

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009827.D
 Acq On : 09 Apr 2019 05:54
 Operator : SY/VA
 Sample : K2273-02
 Misc : 5.18G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC52

Quant Time: Apr 09 07:59:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 07:56:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	430399	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	387054	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133869	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	133195	23.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.60%
7) Chloroethane-d5	2.89	69	128202	24.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.40%
10) 1,1-Dichloroethene-d2	4.01	63	235147	19.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.64%
20) 2-Butanone-d5	7.08	46	103819	56.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.54%
24) Chloroform-d	7.65	84	329573	28.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.24%
26) 1,2-Dichloroethane-d4	8.41	65	160	0.02	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	603125	29.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.72%
33) 1,2-Dichloropropane-d6	9.27	67	190650	30.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.52%#
37) Toluene-d8	10.32	98	506731	26.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.88%
38) trans-1,3-Dichloropropene-	10.57	79	61052	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.60%
39) 2-Hexanone-d5	10.93	63	61641	52.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155188	26.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	145218	30.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	123.64%#

Target Compounds

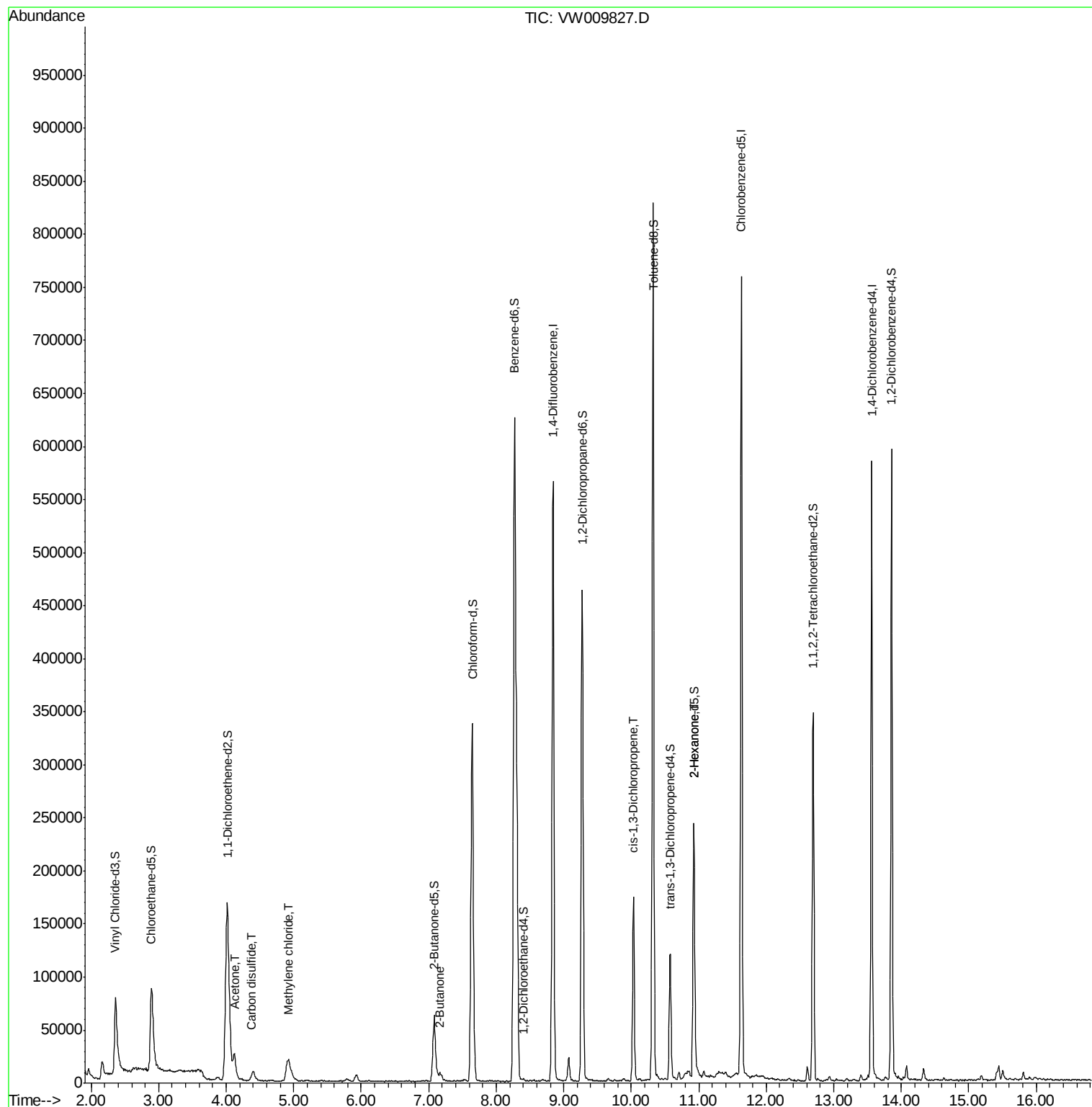
					Qvalue
13) Acetone	4.12	43	37562	19.171 ug/L	99
14) Carbon disulfide	4.37	76	6901	0.388 ug/L #	94
16) Methylene chloride	4.91	84	8614	1.135 ug/L	96
21) 2-Butanone	7.17	43	3710	1.489 ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	4973	0.538 ug/L #	77
49) 2-Hexanone	10.93	43	12870	3.733 ug/L #	78

