

Data File : VW009558.D
Acq On : 29 Mar 2019 01:45
Operator : SY/VA
Sample : K2068-18
Misc : 4.14G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5M4RE

Quant Time: Mar 29 07:45:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 07:41:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	364722	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	286148	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	79800	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	147409	33.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	135.28%
7) Chloroethane-d5	2.89	69	139115	27.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.12%
10) 1,1-Dichloroethene-d2	4.01	63	211565	22.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.84%
20) 2-Butanone-d5	7.08	46	19222	10.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	21.32%
24) Chloroform-d	7.65	84	260973	26.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.88%
26) 1,2-Dichloroethane-d4	8.30	65	160800	26.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.28%
29) Benzene-d6	8.27	84	499531	31.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.60%
33) 1,2-Dichloropropane-d6	9.27	67	148408	31.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.24%#
37) Toluene-d8	10.32	98	402537	27.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.36%
38) trans-1,3-Dichloropropene-	10.58	79	34450	14.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.88%
39) 2-Hexanone-d5	10.93	63	11023	9.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.20%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98668	21.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	68289	22.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.28%

Target Compounds

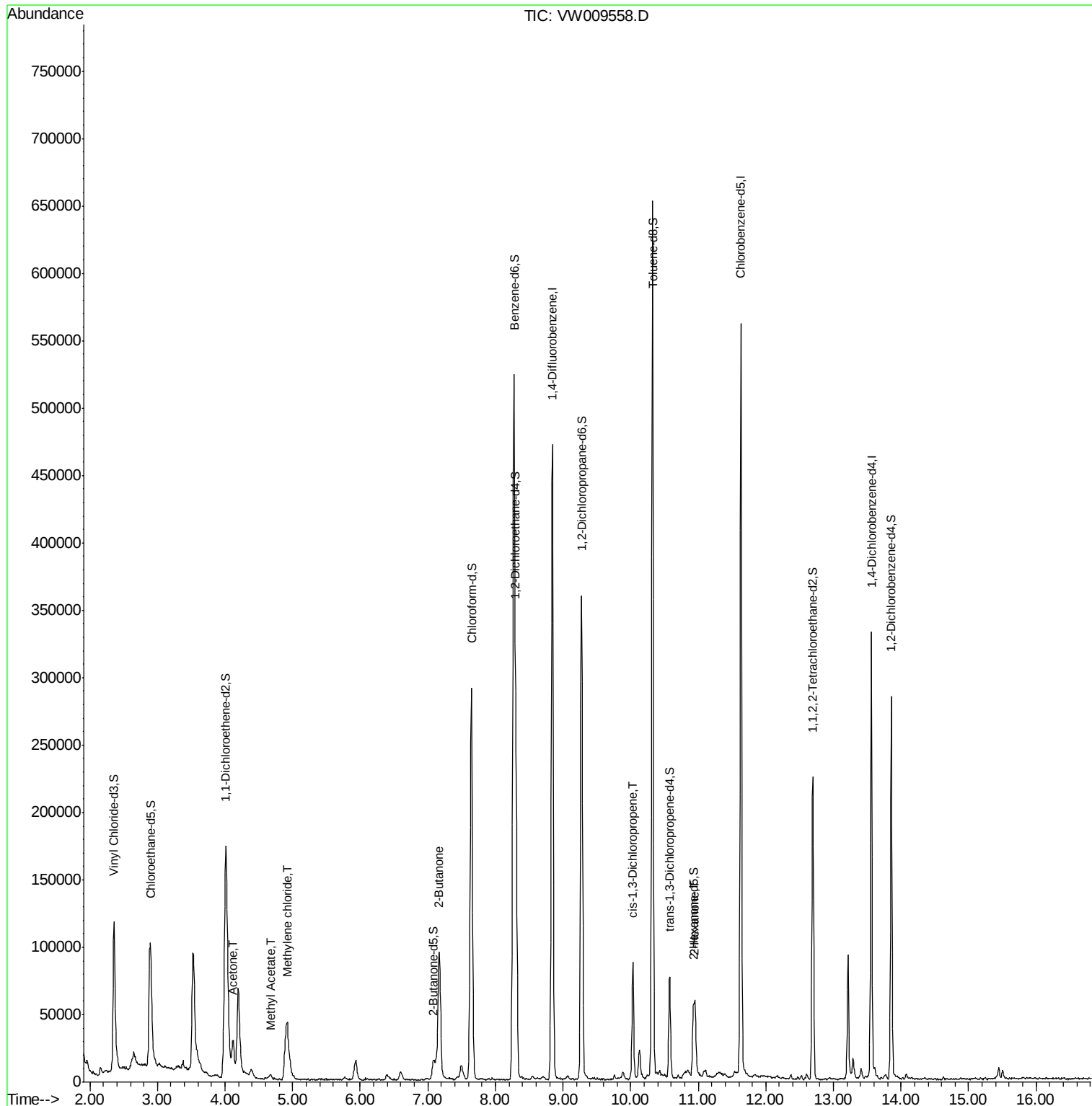
						Qvalue
13) Acetone	4.12	43	45673	30.899	ug/L	96
15) Methyl Acetate	4.67	43	6163	2.122	ug/L	100
16) Methylene chloride	4.92	84	36646	6.890	ug/L	94
21) 2-Butanone	7.17	43	166343	81.503	ug/L	90
42) cis-1,3-Dichloropropene	10.04	75	2185	0.334	ug/L #	30
49) 2-Hexanone	10.96	43	30926	12.057	ug/L #	47

