

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009520.D
 Acq On : 28 Mar 2019 01:00
 Operator : SY/VA
 Sample : K2068-16
 Misc : 5.21G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5L0

Quant Time: Mar 28 07:47:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 07:41:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	307599	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	259257	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	75642	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	66786	18.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.68%
7) Chloroethane-d5	2.89	69	78923	18.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.40%
10) 1,1-Dichloroethene-d2	4.01	63	137713	17.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.32%
20) 2-Butanone-d5	7.07	46	57142	37.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.18%
24) Chloroform-d	7.65	84	193308	23.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.12%
26) 1,2-Dichloroethane-d4	8.30	65	116164	22.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.88%
29) Benzene-d6	8.27	84	319522	22.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.40%
33) 1,2-Dichloropropane-d6	9.27	67	110222	25.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.68%
37) Toluene-d8	10.32	98	254678	19.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.04%
38) trans-1,3-Dichloropropene-	10.58	79	33603	15.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.32%
39) 2-Hexanone-d5	10.92	63	37690	36.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94791	22.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	66667	22.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.92%

Target Compounds

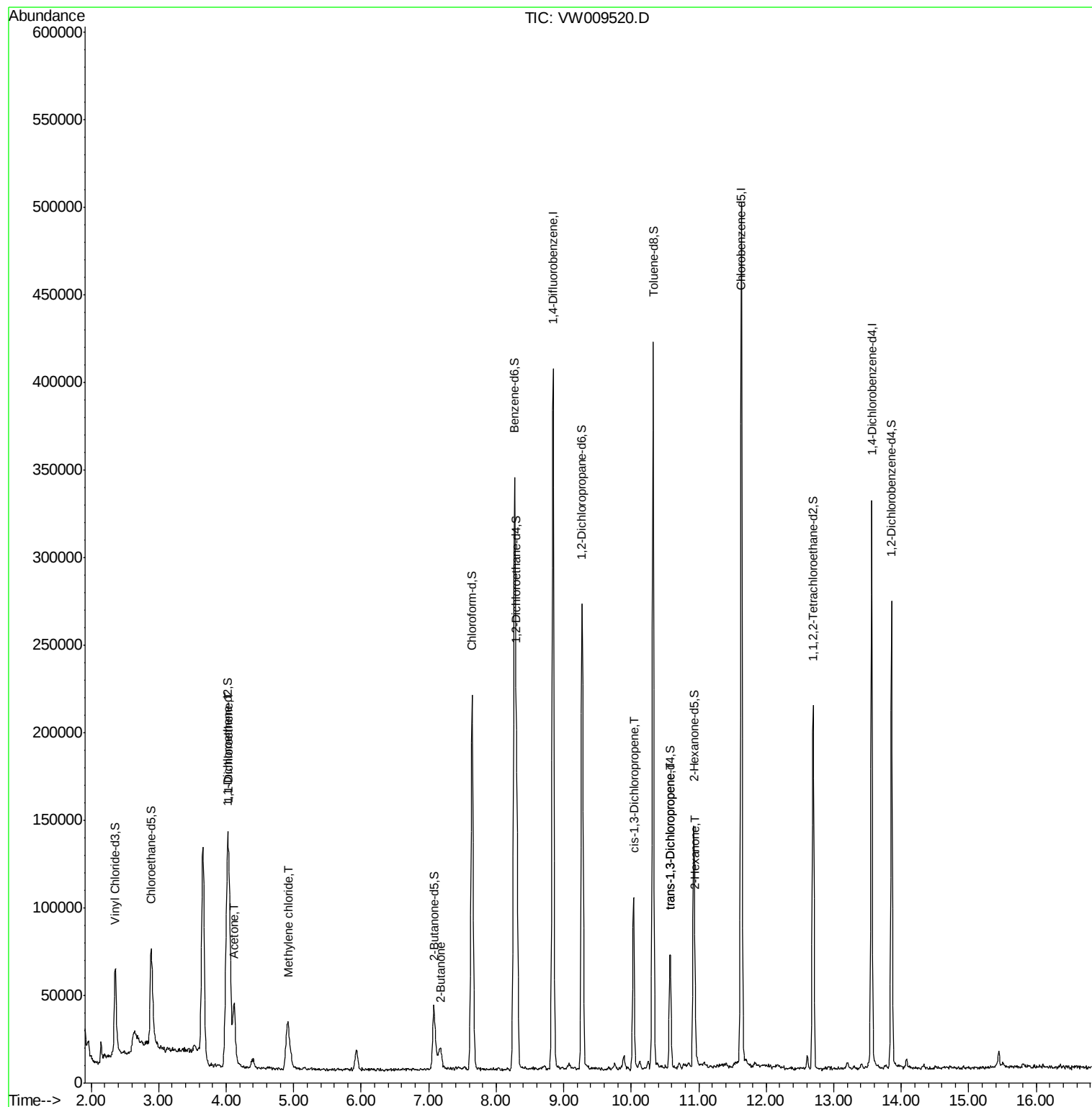
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	49618	13.099	ug/L	96
13) Acetone	4.12	43	55275	44.340	ug/L	98
16) Methylene chloride	4.91	84	24786	5.526	ug/L	85
21) 2-Butanone	7.18	43	20325	11.808	ug/L	89
42) cis-1,3-Dichloropropene	10.04	75	2906	0.490	ug/L	96
45) trans-1,3-Dichloropropene	10.58	75	1897	0.368	ug/L #	56
49) 2-Hexanone	10.95	43	4514	1.942	ug/L #	44

