:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	395091	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	362908	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	134344	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	109714	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.96%
7) Chloroethane-d5	2.89	69	120657	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.36%
10) 1,1-Dichloroethene-d2	4.01	63	182119	17.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.40%
20) 2-Butanone-d5	7.07	46	69691	35.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.38%
24) Chloroform-d	7.64	84	285780	26.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.04%
26) 1,2-Dichloroethane-d4	8.30	65	162626	25.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.16%
29) Benzene-d6	8.27	84	514789	25.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.88%
33) 1,2-Dichloropropane-d6	9.27	67	162302	27.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.00%
37) Toluene-d8	10.32	98	441306	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.40%
38) trans-1,3-Dichloropropene-	10.57	79	52580	17.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.68%
39) 2-Hexanone-d5	10.93	63	48122	33.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116508	19.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	133732	25.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.84%

Target Compounds

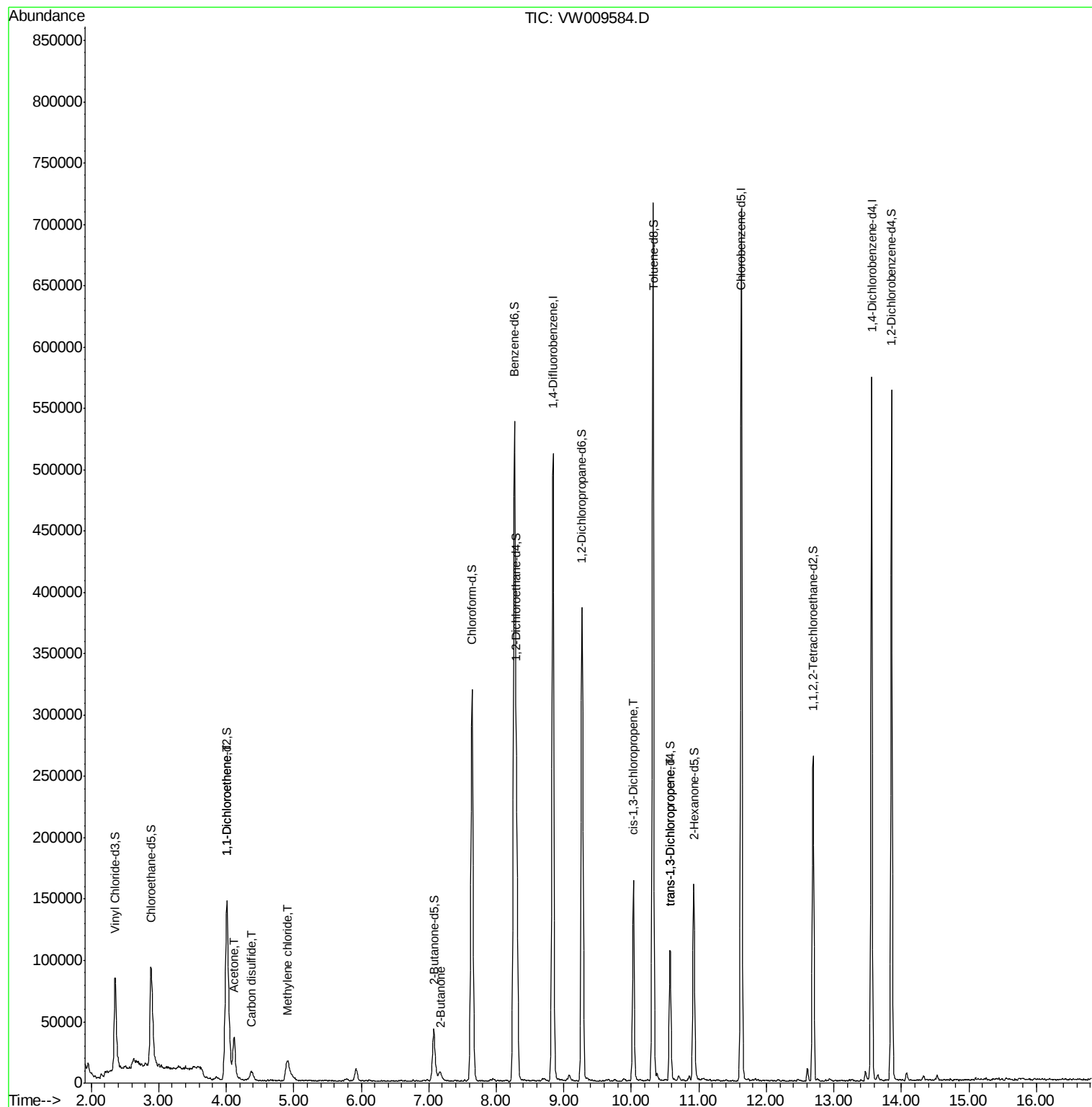
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.01	96	1680	0.345	ug/L #	1
13) Acetone	4.12	43	57781	36.086	ug/L	98
14) Carbon disulfide	4.37	76	14302	1.092	ug/L #	89
16) Methylene chloride	4.91	84	14734	2.557	ug/L	94
21) 2-Butanone	7.18	43	9627	4.354	ug/L	87
42) cis-1,3-Dichloropropene	10.03	75	4905	0.591	ug/L	94
45) trans-1,3-Dichloropropene	10.57	75	3046	0.422	ug/L #	61

