

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009525.D
 Acq On : 28 Mar 2019 03:16
 Operator : SY/VA
 Sample : K2068-21
 Misc : 3.63G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5J9

Quant Time: Mar 28 07:47:46 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	327066	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	257590	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	66933	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	72746	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.44%
7) Chloroethane-d5	2.89	69	88441	19.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.36%
10) 1,1-Dichloroethene-d2	4.01	63	120347	14.25	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.00%
20) 2-Butanone-d5	7.08	46	71720	44.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.74%
24) Chloroform-d	7.64	84	210807	23.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.48%
26) 1,2-Dichloroethane-d4	8.30	65	128690	23.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.72%
29) Benzene-d6	8.27	84	345840	24.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.36%
33) 1,2-Dichloropropane-d6	9.27	67	119594	28.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.12%
37) Toluene-d8	10.32	98	265803	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.96%
38) trans-1,3-Dichloropropene-	10.57	79	30144	14.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	56.28%
39) 2-Hexanone-d5	10.93	63	39997	38.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89638	21.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	54931	21.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.60%

Target Compounds

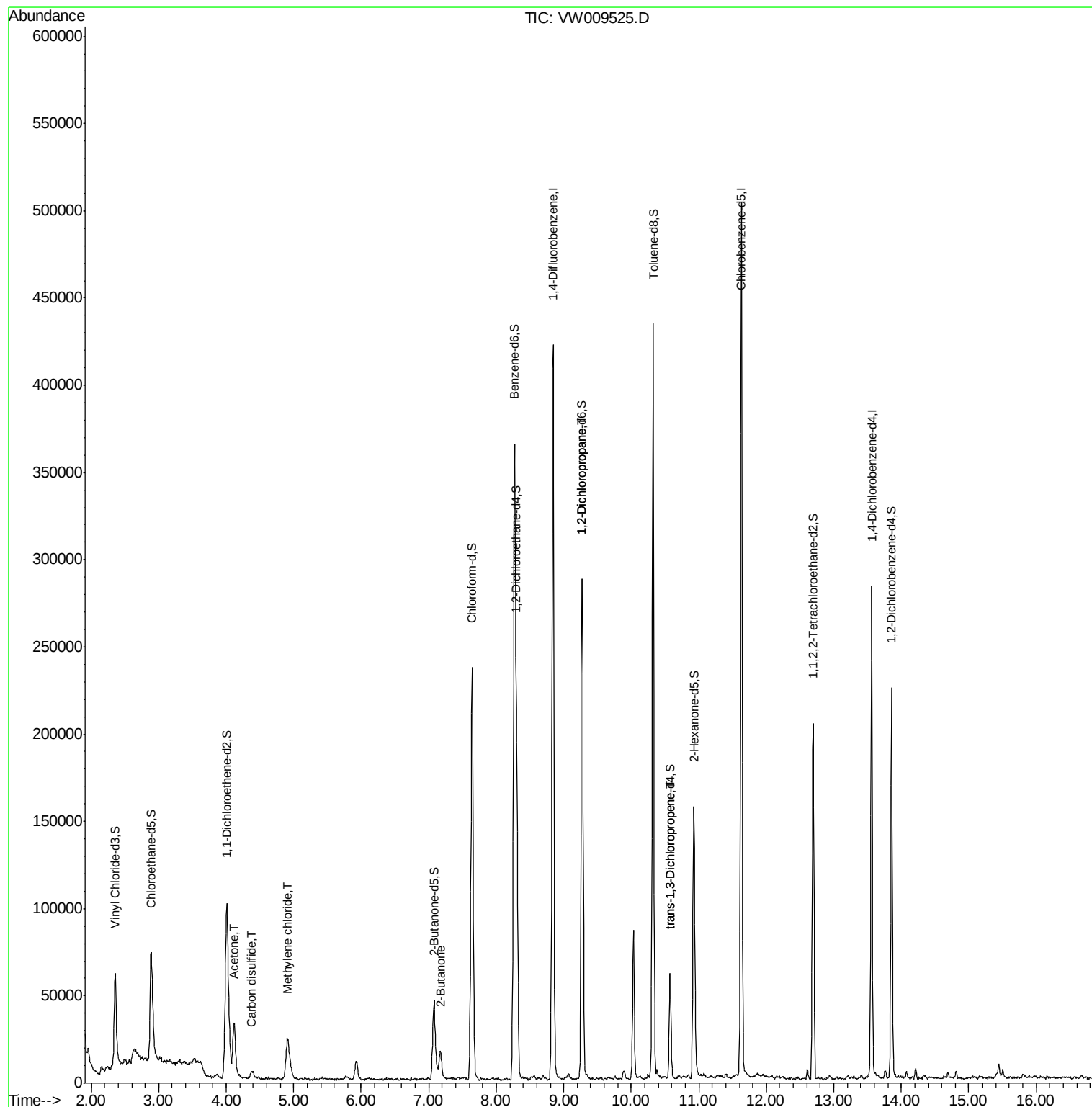
					Ovalue
13) Acetone	4.12	43	56475	42.606	ug/L 98
14) Carbon disulfide	4.37	76	3858	0.356	ug/L # 95
16) Methylene chloride	4.90	84	8874	1.861	ug/L 95
21) 2-Butanone	7.17	43	24691	13.491	ug/L 97
40) 1,2-Dichloropropane	9.27	63	15116	4.178	ug/L # 86
45) trans-1,3-Dichloropropene	10.57	75	1682	0.328	ug/L 91

