

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009429.D
 Acq On : 25 Mar 2019 15:41
 Operator : SY/VA
 Sample : K2031-18
 Misc : 4.07G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 07:51:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:46:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	371958	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	303387	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	100442	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	90278	20.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.24%
7) Chloroethane-d5	2.89	69	103746	19.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.80%
10) 1,1-Dichloroethene-d2	4.01	63	144135	15.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.00%
20) 2-Butanone-d5	7.07	46	85867	46.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.42%
24) Chloroform-d	7.65	84	228999	22.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.24%
26) 1,2-Dichloroethane-d4	8.31	65	137504	22.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.96%
29) Benzene-d6	8.27	84	397830	23.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.12%
33) 1,2-Dichloropropane-d6	9.27	67	127635	25.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.60%
37) Toluene-d8	10.32	98	322019	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.24%
38) trans-1,3-Dichloropropene-	10.58	79	47298	18.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.96%
39) 2-Hexanone-d5	10.93	63	53860	44.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101515	20.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	79382	20.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.44%

Target Compounds

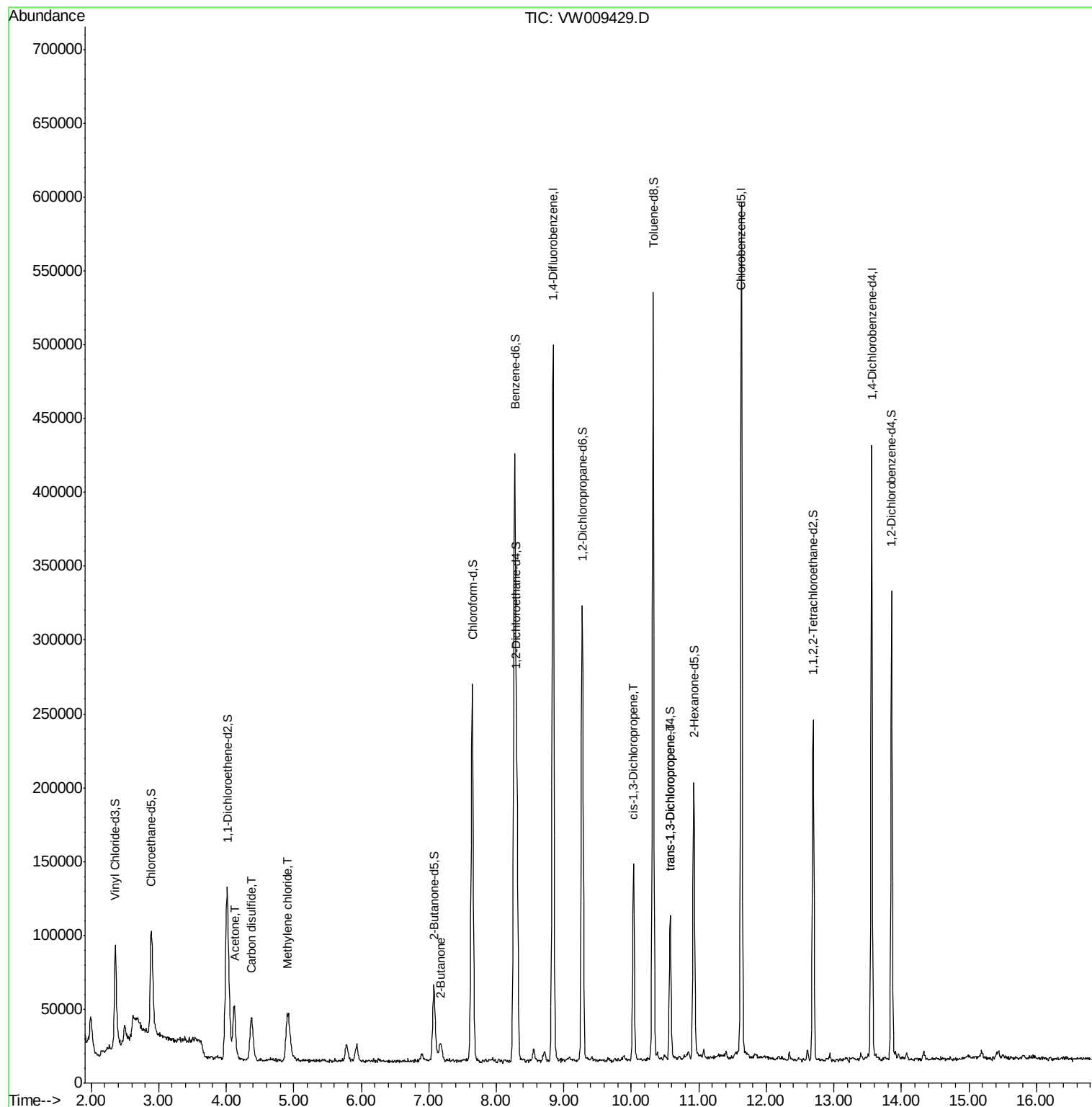
					Ovalue
13) Acetone	4.12	43	61236	40.622	ug/L 99
14) Carbon disulfide	4.37	76	66573	5.401	ug/L 97
16) Methylene chloride	4.91	84	28535	5.261	ug/L 94
21) 2-Butanone	7.18	43	19019	9.137	ug/L 94
42) cis-1,3-Dichloropropene	10.03	75	3948	0.569	ug/L 84
45) trans-1,3-Dichloropropene	10.58	75	2634	0.436	ug/L # 79