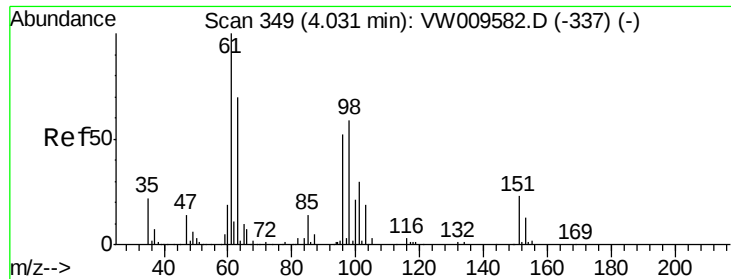
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.345 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.02 min

Lab File: VW009584.D

Acq: 30 Mar 2019 12:25

Instrument :

MSVOA_W

ClientSampled :

BF0Z8

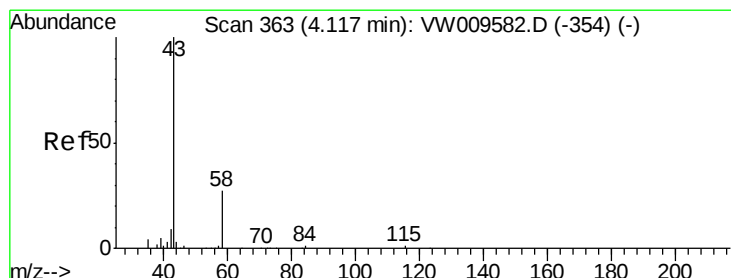
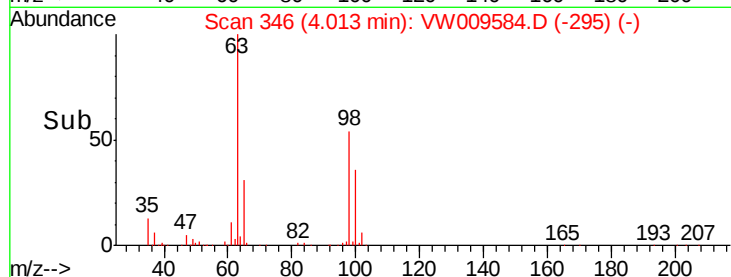
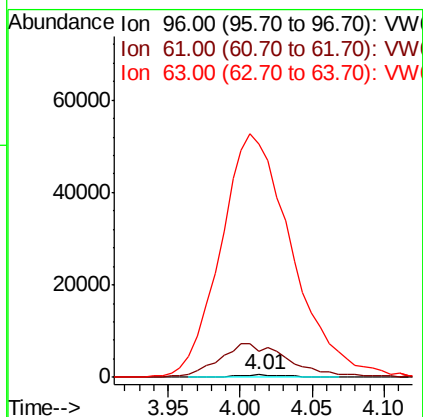
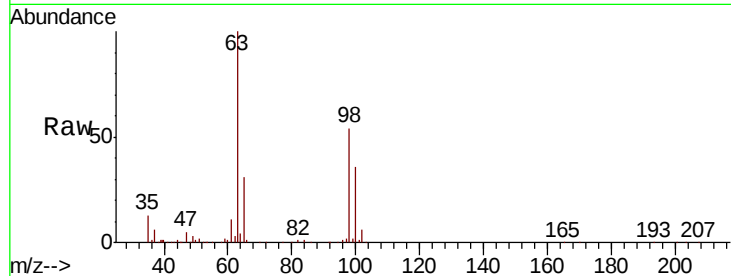
Tgt Ion: 96 Resp: 1680

