

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092818\
 Data File : VW005724.D
 Acq On : 28 Sep 2018 17:17
 Operator : SY/AP
 Sample : VW0928SBL01
 Misc : 5.00G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 29 01:19:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 28 16:00:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	231571	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	244453	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	118510	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	74045	25.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.32%
7) Chloroethane-d5	2.90	69	59316	25.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.00%
10) 1,1-Dichloroethene-d2	4.01	63	124601	19.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.32%
20) 2-Butanone-d5	7.09	46	55972	59.06	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.12%
24) Chloroform-d	7.65	84	153103	25.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.96%
26) 1,2-Dichloroethane-d4	8.31	65	96661	26.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.32%
29) Benzene-d6	8.28	84	276573	22.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.40%
33) 1,2-Dichloropropane-d6	9.28	67	79912	22.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.40%
37) Toluene-d8	10.33	98	290222	24.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.16%
38) trans-1,3-Dichloropropene-	10.58	79	43972	23.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.76%
39) 2-Hexanone-d5	10.93	63	43912	53.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.22%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	87482	25.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.00%
61) 1,2-Dichlorobenzene-d4	13.87	152	110981	26.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.88%

Target Compounds

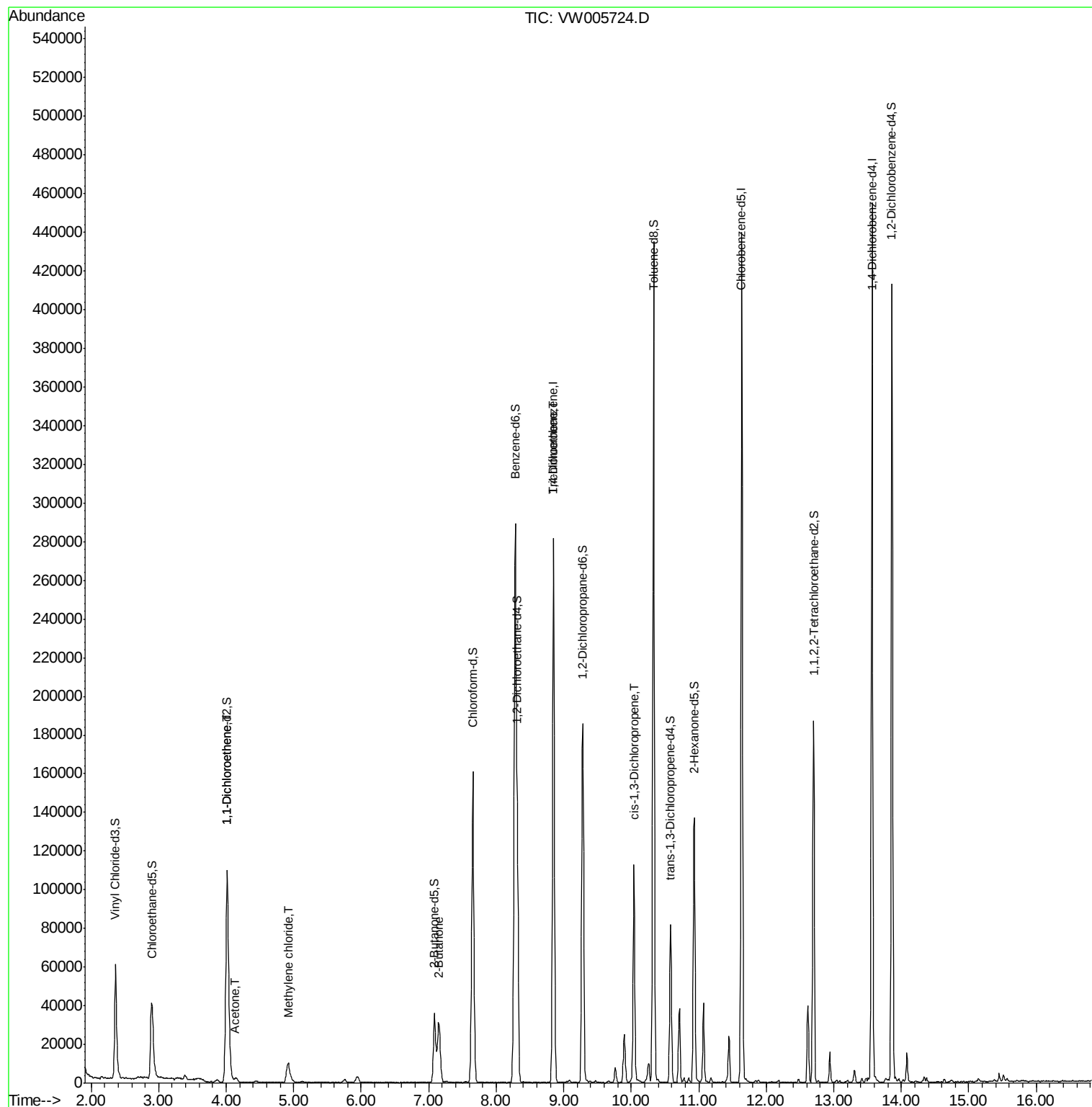
					Ovalue
12) 1,1-Dichloroethene	4.01	96	1089	0.362 ug/L #	1
13) Acetone	4.14	43	2317	2.348 ug/L	87
16) Methylene chloride	4.92	84	7796	2.042 ug/L	96
21) 2-Butanone	7.15	43	935	0.791 ug/L	90
35) Trichloroethene	8.85	95	7464	2.020 ug/L #	5
42) cis-1,3-Dichloropropene	10.04	75	2889	0.520 ug/L	83