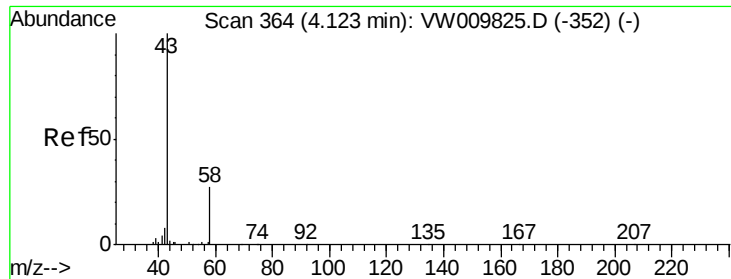
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 19.171 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009827.D

Acq: 09 Apr 2019 05:54

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MSVOA_W

ClientSampleId :

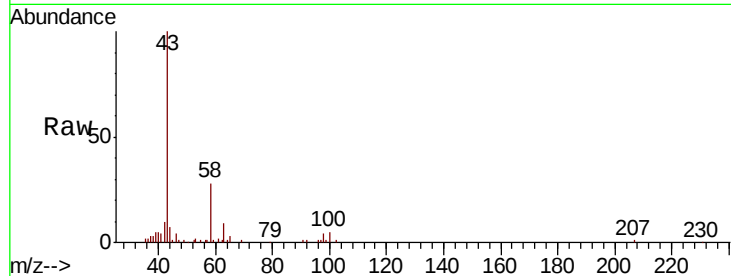
BFC52

Tgt Ion: 43 Resp: 37562

Ion Ratio Lower Upper

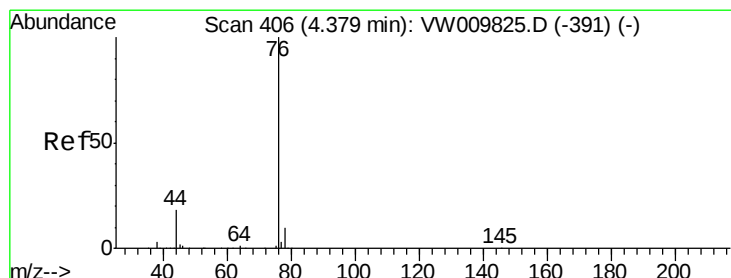
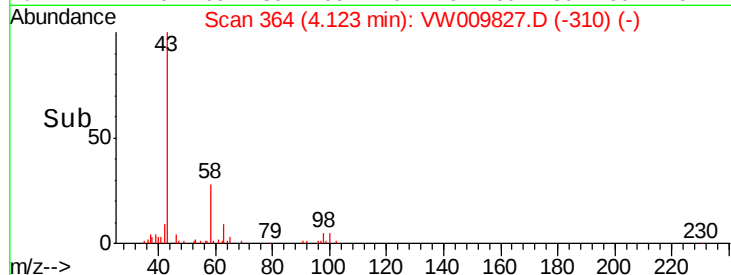
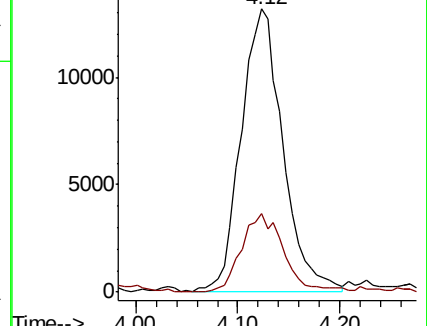
43 100