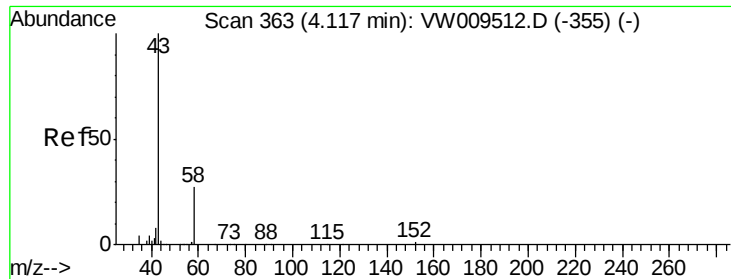
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 42.606 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009525.D

Acq: 28 Mar 2019 03:16

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ClientSampleId :

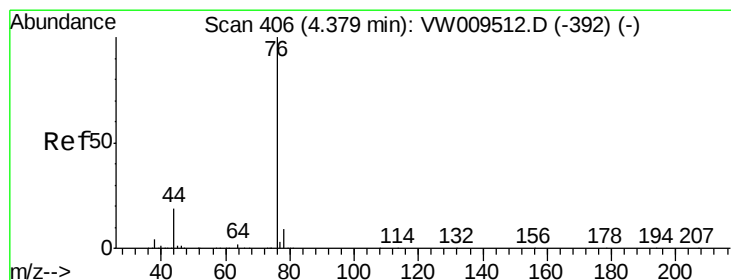
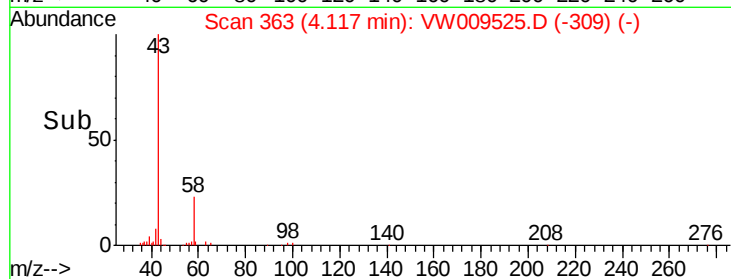
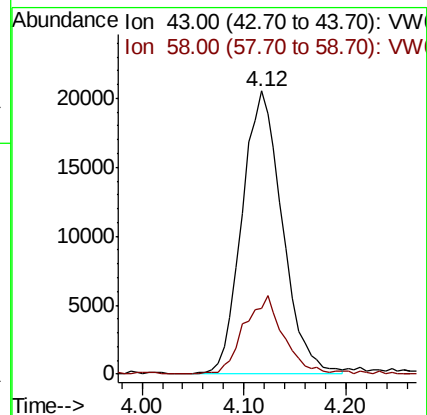
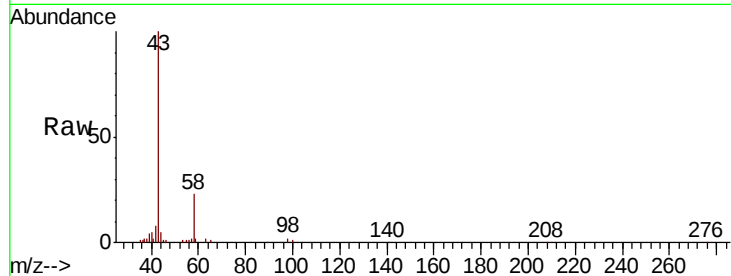
BF5J9