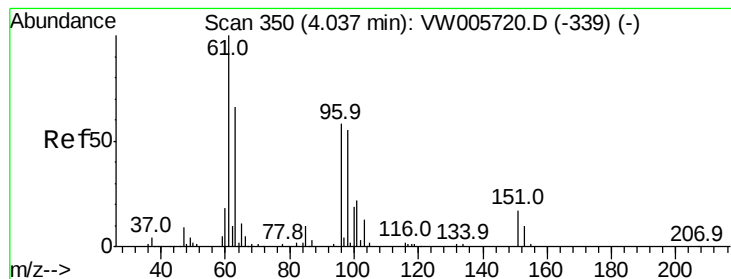
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 28 16:00:53 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.362 ug/L

RT: 4.01 min Scan# 345

Delta R.T. -0.03 min

Lab File: VW005724.D

Acq: 28 Sep 2018 17:17

Instrument :
MSVOA_W
ClientSampled :

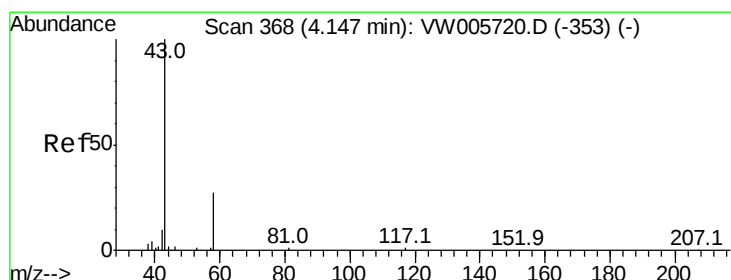
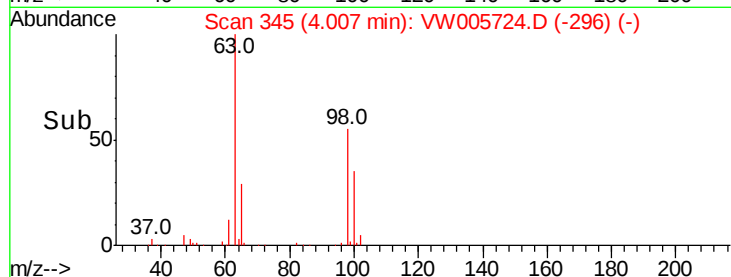
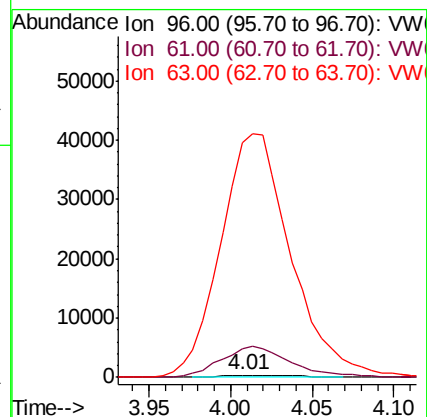
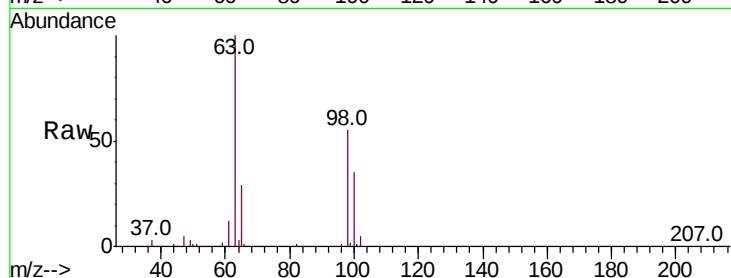
Tot Ion: 96 Resp: 1089