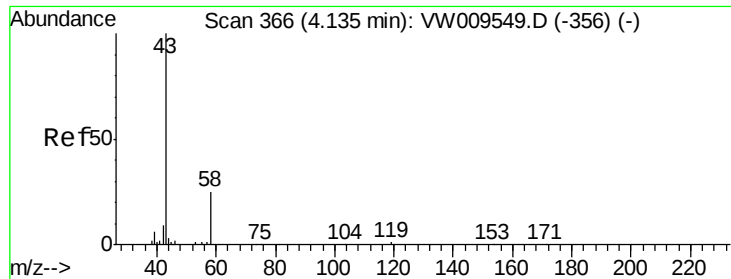
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 30.899 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

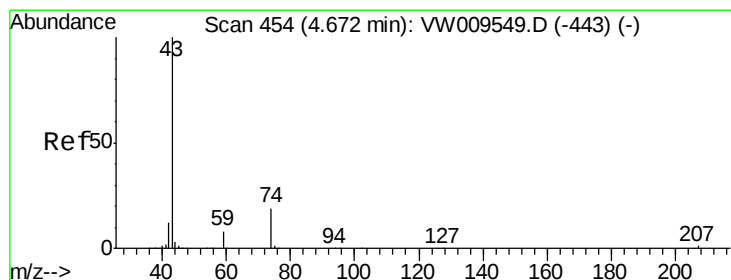
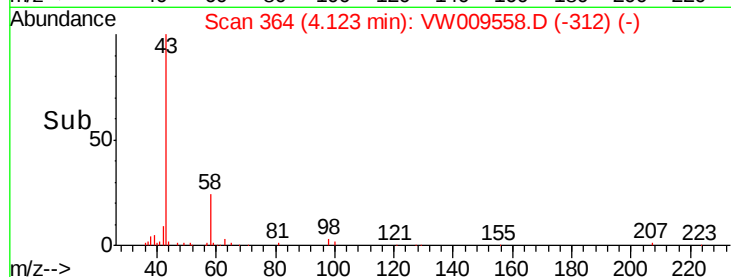
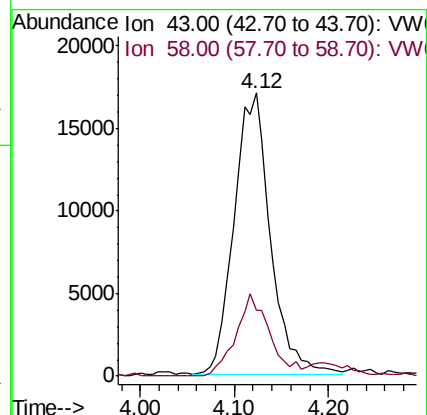
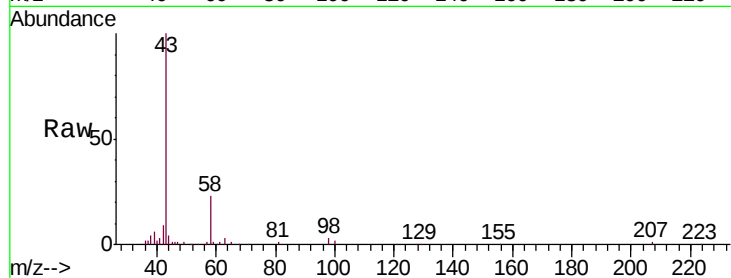
BF5M4RE