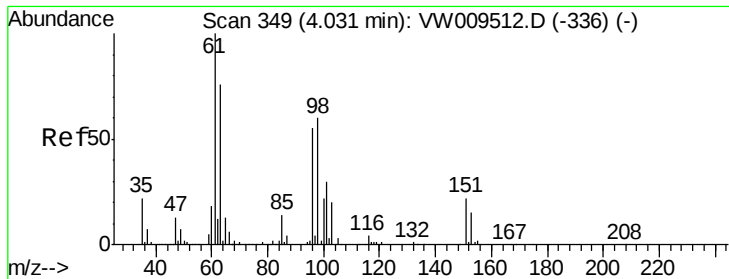
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 07:41:43 2019
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#12

1,1-Dichloroethene

Concen: 13.099 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

Lab File: VW009520.D

Acq: 28 Mar 2019 01:00

Instrument :

MSVOA_W

ClientSampleId :

BF5L0

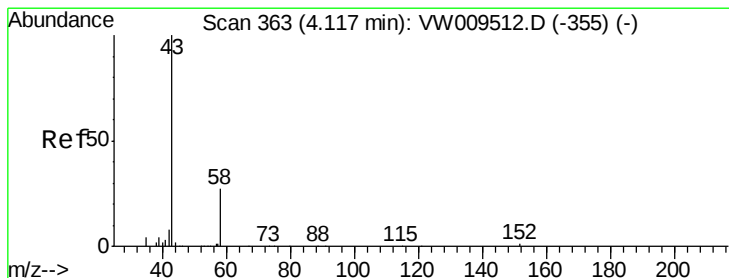
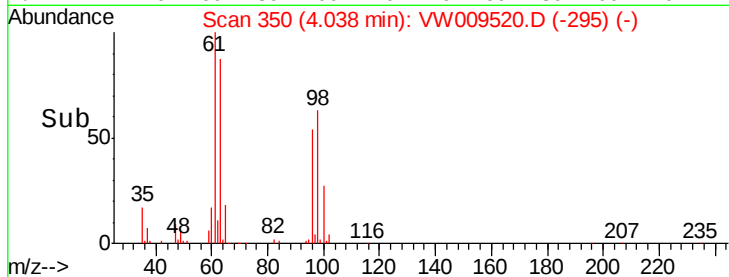
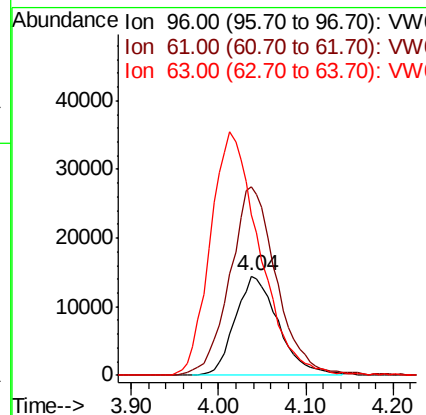
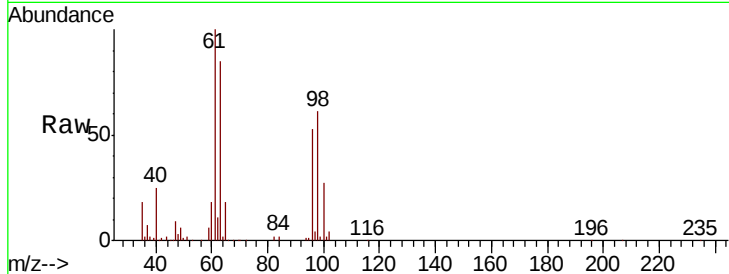
Tot Ion: 96 Resp: 49618