Ion Ratio Lower Upper

96 100

61 1349.4 121.4 225.6#

63 11265.9 87.2 161.9#



#13

Acetone

Concen: 2.348 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005724.D

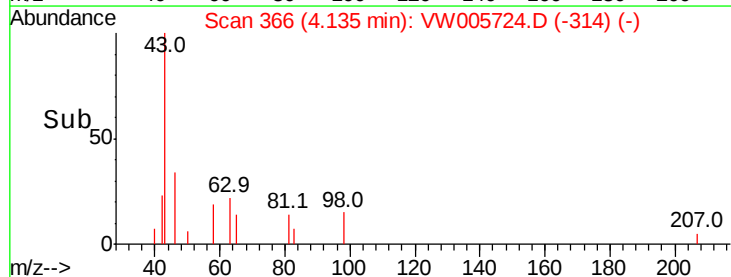
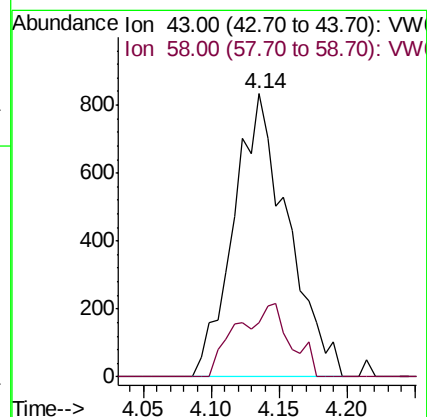
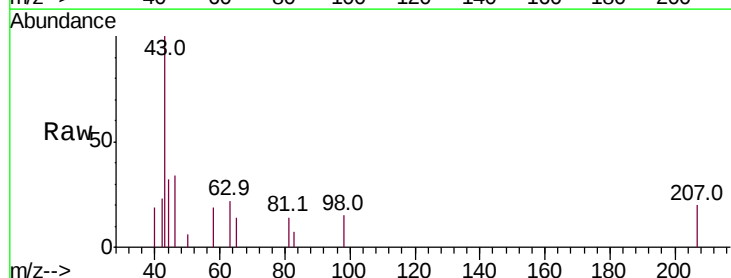
Acq: 28 Sep 2018 17:17