Tgt Ion: 43 Resp: 45673

Ion Ratio Lower Upper

43 100

58 26.2 0.0 56.2



#15

Methyl Acetate

Concen: 2.122 ug/L

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

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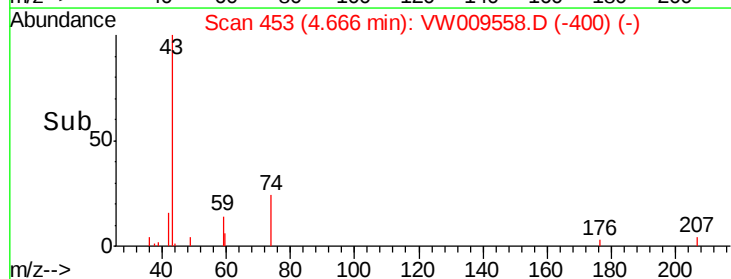
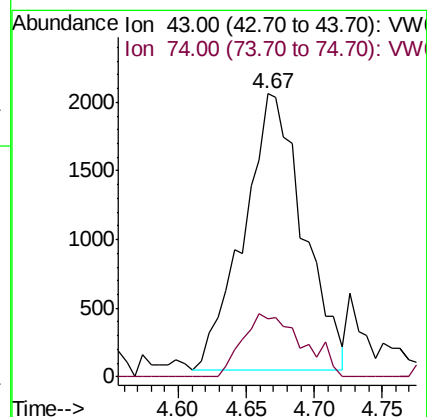
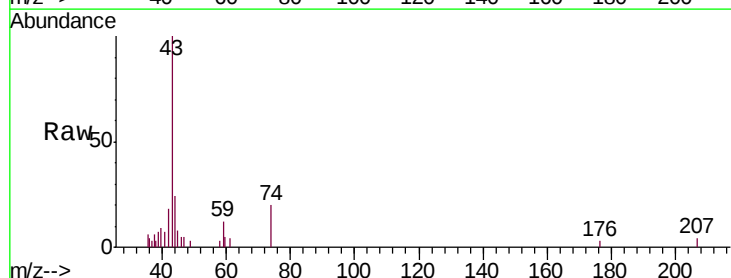
Acq: 29 Mar 2019 01:45