Tot Ion: 43 Resp: 56475

Ion Ratio Lower Upper

43 100

58 26.8 0.0 56.2



#14

Carbon disulfide

Concen: 0.356 ug/L

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW009525.D

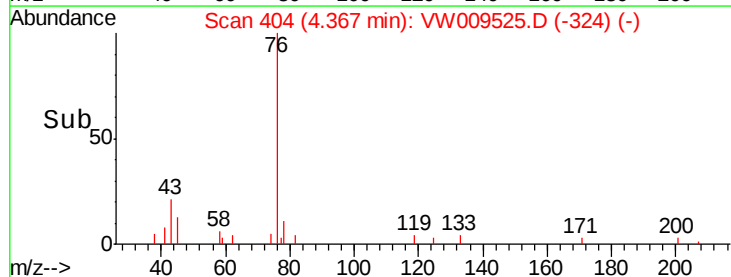
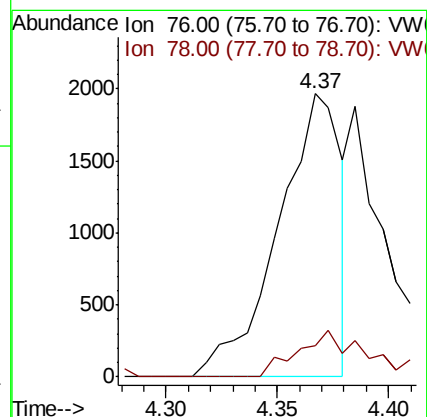
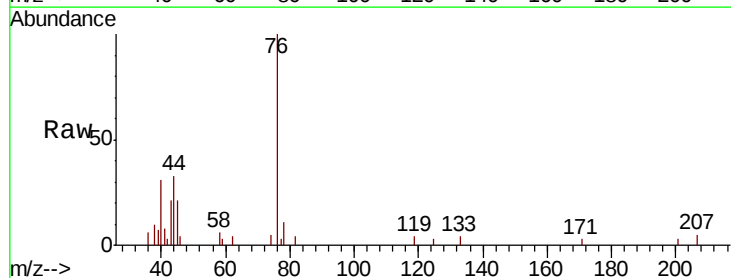
Acq: 28 Mar 2019 03:16

