

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
 Data File : VW009346.D
 Acq On : 22 Mar 2019 14:10
 Operator : SY/VA
 Sample : K2017-16
 Misc : 5.22G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0E2

Quant Time: Mar 23 00:17:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 00:14:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	340581	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	331242	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150883	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95796	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.16%
7) Chloroethane-d5	2.89	69	94767	19.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.60%
10) 1,1-Dichloroethene-d2	4.01	63	149851	17.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.16%
20) 2-Butanone-d5	7.07	46	109518	65.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.14%
24) Chloroform-d	7.65	84	213621	22.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.92%
26) 1,2-Dichloroethane-d4	8.60	65	79	0.01	ug/L	0.29
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	393141	21.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.08%
33) 1,2-Dichloropropane-d6	9.27	67	121607	22.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.64%
37) Toluene-d8	10.32	98	342272	20.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.04%
38) trans-1,3-Dichloropropene-	10.58	79	56174	20.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.56%
39) 2-Hexanone-d5	10.93	63	80427	60.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146893	27.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	139112	24.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.16%

Target Compounds

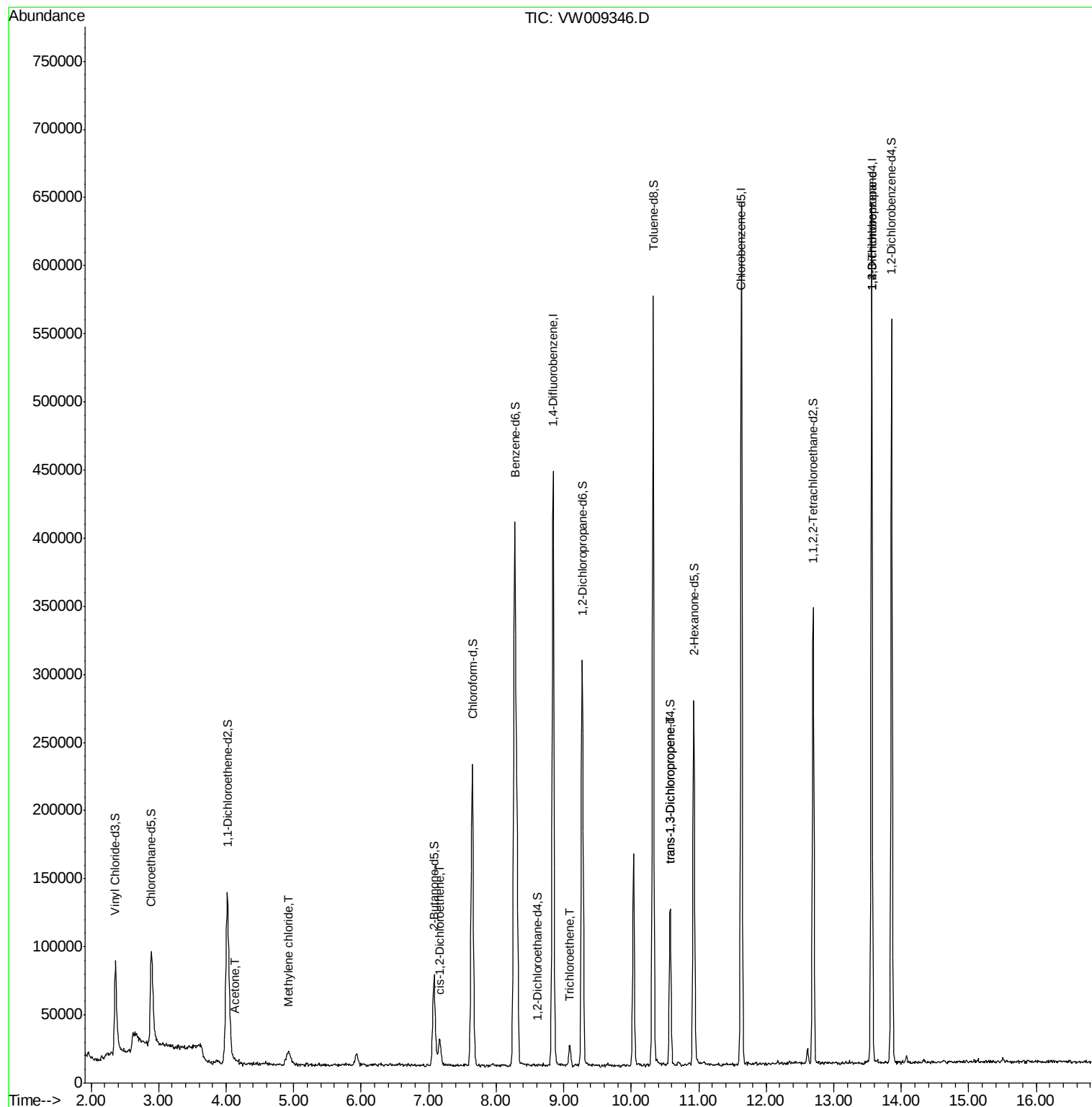
					Qvalue
13) Acetone	4.12	43	2358	1.708 ug/L	68
16) Methylene chloride	4.92	84	4982	1.003 ug/L	86
22) cis-1,2-Dichloroethene	7.17	96	8312	1.740 ug/L	92
35) Trichloroethene	9.09	95	4173	0.864 ug/L	88
45) trans-1,3-Dichloropropene	10.57	75	3181	0.483 ug/L	97
59) 1,2,3-Trichloropropane	13.56	75	19944	5.367 ug/L	92

