

Data File : VW009369.D
Acq On : 23 Mar 2019 03:00
Operator : SY/VA
Sample : K2031-11
Misc : 5.78G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5R9

Quant Time: Mar 23 06:19:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 01:25:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	314970	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	295932	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114499	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	84580	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.88%
7) Chloroethane-d5	2.90	69	94166	21.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.52%
10) 1,1-Dichloroethene-d2	4.01	63	133371	16.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.56%
20) 2-Butanone-d5	7.07	46	84428	54.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.48%
24) Chloroform-d	7.65	84	218185	25.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.52%
26) 1,2-Dichloroethane-d4	8.30	65	136278	26.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.28%
29) Benzene-d6	8.27	84	395614	24.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.96%
33) 1,2-Dichloropropane-d6	9.27	67	128894	26.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.16%
37) Toluene-d8	10.32	98	337723	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.52%
38) trans-1,3-Dichloropropene-	10.58	79	43117	17.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.04%
39) 2-Hexanone-d5	10.93	63	60704	51.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120365	24.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	116275	26.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.92%

Target Compounds

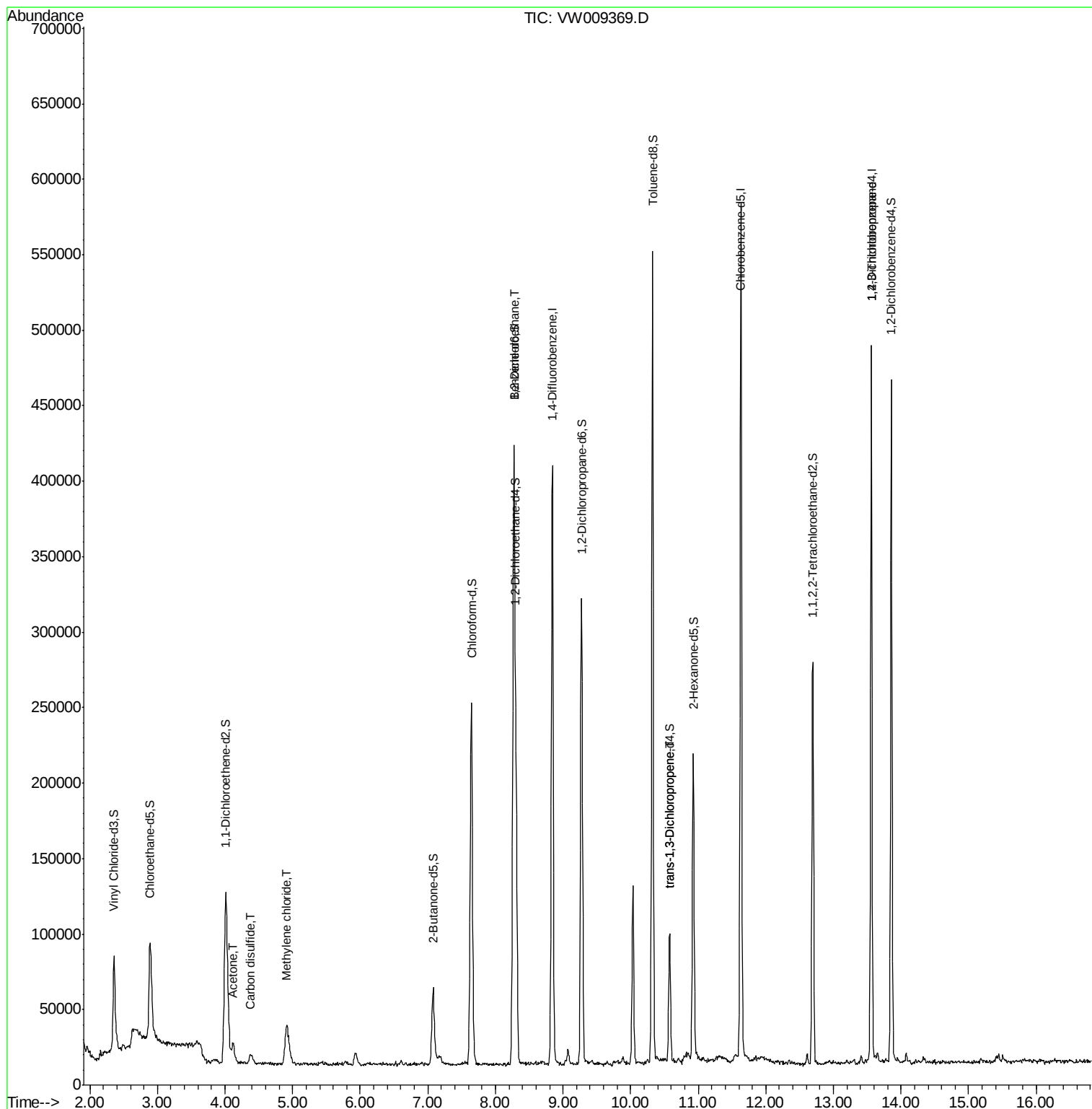
					Qvalue
13) Acetone	4.12	43	11534	9.036 ug/L	56
14) Carbon disulfide	4.37	76	5439	0.521 ug/L	97
16) Methylene chloride	4.92	84	23759	5.173 ug/L	90
27) 1,2-Dichloroethane	8.27	62	2801	0.482 ug/L	99
45) trans-1,3-Dichloropropene	10.57	75	2332	0.396 ug/L #	78
59) 1,2,3-Trichloropropane	13.55	75	15744	4.742 ug/L	93