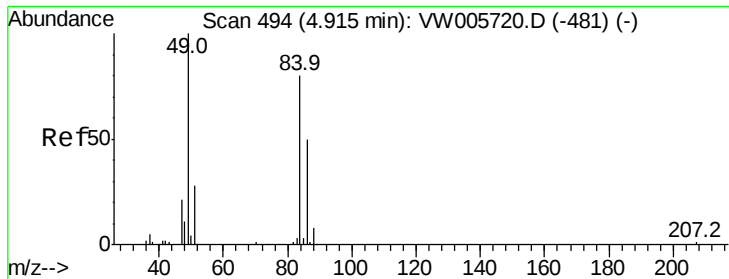
Tgt Ion: 43 Resp: 2317

Ion Ratio Lower Upper

43 100

58 10.2 0.0 31.8

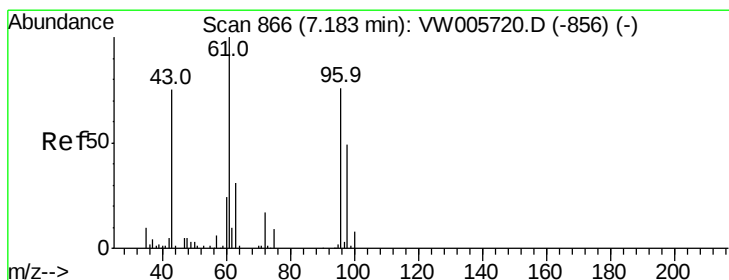
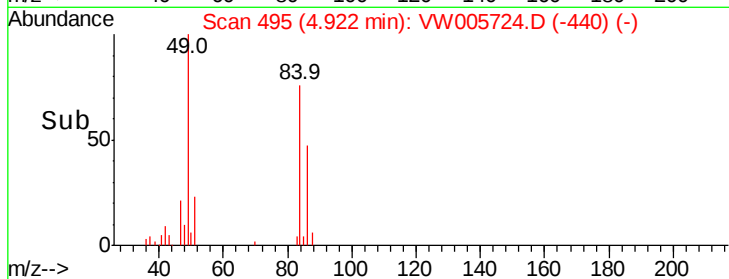
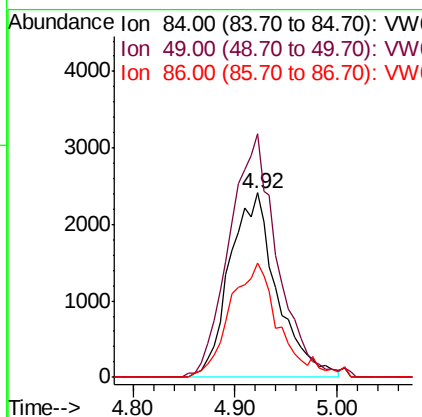
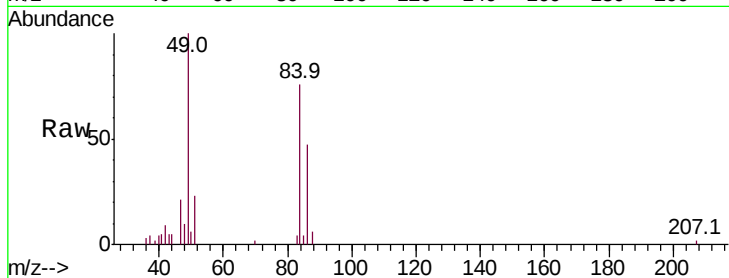




#16
Methylene chloride
Concen: 2.042 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW005724.D
Acq: 28 Sep 2018 17:17

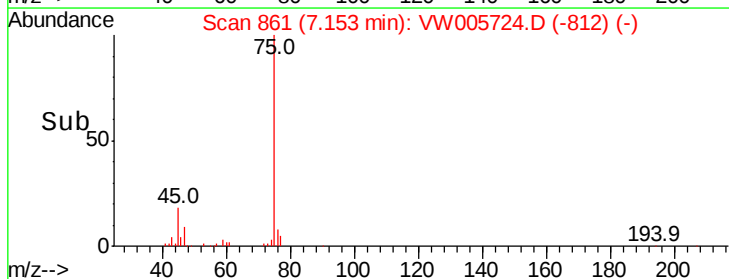
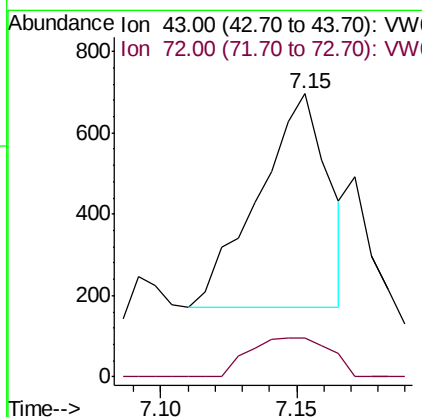
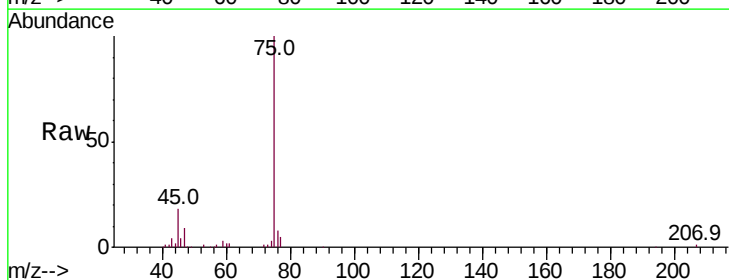
Instrument :
MSVOA_W
ClientSampled :