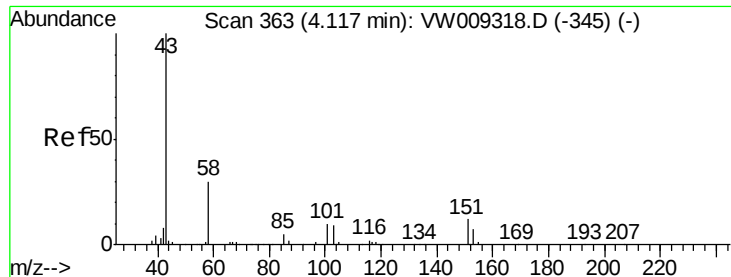
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 23 00:14:14 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.708 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009346.D

Acq: 22 Mar 2019 14:10

Instrument :

MSVOA_W

ClientSampled :

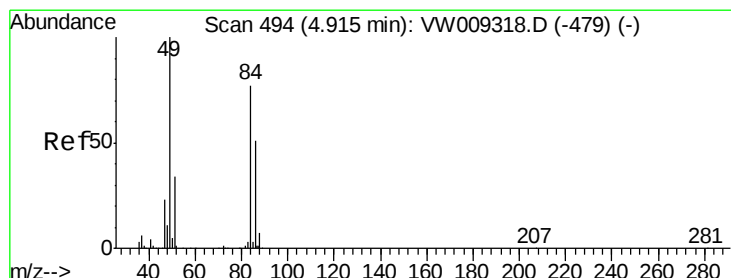
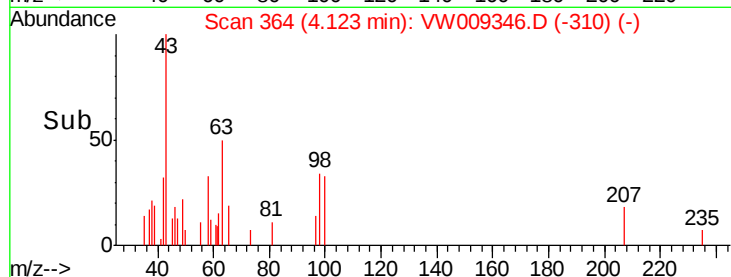
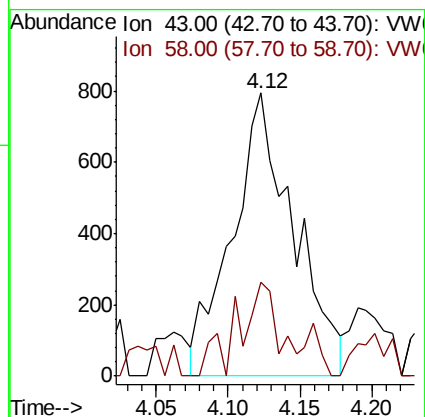
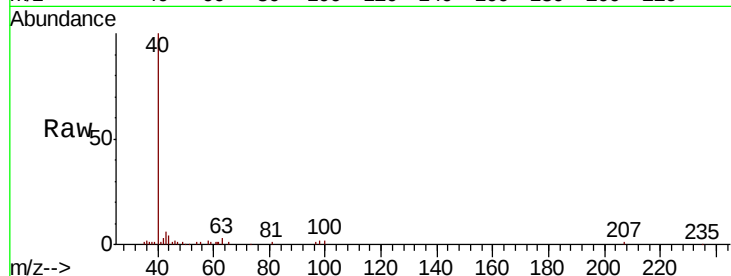
BF0E2