Ion Ratio Lower Upper

96 100

61 1053.7 129.4 240.2#

63 9656.6 116.8 217.0#



#13

Acetone

Concen: 36.086 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW009584.D

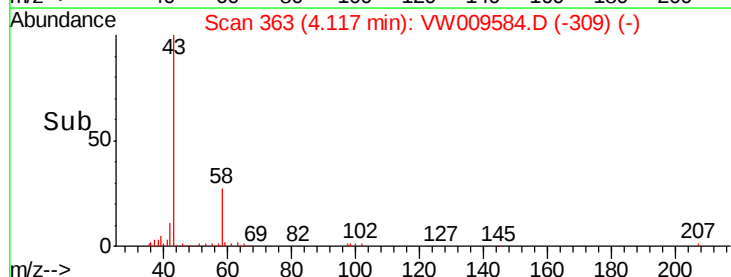
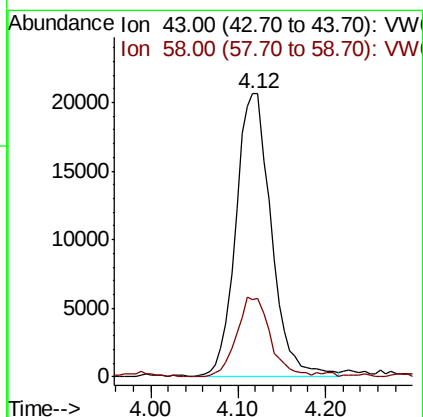
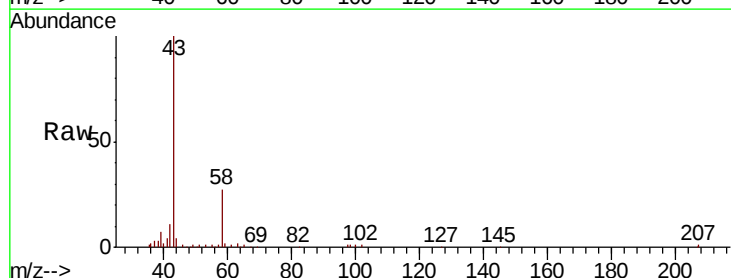
Acq: 30 Mar 2019 12:25

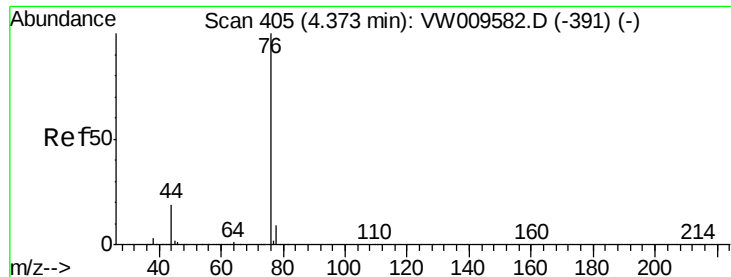
Tgt Ion: 43 Resp: 57781

Ion Ratio Lower Upper

43 100

58 27.1 0.0 56.2





#14

Carbon disulfide

Concen: 1.092 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW009584.D

Acq: 30 Mar 2019 12:25

Instrument :