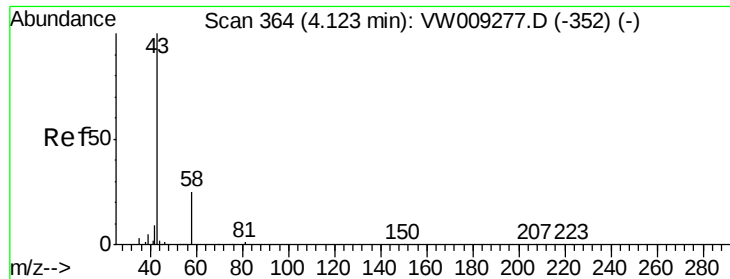
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.036 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

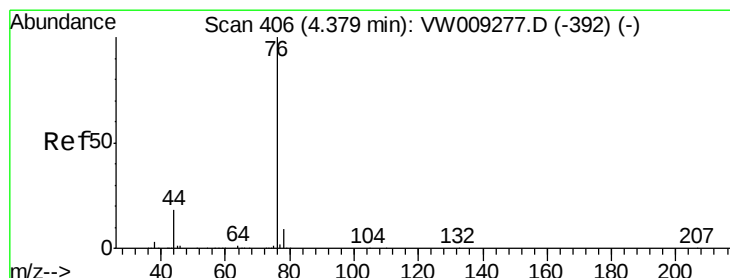
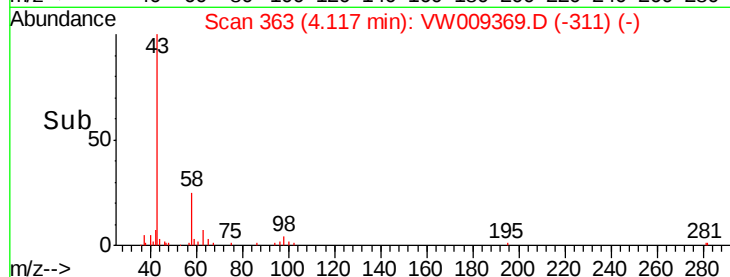
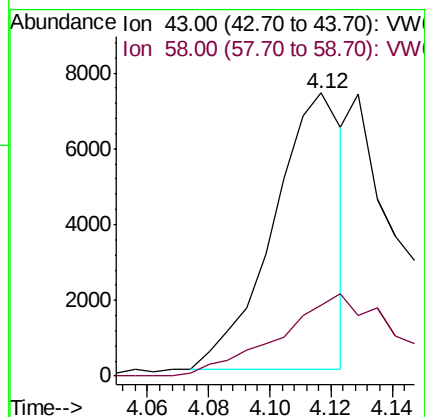
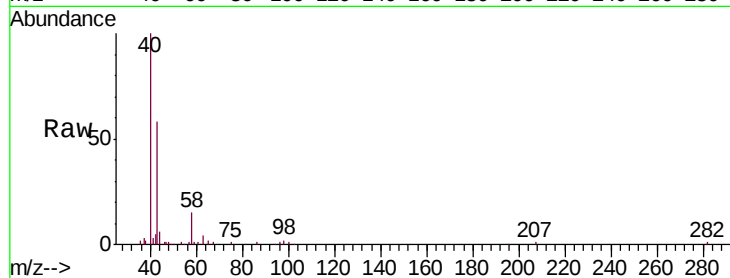
BF5R9