Tgt Ion: 43 Resp: 2358

Ion Ratio Lower Upper

43 100

58 11.5 0.0 56.2



#16

Methylene chloride

Concen: 1.003 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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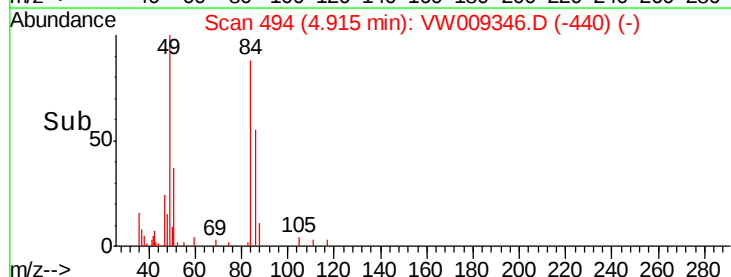
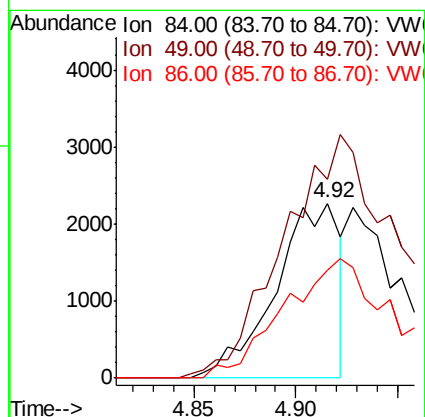
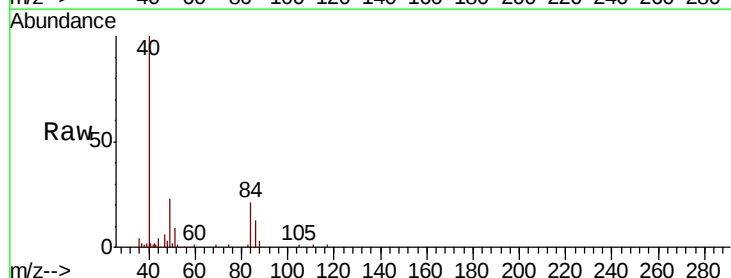
Tgt Ion: 84 Resp: 4982