MSVOA_W

ClientSampled :

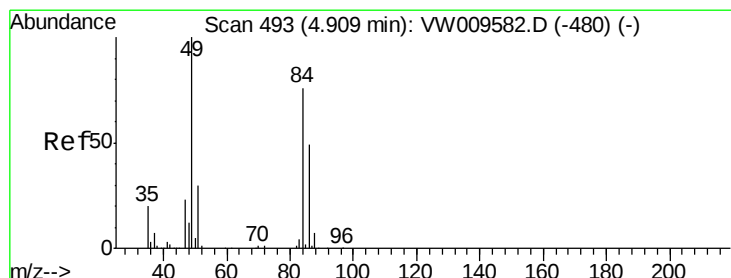
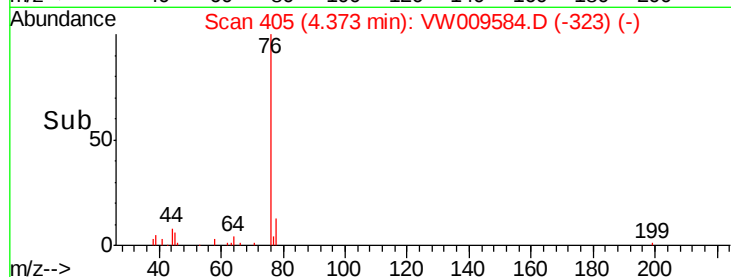
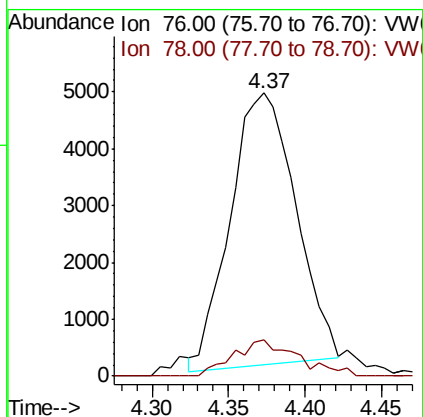
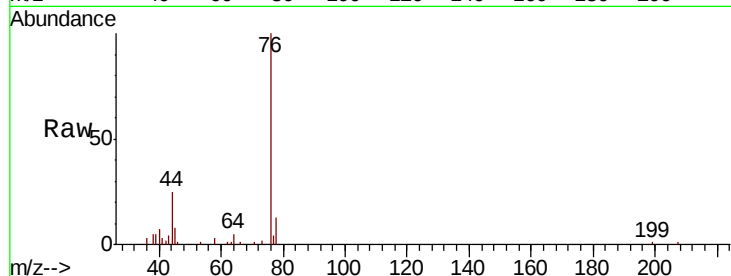
BF0Z8