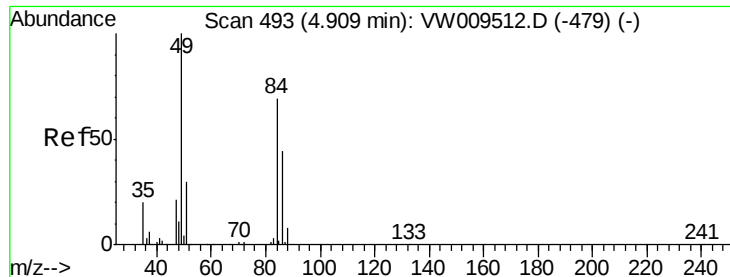
Tgt Ion: 76 Resp: 3858

Ion Ratio Lower Upper

76 100

78 11.0 7.3 10.9#

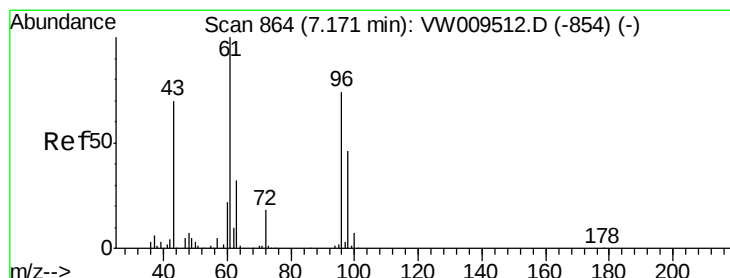
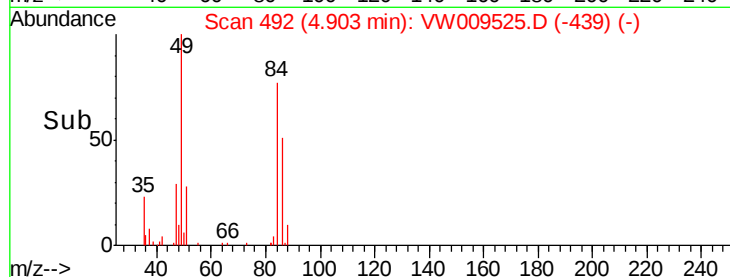
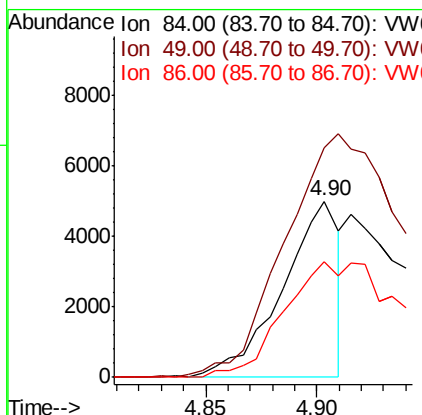
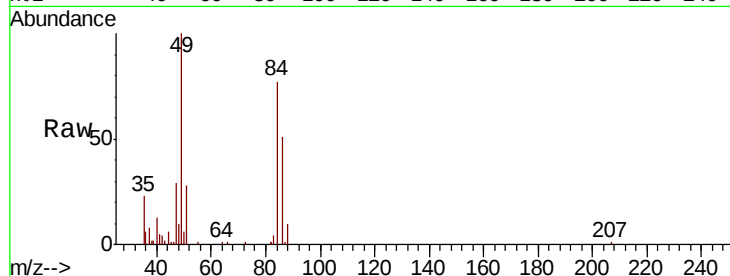




#16
Methvlene chloride
Concen: 1.861 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009525.D
Acq: 28 Mar 2019 03:16

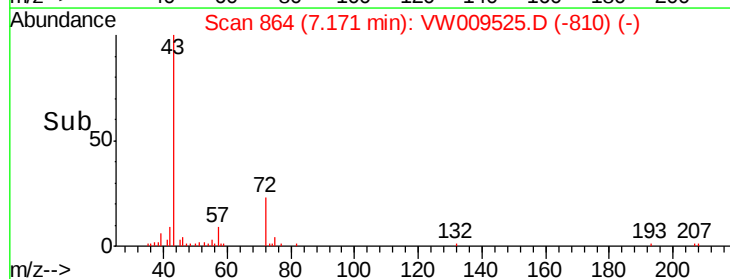
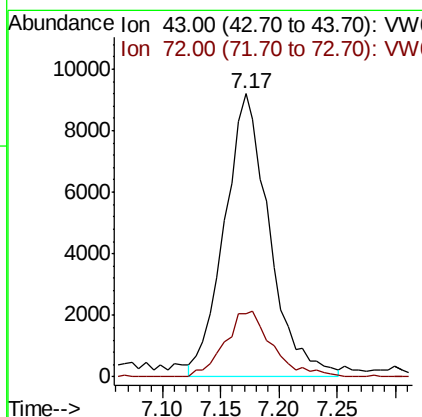
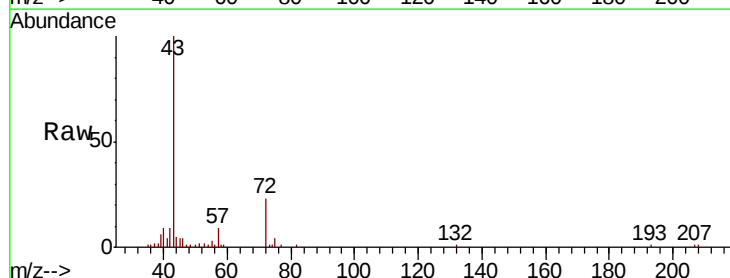
Instrument :
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BF5J9