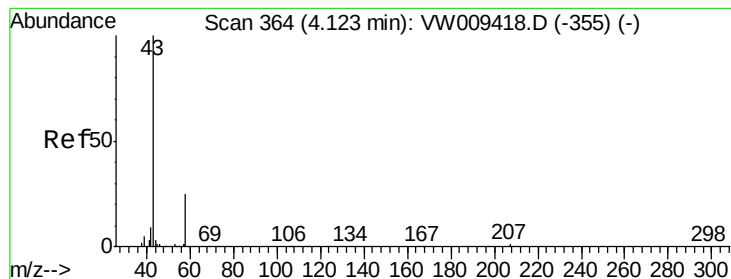
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 26 07:46:05 2019
Response via : Initial Calibration





#13

Acetone

Concen: 40.622 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009429.D

Acq: 25 Mar 2019 15:41

Instrument :

MSVOA_W

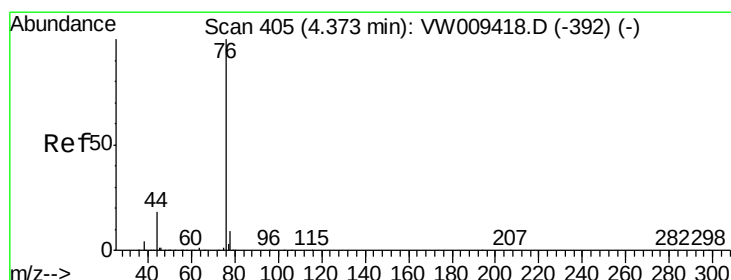
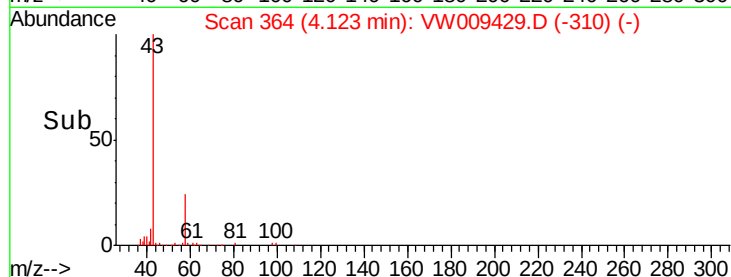
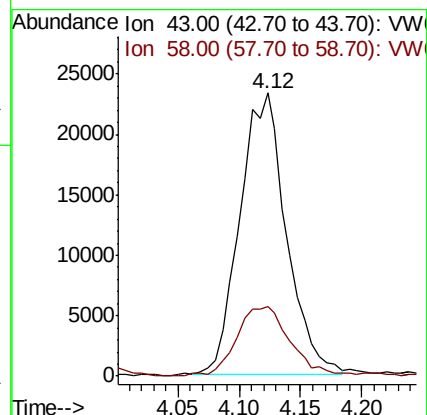
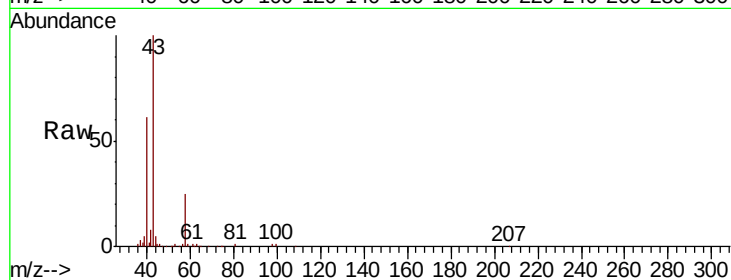
ClientSampled :