Tgt Ion: 43 Resp: 11534

Ion Ratio Lower Upper

43 100

58 51.1 0.0 56.2



#14

Carbon disulfide

Concen: 0.521 ug/L

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

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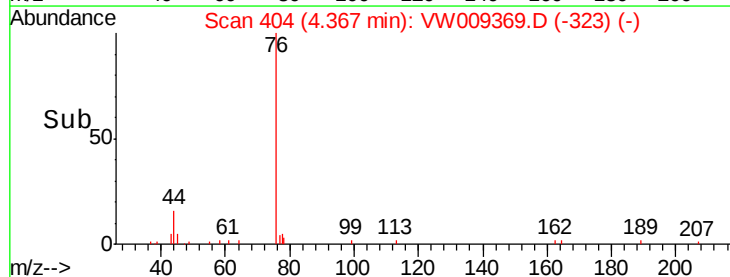
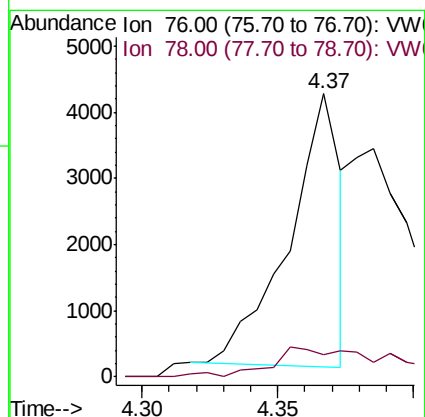
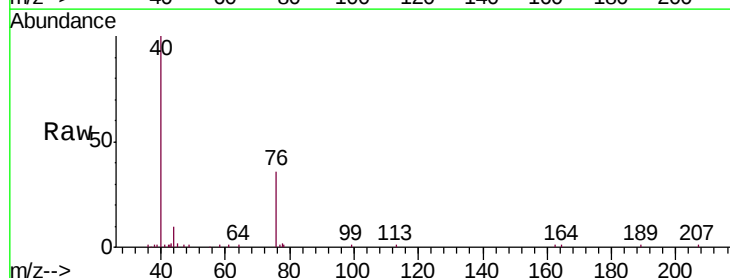
Acq: 23 Mar 2019 03:00