58 26.8 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.388 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW009827.D

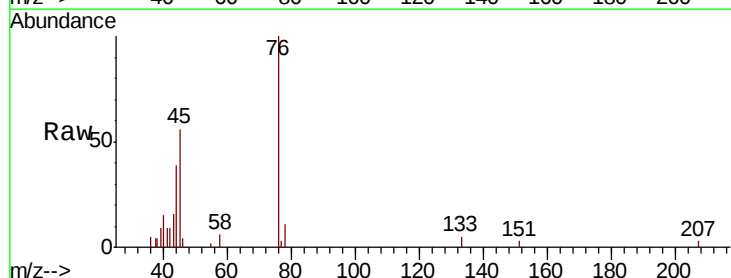
Acq: 09 Apr 2019 05:54

Tgt Ion: 76 Resp: 6901

Ion Ratio Lower Upper

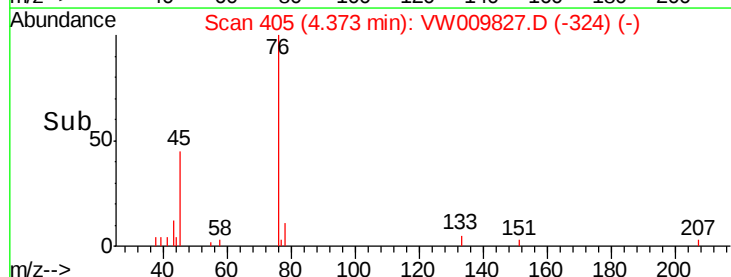
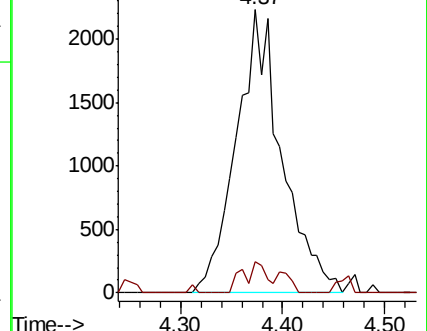
76 100

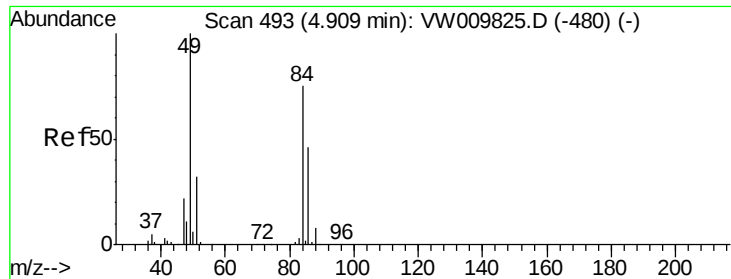
78 11.2 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