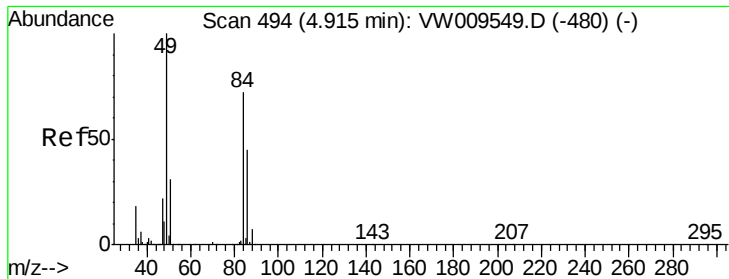
Tgt Ion: 43 Resp: 6163

Ion Ratio Lower Upper

43 100

74 20.9 16.7 25.1

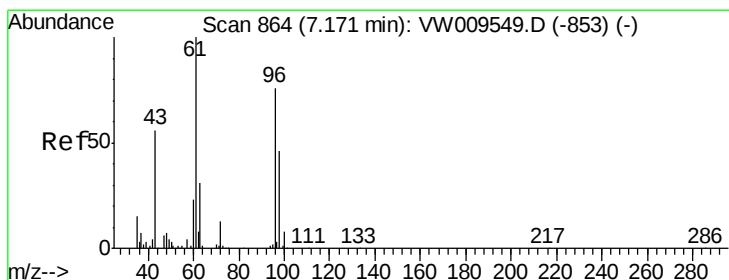
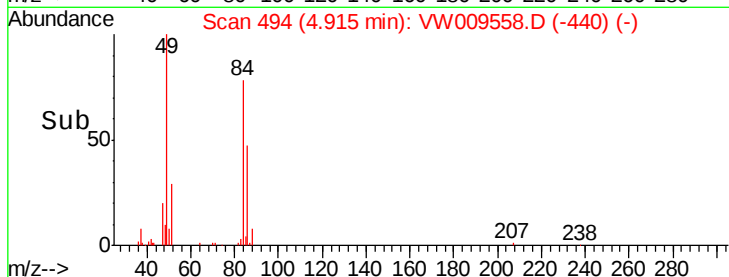
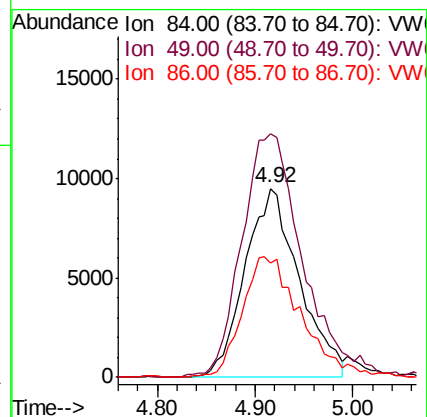
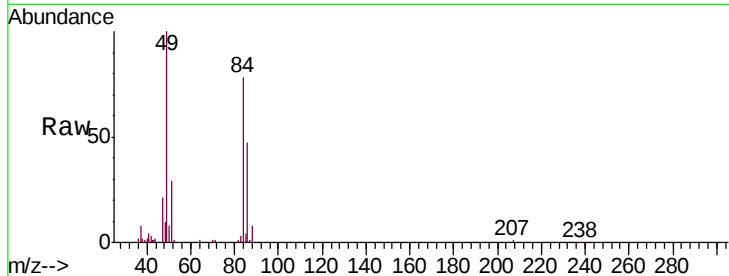




#16
Methylene chloride
Concen: 6.890 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
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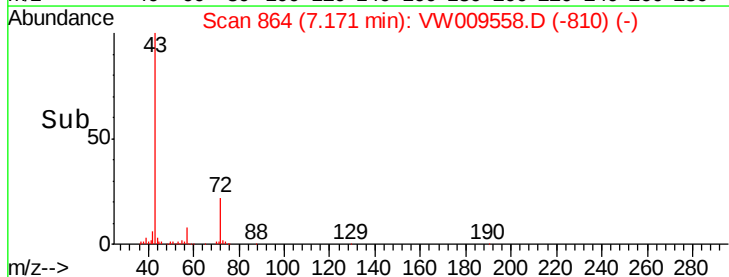
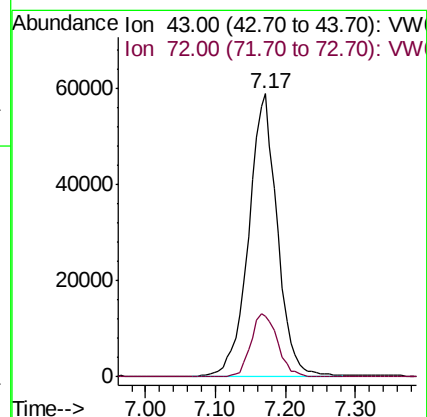
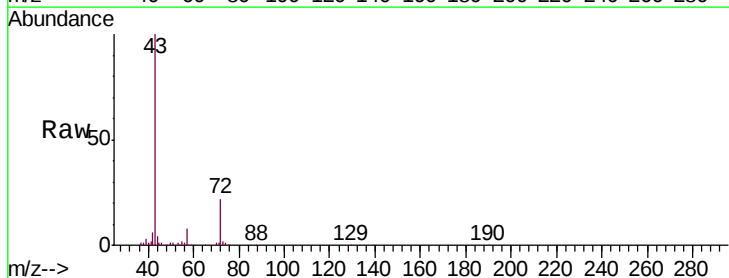
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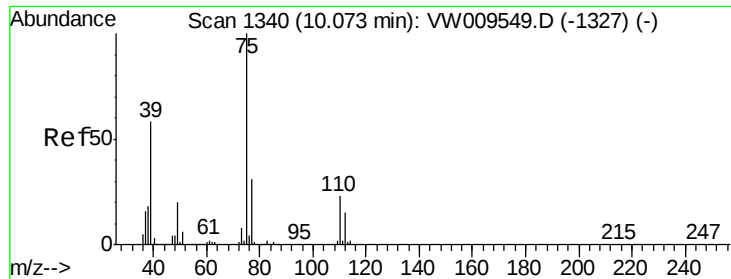
Tgt Ion: 84 Resp: 36646
Ion Ratio Lower Upper
84 100
49 128.9 96.0 178.2
86 60.7 44.4 82.5