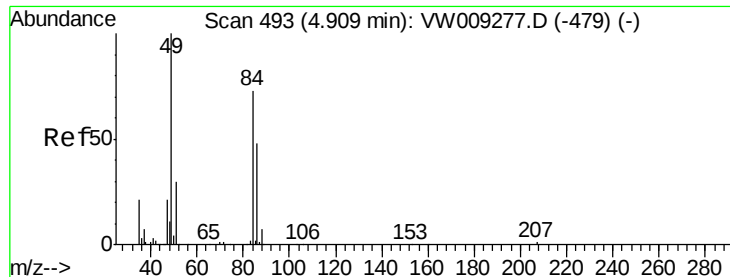
Tgt Ion: 76 Resp: 5439

Ion Ratio Lower Upper

76 100

78 8.1 7.3 10.9

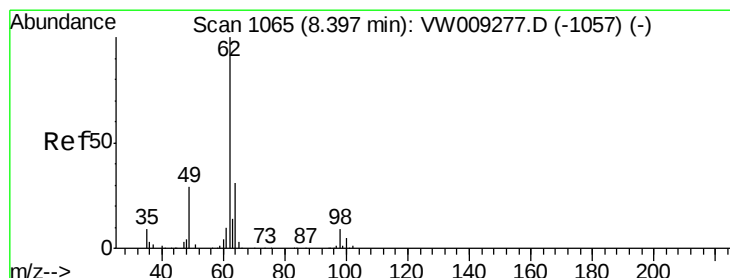
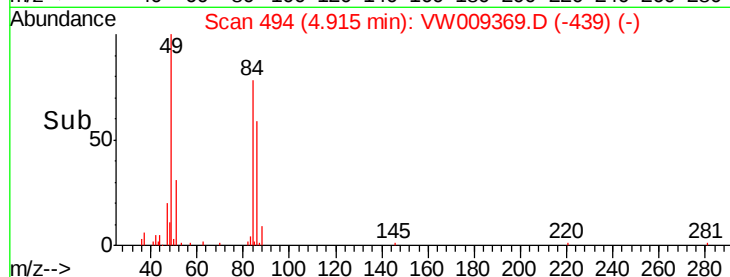
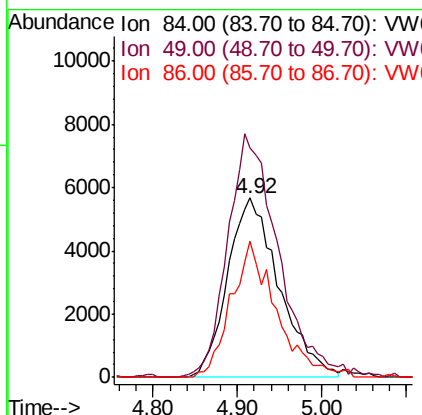
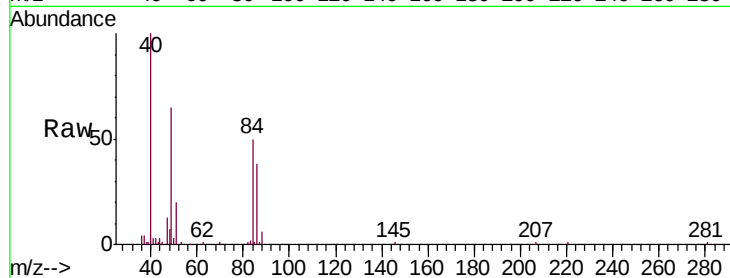




#16
Methylene chloride
Concen: 5.173 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW009369.D
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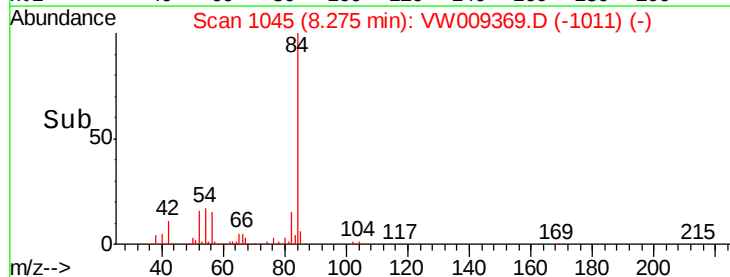
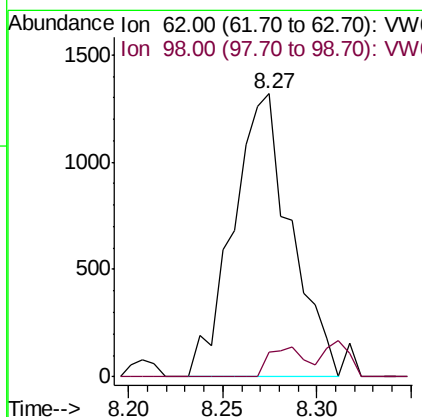
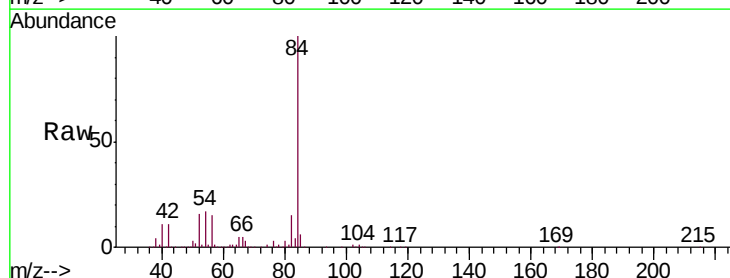
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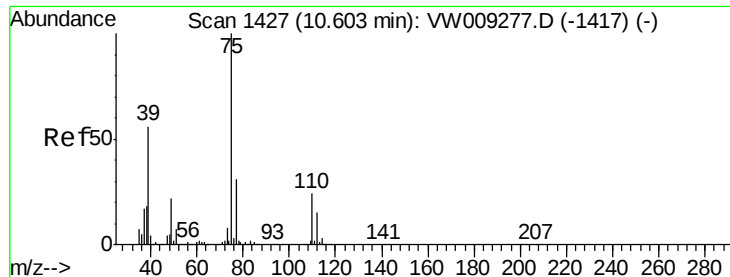
Tgt Ion: 84 Resp: 23759
Ion Ratio Lower Upper
84 100
49 128.5 96.0 178.2
86 75.7 44.4 82.5