Tgt Ion: 76 Resp: 14302

Ion Ratio Lower Upper

76 100

78 13.0 7.3 10.9#



#16

Methylene chloride

Concen: 2.557 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW009584.D

Acq: 30 Mar 2019 12:25

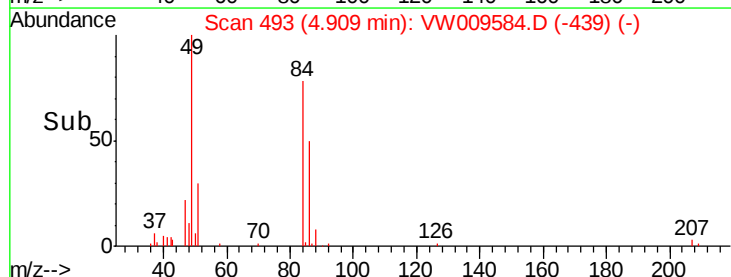
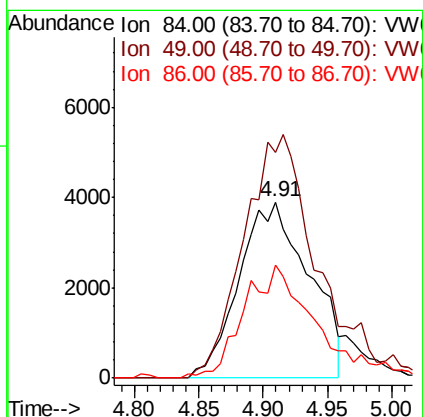
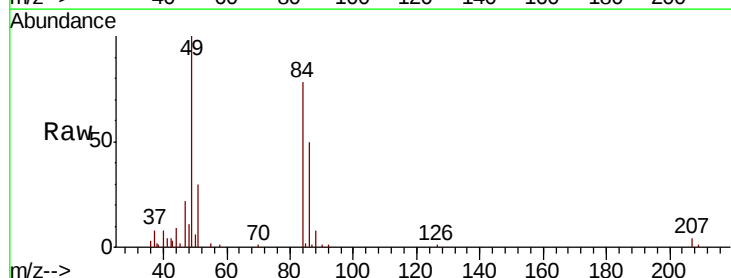
Tgt Ion: 84 Resp: 14734

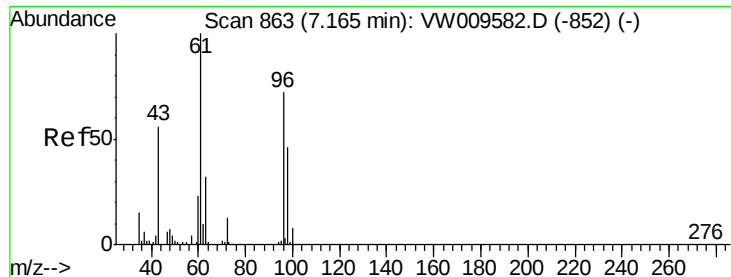
Ion Ratio Lower Upper

84 100

49 127.9 96.0 178.2

86 64.3 44.4 82.5





#21

2-Butanone

Concen: 4.354 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW009584.D

Acq: 30 Mar 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

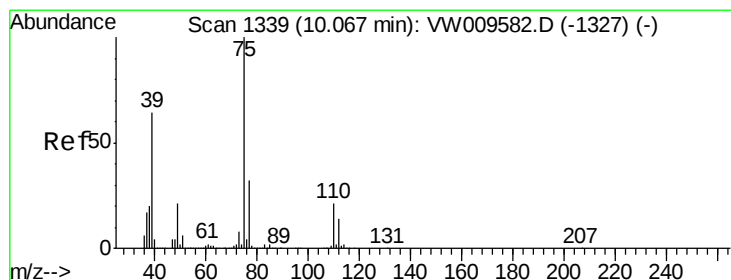
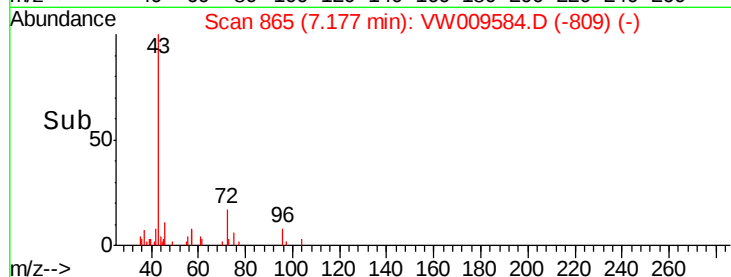
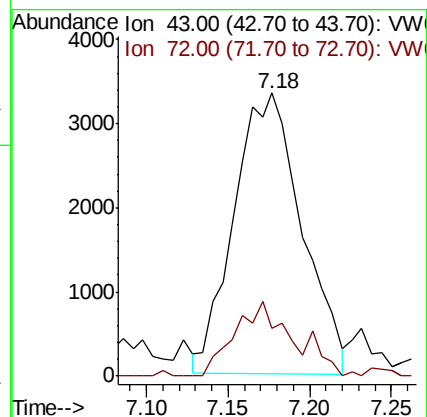
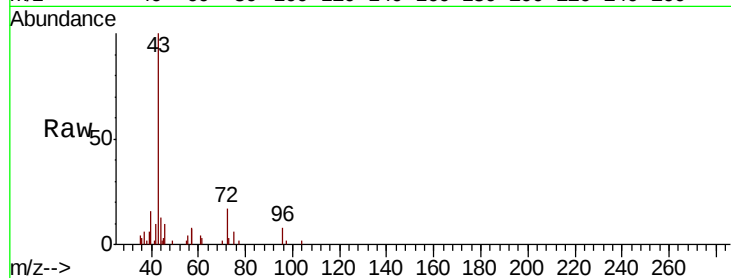
BF0Z8