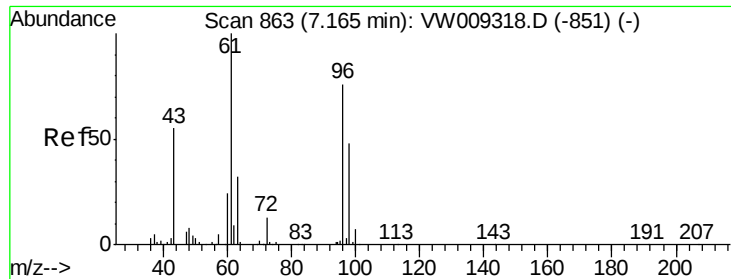
Ion Ratio Lower Upper

84 100

49 113.6 96.0 178.2

86 62.0 44.4 82.5



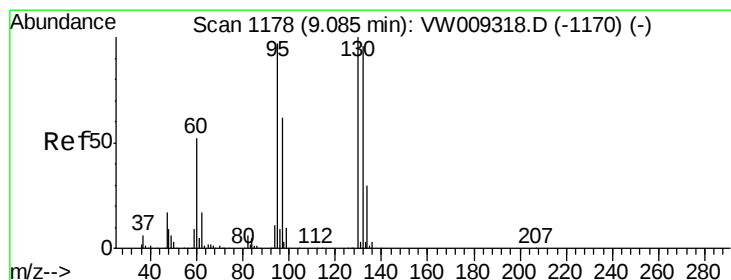
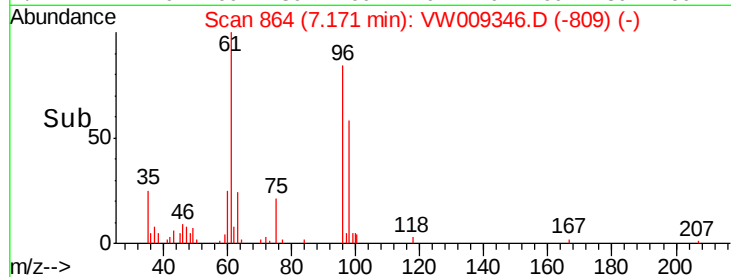
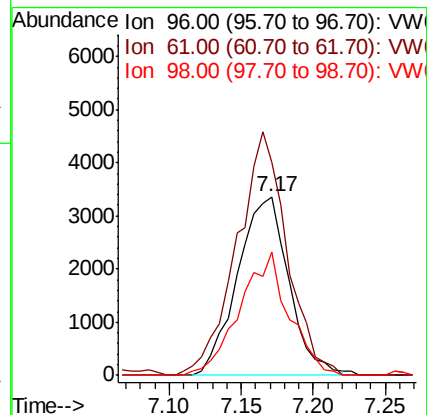
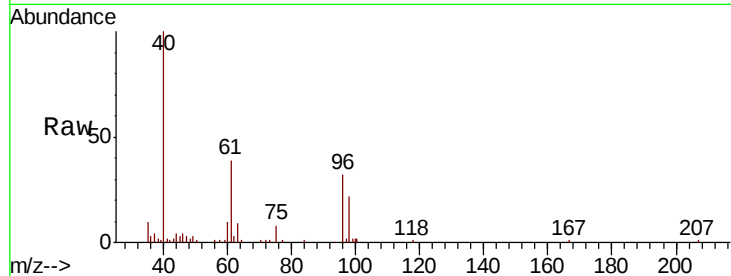


#22

cis-1,2-Dichloroethene
Concen: 1.740 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
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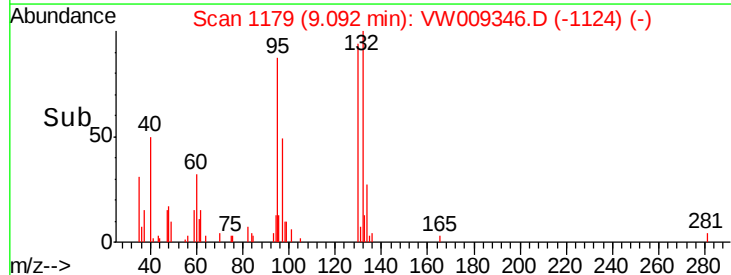
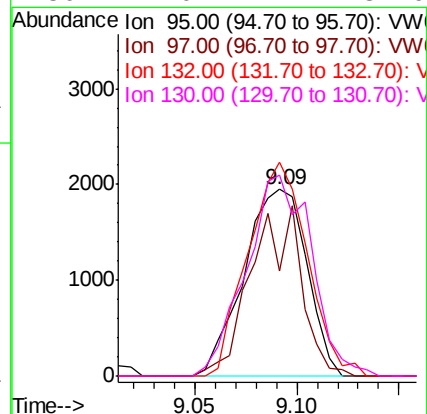
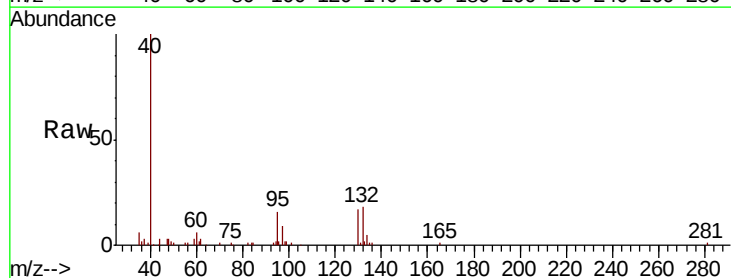
Tgt Ion: 96 Resp: 8312
Ion Ratio Lower Upper
96 100
61 119.2 90.6 168.3
98 68.8 44.0 81.8