Ion Ratio Lower Upper

96 100

61 189.8 129.4 240.2

63 161.8 116.8 217.0



#13

Acetone

Concen: 44.340 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009520.D

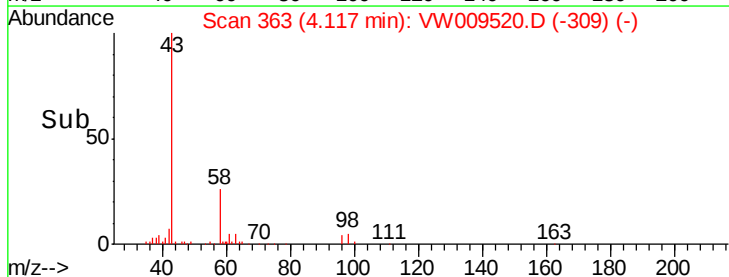
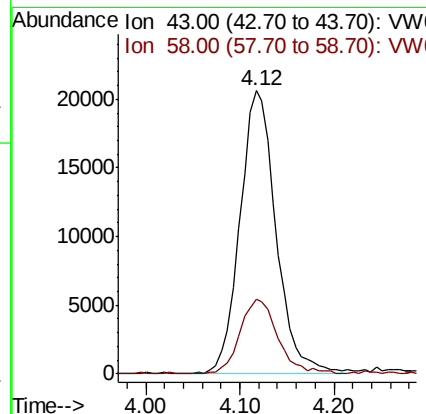
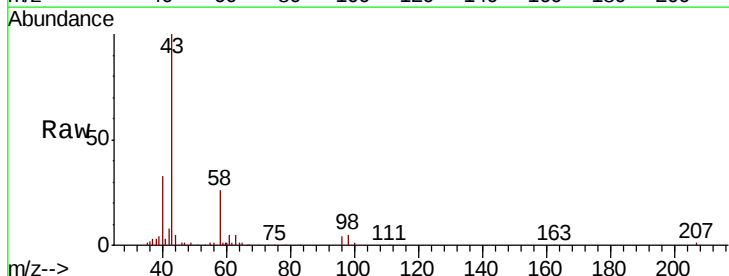
Acq: 28 Mar 2019 01:00