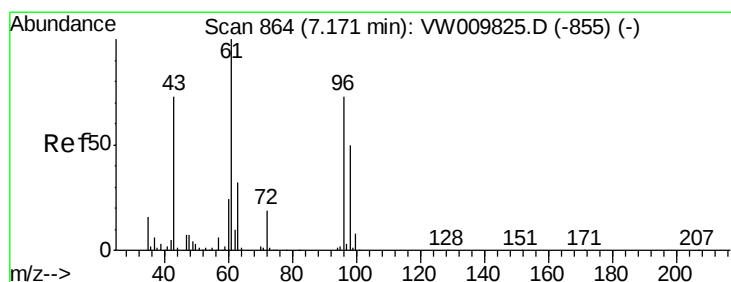
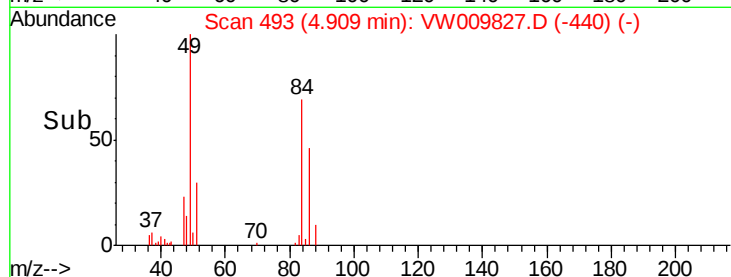
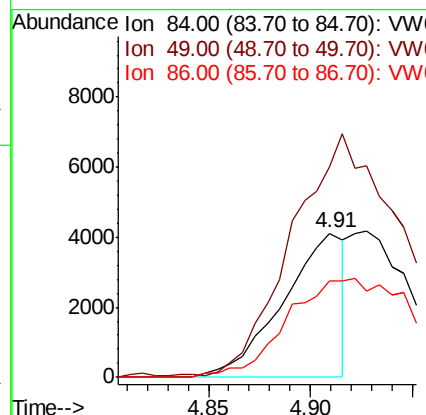
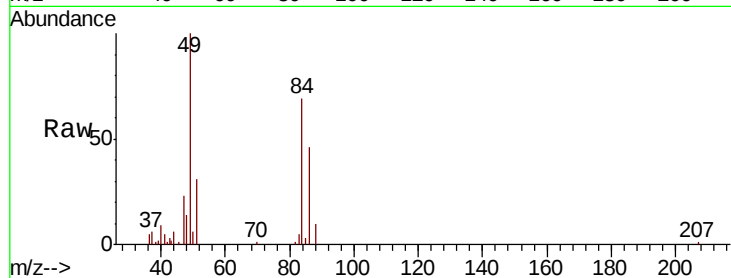




#16
Methylene chloride
Concen: 1.135 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009827.D
Acq: 09 Apr 2019 05:54

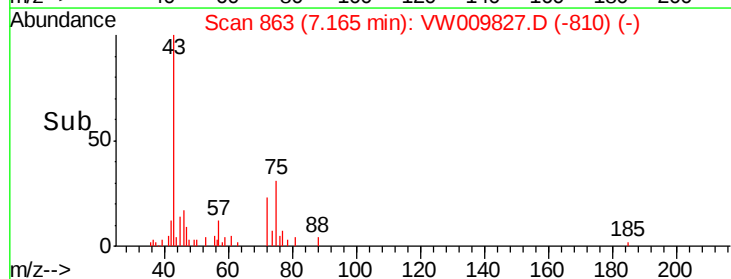
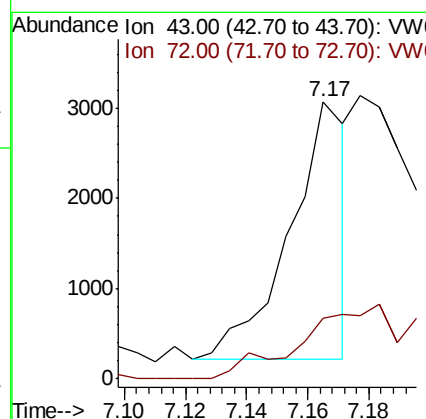
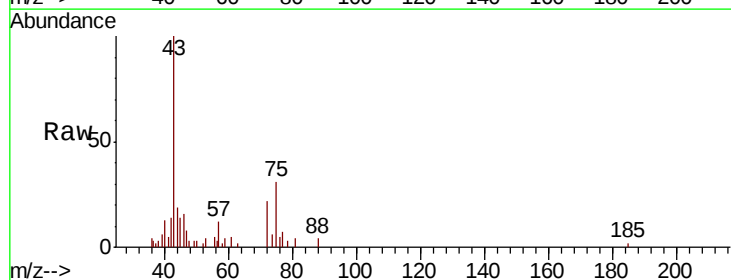
Instrument :
MSVOA_W
ClientSampled :
BFC52