Tot Ion: 43 Resp: 61236

Ion Ratio Lower Upper

43 100

58 27.8 0.0 56.2



#14

Carbon disulfide

Concen: 5.401 ug/L

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW009429.D

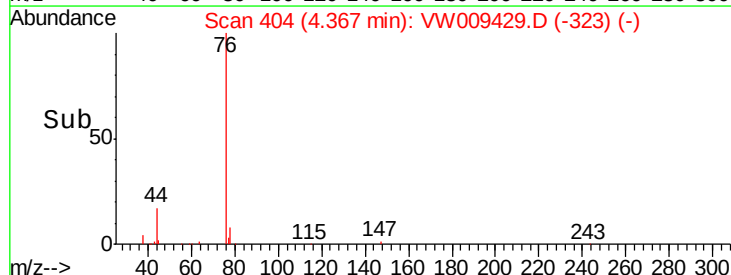
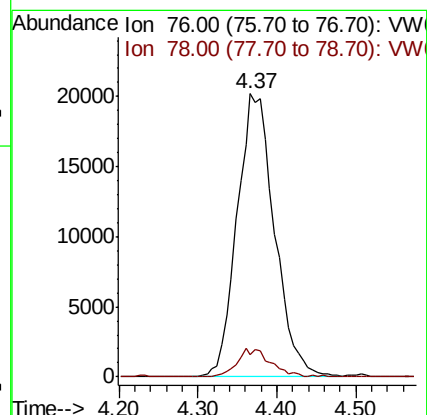
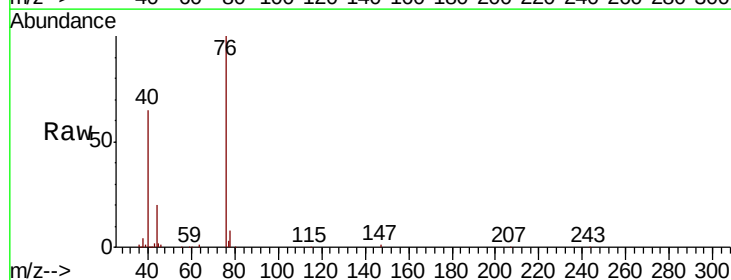
Acq: 25 Mar 2019 15:41