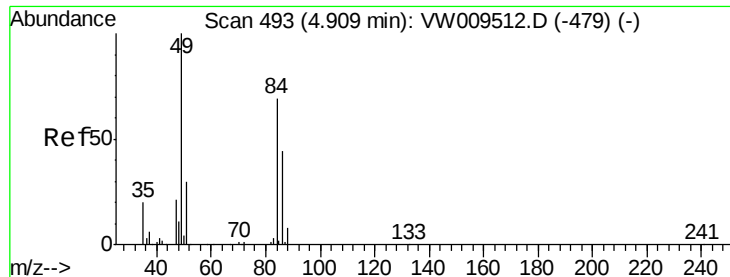
Tgt Ion: 43 Resp: 55275

Ion Ratio Lower Upper

43 100

58 27.3 0.0 56.2

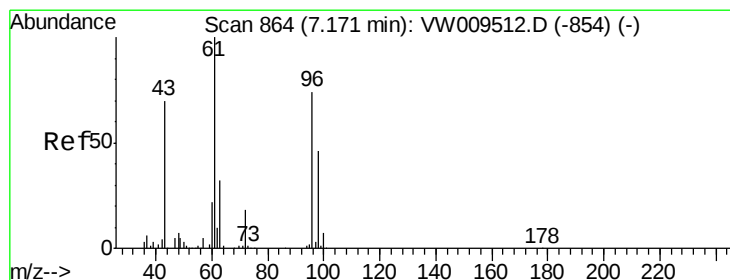
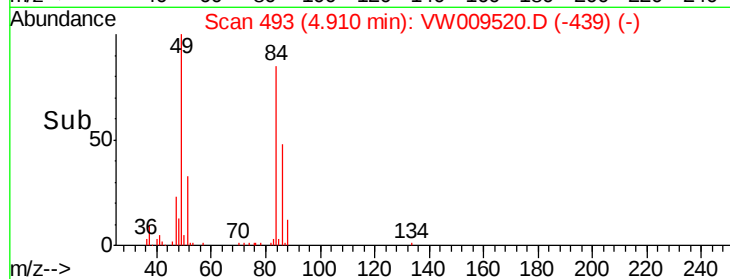
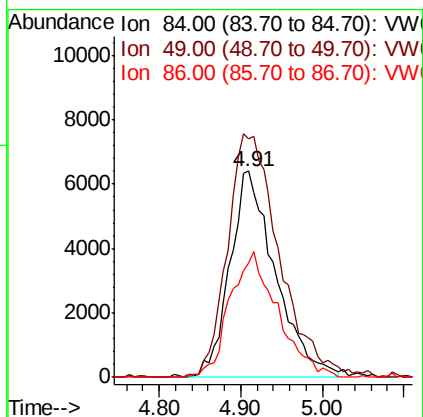
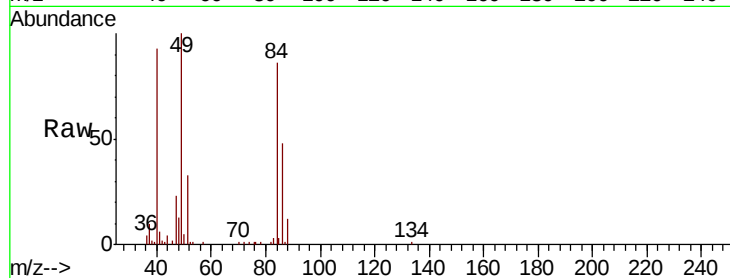




#16
Methvlene chloride
Concen: 5.526 ug/L
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW009520.D
Acq: 28 Mar 2019 01:00

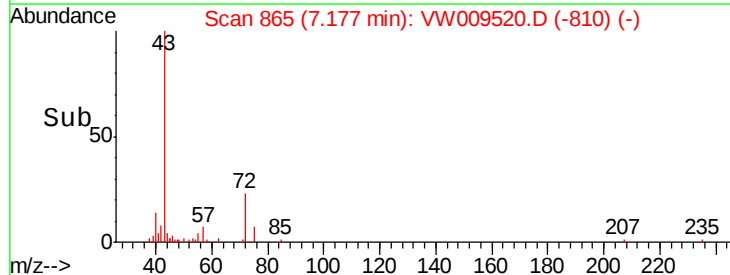
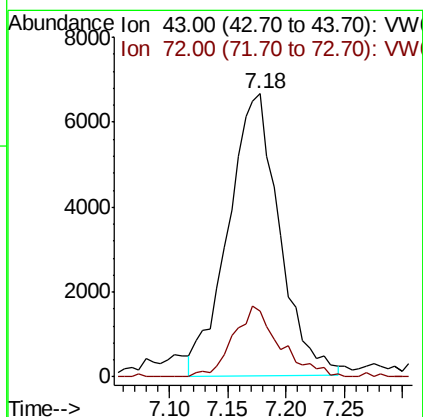
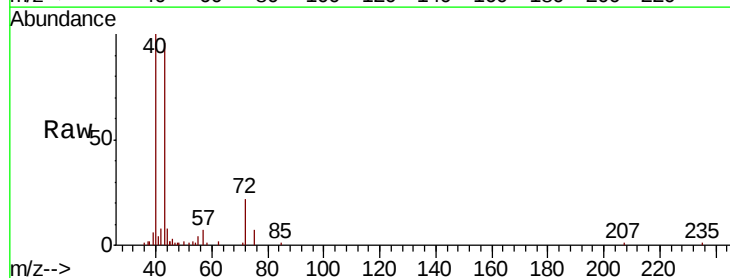
Instrument :
MSVOA_W
ClientSampled :
BF5L0