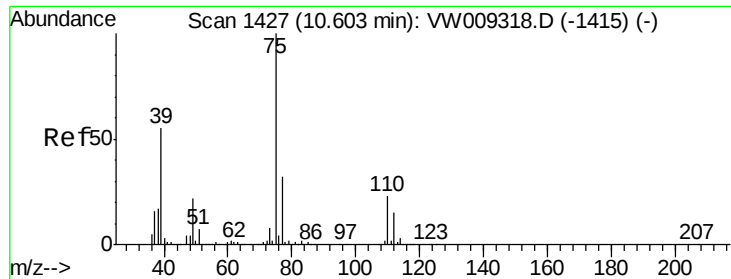


#35

Trichloroethene
Concen: 0.864 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW009346.D
Acq: 22 Mar 2019 14:10

Tgt Ion: 95 Resp: 4173
Ion Ratio Lower Upper
95 100
97 46.6 44.7 82.9
132 108.8 69.0 128.2
130 112.0 72.7 134.9

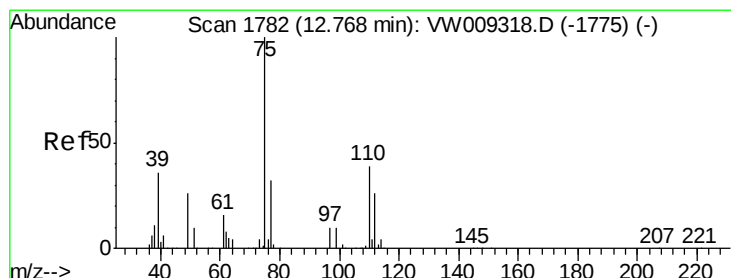
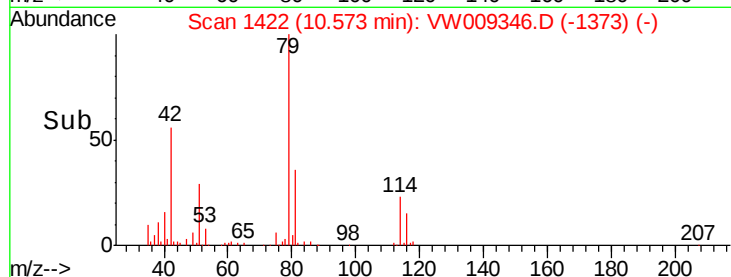
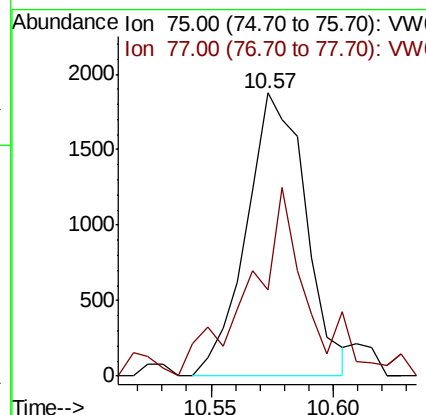
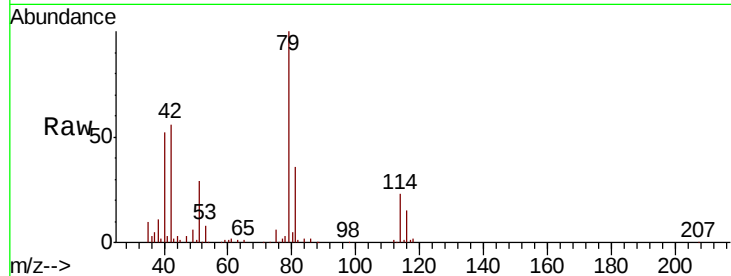




#45
trans-1,3-Dichloropropene
Concen: 0.483 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
Lab File: VW009346.D
Acq: 22 Mar 2019 14:10

Instrument :
MSVOA_W
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Tgt Ion: 75 Resp: 3181
Ion Ratio Lower Upper
75 100
77 30.6 22.5 41.7



#59
1,2,3-Trichloropropane
Concen: 5.367 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW009346.D
Acq: 22 Mar 2019 14:10

Tgt Ion: 75 Resp: 19944
Ion Ratio Lower Upper
75 100
77 37.5 26.2 39.2