#27
1,2-Dichloroethane
Concen: 0.482 ug/L
RT: 8.27 min Scan# 1045
Delta R.T. -0.12 min
Lab File: VW009369.D
Acq: 23 Mar 2019 03:00

Tgt Ion: 62 Resp: 2801
Ion Ratio Lower Upper
62 100
98 8.6 7.3 10.9





#45

trans-1,3-Dichloropropene

Concen: 0.396 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009369.D

Acq: 23 Mar 2019 03:00

Instrument :

MSVOA_W

ClientSampled :

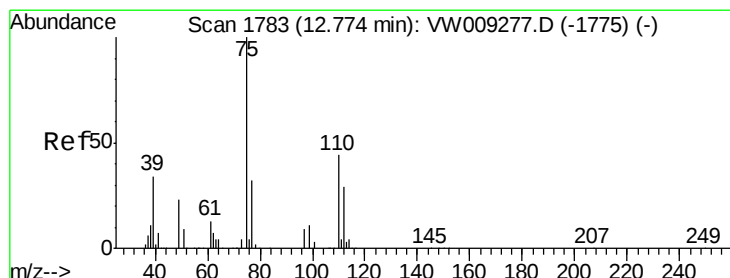
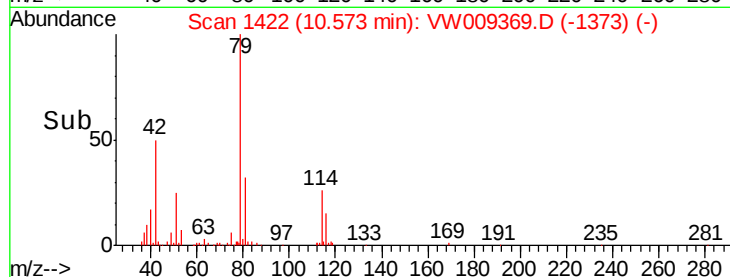
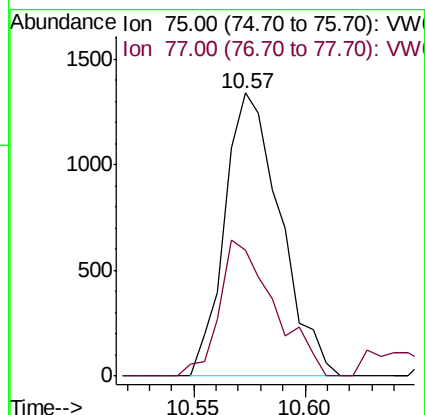
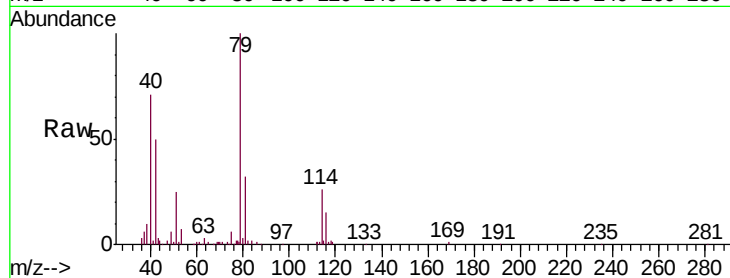
BF5R9

Tgt Ion: 75 Resp: 2332

Ion Ratio Lower Upper

75 100

77 44.4 22.5 41.7#



#59

1,2,3-Trichloropropane

Concen: 4.742 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.78 min

Lab File: VW009369.D

Acq: 23 Mar 2019 03:00

Tgt Ion: 75 Resp: 15744

Ion Ratio Lower Upper

75 100

77 36.7 26.2 39.2