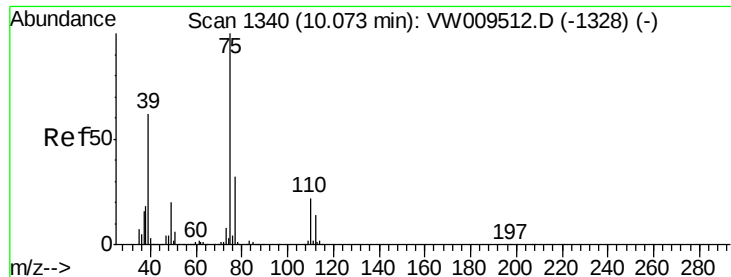
Tot Ion: 84 Resp: 24786
Ion Ratio Lower Upper
84 100
49 115.8 96.0 178.2
86 55.4 44.4 82.5



#21
2-Butanone
Concen: 11.808 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW009520.D
Acq: 28 Mar 2019 01:00

Tgt Ion: 43 Resp: 20325
Ion Ratio Lower Upper
43 100
72 20.6 13.1 39.1





#42

cis-1,3-Dichloropropene

Concen: 0.490 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009520.D

Acq: 28 Mar 2019 01:00

Instrument :

MSVOA_W

ClientSampled :

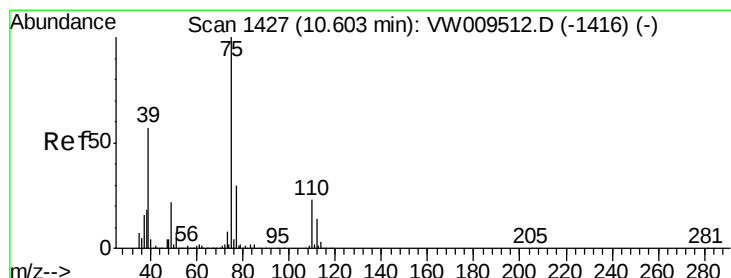
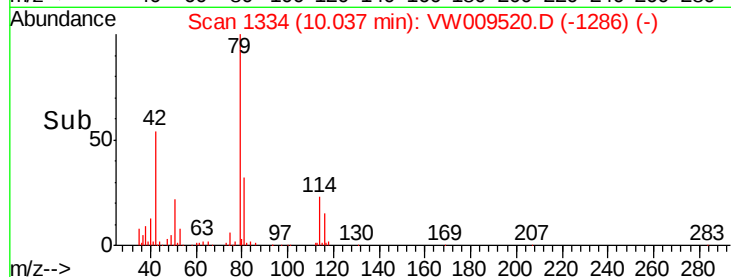
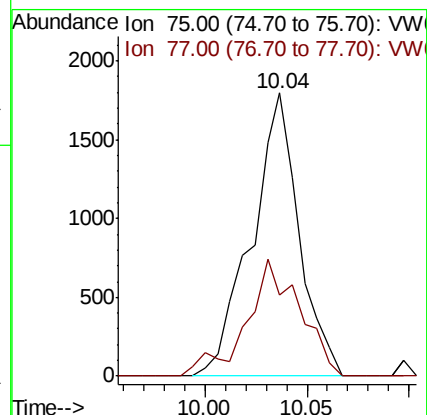
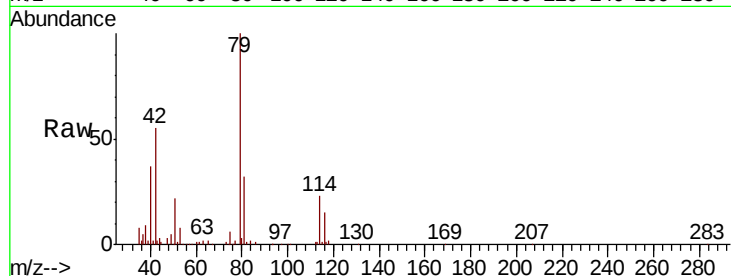
BF5L0