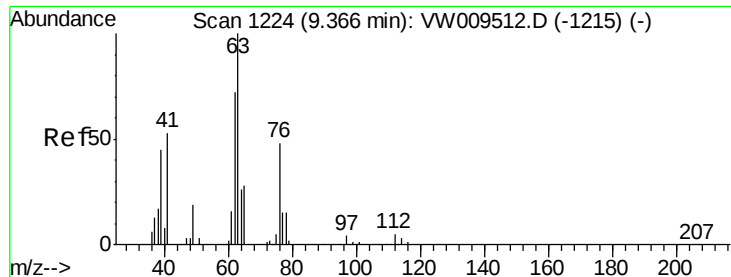
Tot Ion: 84 Resp: 8874
Ion Ratio Lower Upper
84 100
49 129.8 96.0 178.2
86 65.8 44.4 82.5



#21
2-Butanone
Concen: 13.491 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009525.D
Acq: 28 Mar 2019 03:16

Tgt Ion: 43 Resp: 24691
Ion Ratio Lower Upper
43 100
72 24.6 13.1 39.1





#40

1,2-Dichloropropane

Concen: 4.178 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW009525.D

Acq: 28 Mar 2019 03:16

Instrument :

MSVOA_W

ClientSampleId :

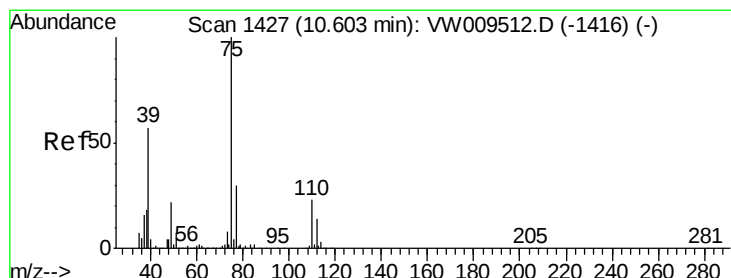
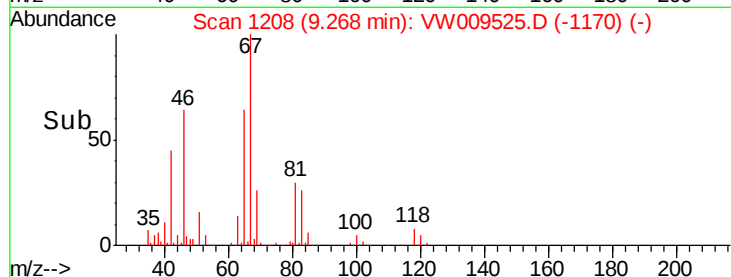
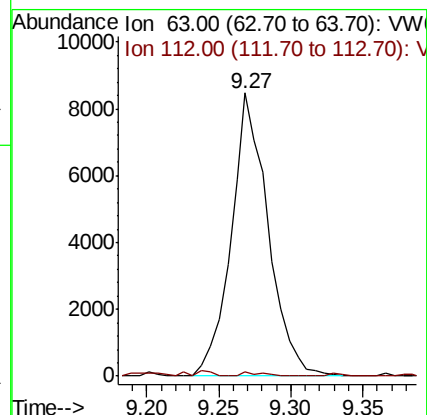
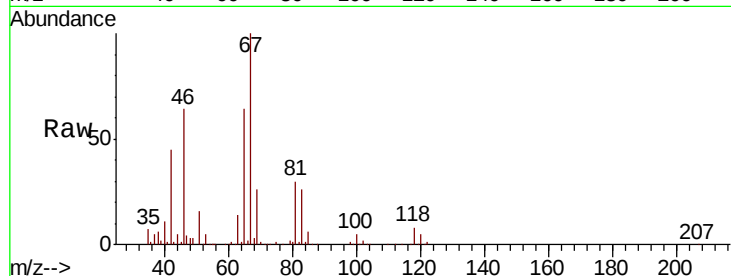
BF5J9

Tot Ion: 63 Resp: 15116

Ion Ratio Lower Upper

63 100

112 0.5 4.0 6.0#



#45

trans-1,3-Dichloropropene

Concen: 0.328 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009525.D

Acq: 28 Mar 2019 03:16

Tgt Ion: 75 Resp: 1682

Ion Ratio Lower Upper

75 100

77 37.2 22.5 41.7