#21
2-Butanone
Concen: 81.503 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009558.D
Acq: 29 Mar 2019 01:45

Tgt Ion: 43 Resp: 166343
Ion Ratio Lower Upper
43 100
72 21.0 13.1 39.1

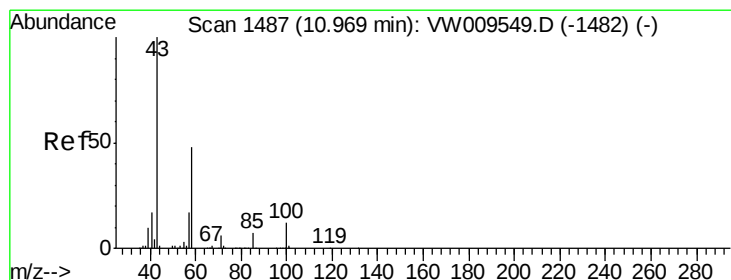
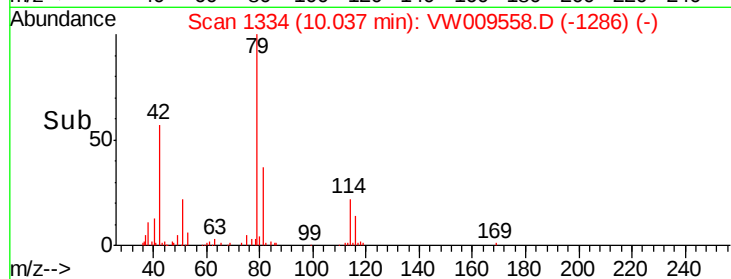
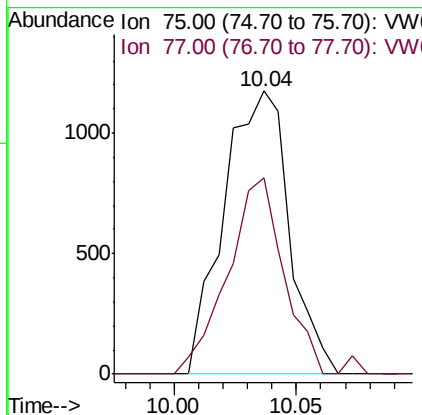
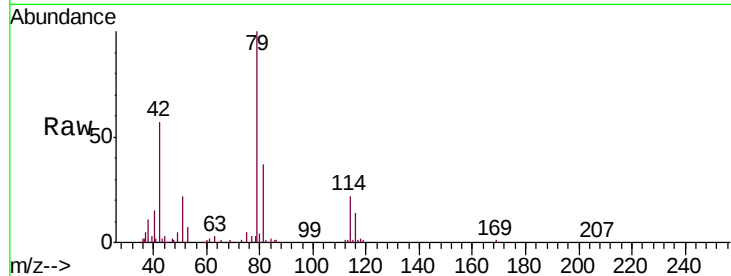




#42
 cis-1,3-Dichloropropene
 Concen: 0.334 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW009558.D
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 MSVOA_W
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 BF5M4RE

Tgt Ion: 75 Resp: 2185
 Ion Ratio Lower Upper
 75 100
 77 69.2 21.6 40.2#



#49
 2-Hexanone
 Concen: 12.057 ug/L
 RT: 10.96 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VW009558.D
 Acq: 29 Mar 2019 01:45

Tgt Ion: 43 Resp: 30926
 Ion Ratio Lower Upper
 43 100
 58 3.3 39.2 58.8#
 57 4.2 14.2 21.2#
 100 1.0 8.9 13.3#