Tot Ion: 75 Resp: 2906

Ion Ratio Lower Upper

75 100

77 28.5 21.6 40.2



#45

trans-1,3-Dichloropropene

Concen: 0.368 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009520.D

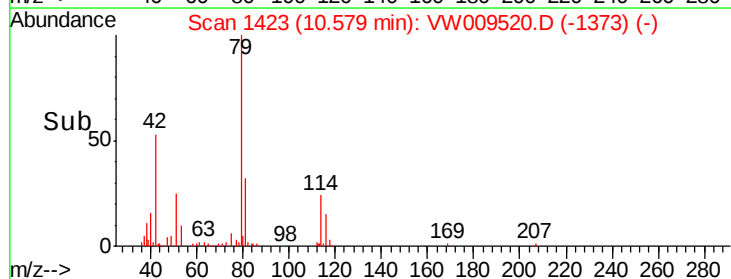
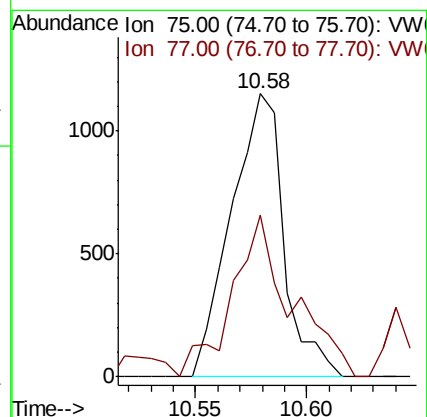
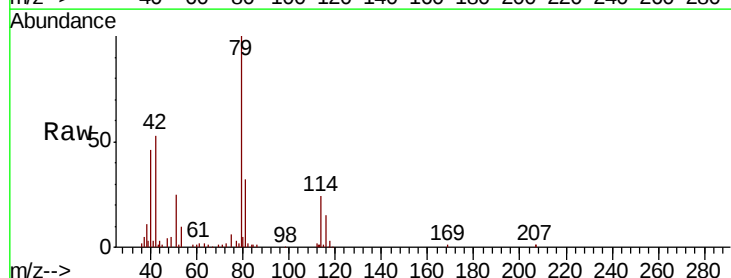
Acq: 28 Mar 2019 01:00

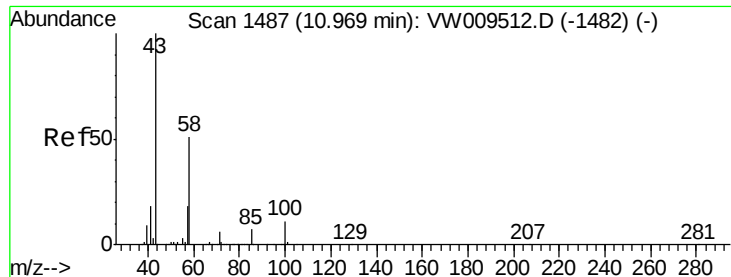
Tgt Ion: 75 Resp: 1897

Ion Ratio Lower Upper

75 100

77 56.9 22.5 41.7#





#49

2-Hexanone

Concen: 1.942 ug/L

RT: 10.95 min Scan# 1483

Delta R.T. -0.02 min

Lab File: VW009520.D

Acq: 28 Mar 2019 01:00

Instrument :

MSVOA_W

ClientSampleId :

BF5L0

Tot Ion: 43 Resp: 4514

Ion Ratio Lower Upper

43 100

58 0.0 39.2 58.8#

57 0.0 14.2 21.2#

100 6.9 8.9 13.3#