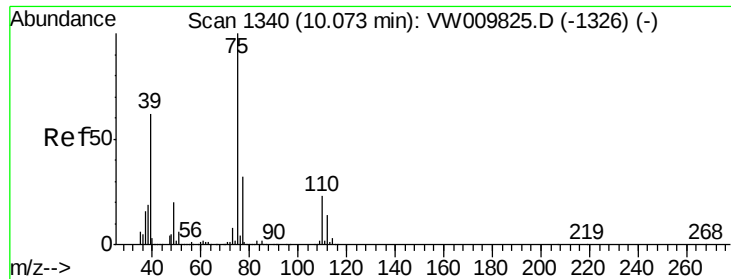
Tgt Ion: 84 Resp: 8614
Ion Ratio Lower Upper
84 100
49 145.9 98.3 182.5
86 67.4 46.4 86.2



#21
2-Butanone
Concen: 1.489 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW009827.D
Acq: 09 Apr 2019 05:54

Tgt Ion: 43 Resp: 3710
Ion Ratio Lower Upper
43 100
72 23.8 12.0 36.1

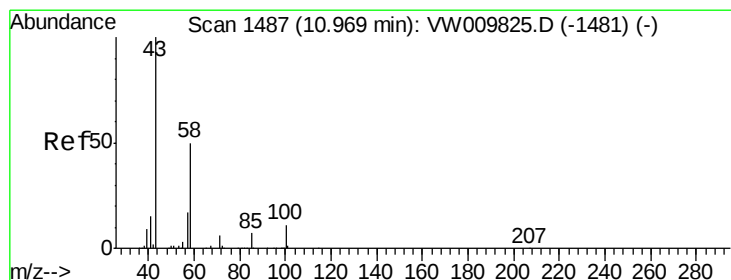
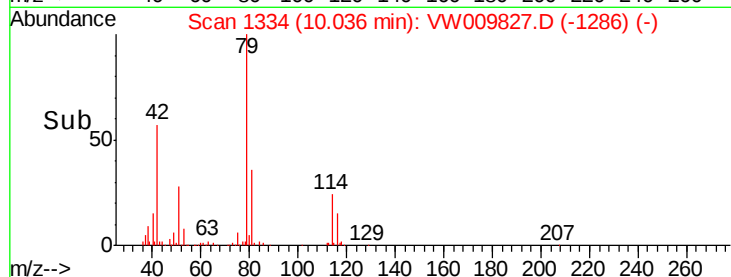
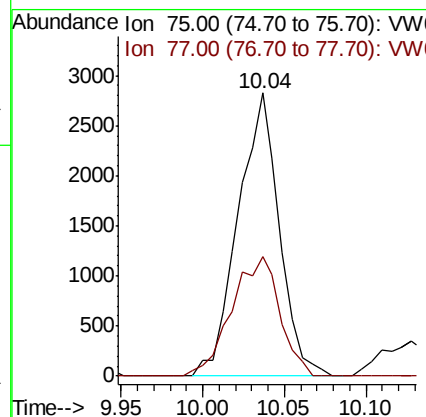
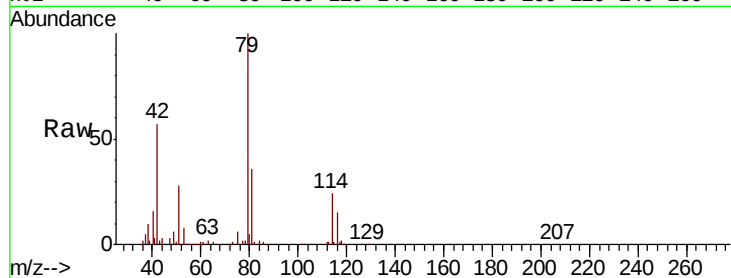




#42
 cis-1,3-Dichloropropene
 Concen: 0.538 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW009827.D
 Acq: 09 Apr 2019 05:54

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC52

Tgt Ion: 75 Resp: 4973
 Ion Ratio Lower Upper
 75 100
 77 42.3 21.0 39.0#



#49
 2-Hexanone
 Concen: 3.733 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW009827.D
 Acq: 09 Apr 2019 05:54

Tgt Ion: 43 Resp: 12870
 Ion Ratio Lower Upper
 43 100
 58 35.3 38.9 58.3#
 57 30.1 13.8 20.6#
 100 2.8 8.6 13.0#