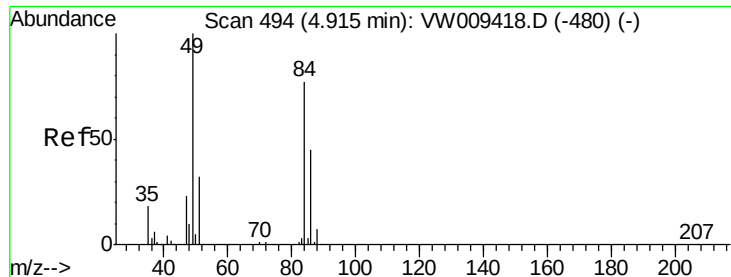
Tgt Ion: 76 Resp: 66573

Ion Ratio Lower Upper

76 100

78 7.9 7.3 10.9

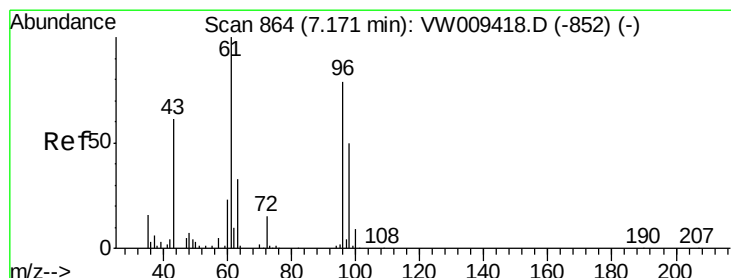
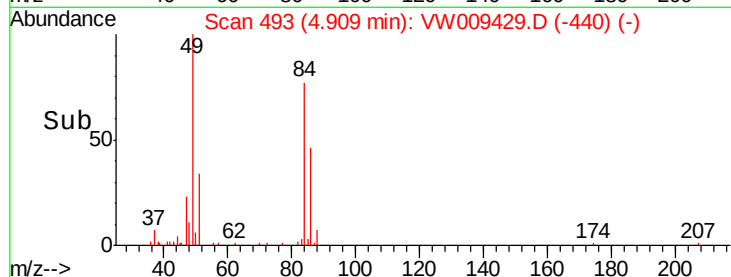
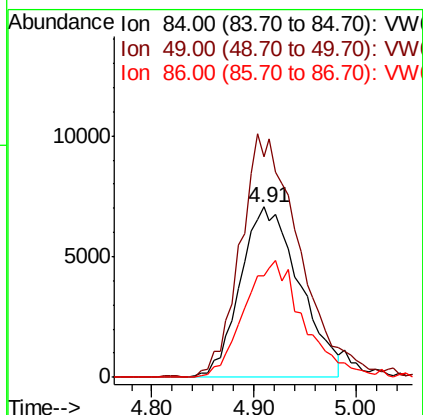
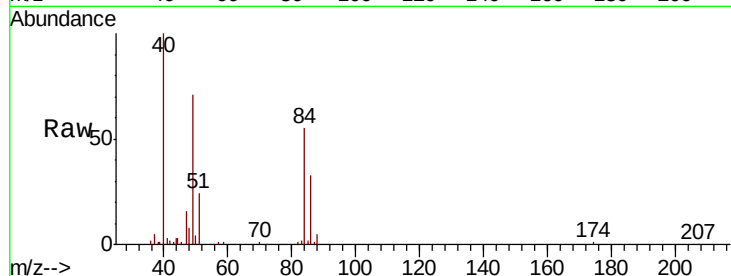




#16
Methylene chloride
Concen: 5.261 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009429.D
Acq: 25 Mar 2019 15:41

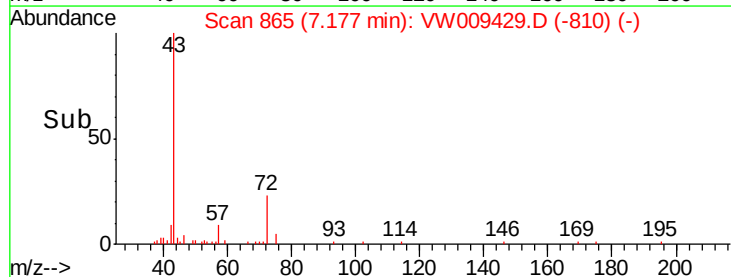
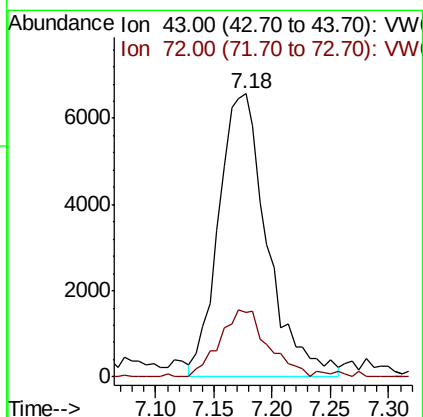
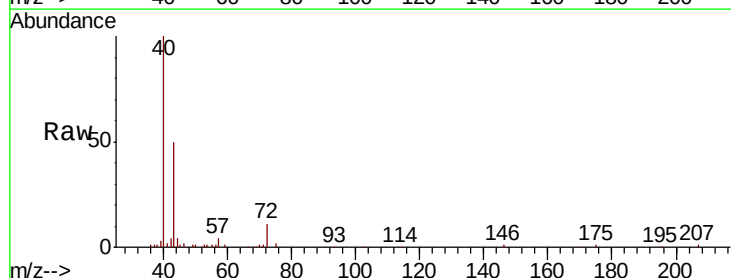
Instrument :
MSVOA_W
ClientSampled :