Tgt Ion: 43 Resp: 9627

Ion Ratio Lower Upper

43 100

72 19.4 13.1 39.1



#42

cis-1,3-Dichloropropene

Concen: 0.591 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009584.D

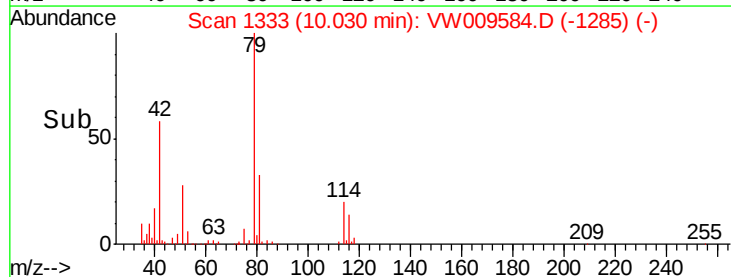
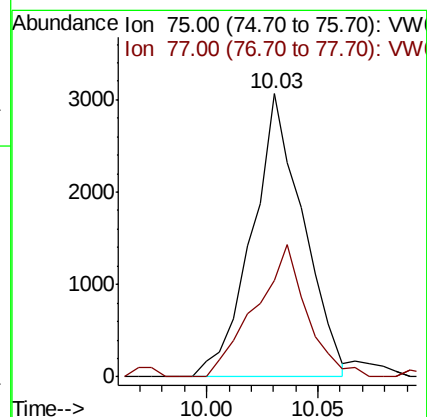
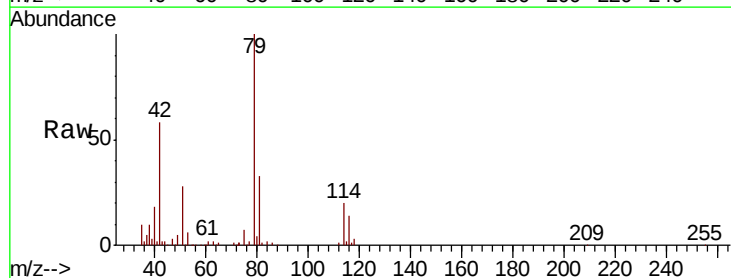
Acq: 30 Mar 2019 12:25

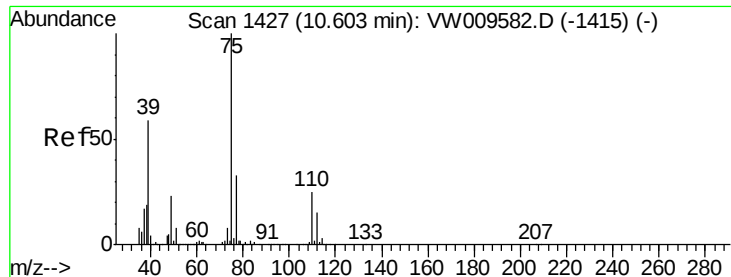
Tgt Ion: 75 Resp: 4905

Ion Ratio Lower Upper

75 100

77 34.0 21.6 40.2





#45

trans-1,3-Dichloropropene

Concen: 0.422 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009584.D

Acq: 30 Mar 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

BF0Z8

Tgt Ion: 75 Resp: 3046

Ion Ratio Lower Upper

75 100

77 53.8 22.5 41.7#