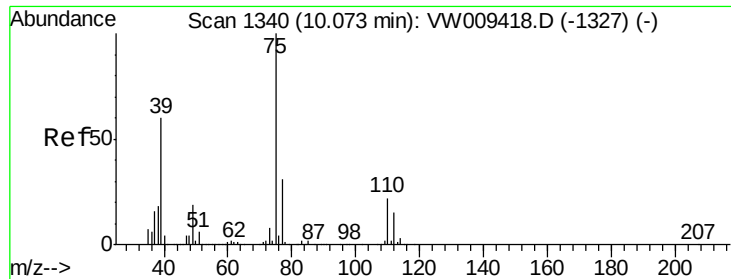
Tot Ion: 84 Resp: 28535
Ion Ratio Lower Upper
84 100
49 129.4 96.0 178.2
86 59.9 44.4 82.5



#21
2-Butanone
Concen: 9.137 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW009429.D
Acq: 25 Mar 2019 15:41

Tgt Ion: 43 Resp: 19019
Ion Ratio Lower Upper
43 100
72 23.3 13.1 39.1

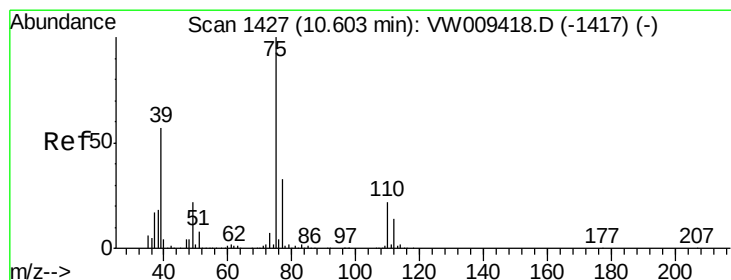
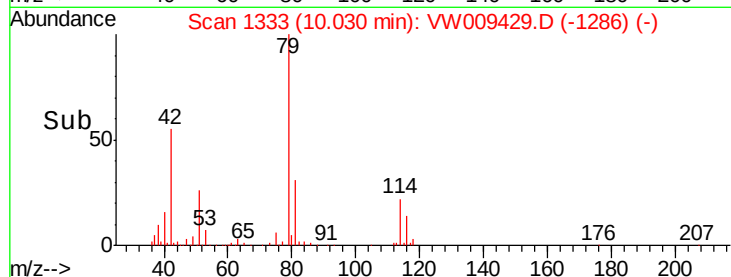
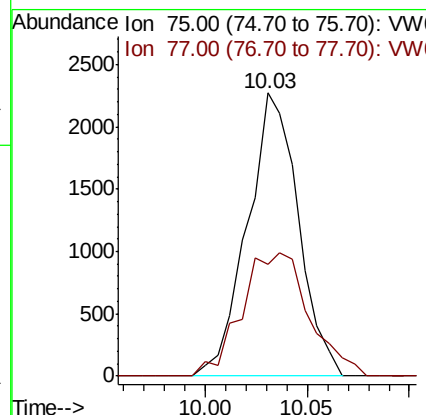
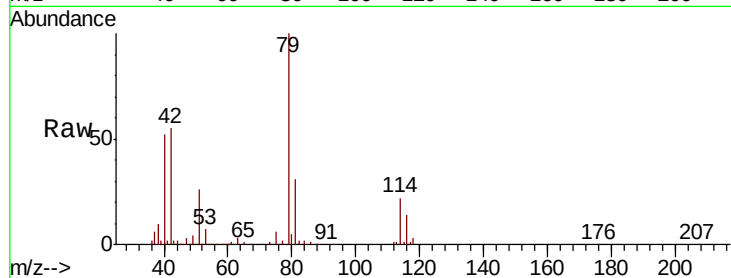




#42
 cis-1,3-Dichloropropene
 Concen: 0.569 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW009429.D
 Acq: 25 Mar 2019 15:41

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 3948
 Ion Ratio Lower Upper
 75 100
 77 39.5 21.6 40.2



#45
 trans-1,3-Dichloropropene
 Concen: 0.436 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: VW009429.D
 Acq: 25 Mar 2019 15:41

Tgt Ion: 75 Resp: 2634
 Ion Ratio Lower Upper
 75 100
 77 44.0 22.5 41.7#