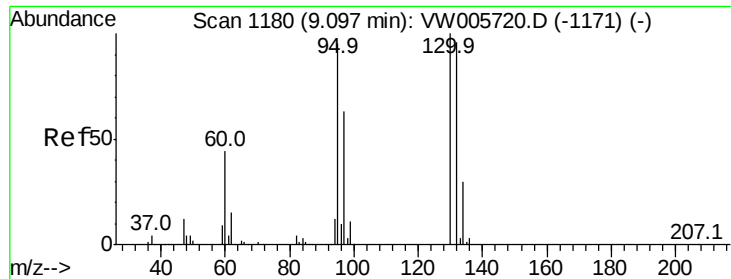
Tot Ion: 84 Resp: 7796
Ion Ratio Lower Upper
84 100
49 131.9 87.2 162.0
86 61.7 43.2 80.2



#21
2-Butanone
Concen: 0.791 ug/L
RT: 7.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: VW005724.D
Acq: 28 Sep 2018 17:17

Tgt Ion: 43 Resp: 935
Ion Ratio Lower Upper
43 100
72 21.3 13.2 39.6





#35

Trichloroethene

Concen: 2.020 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW005724.D

Acq: 28 Sep 2018 17:17

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 7464

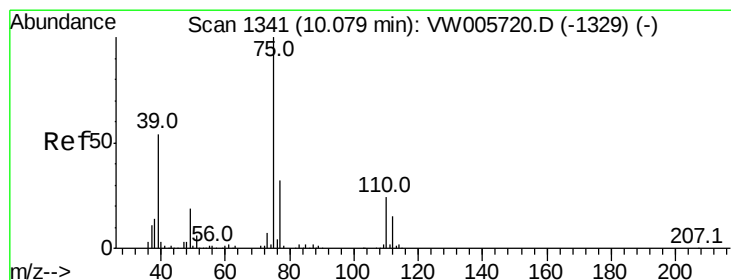
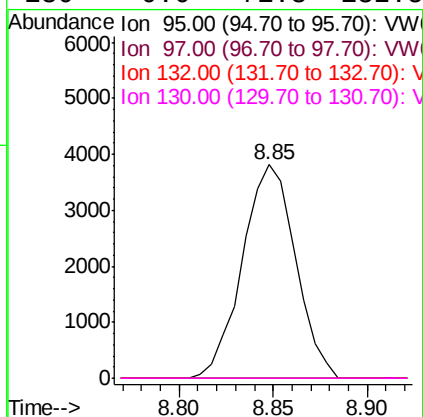
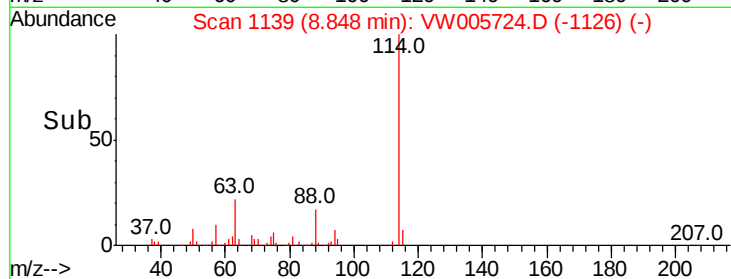
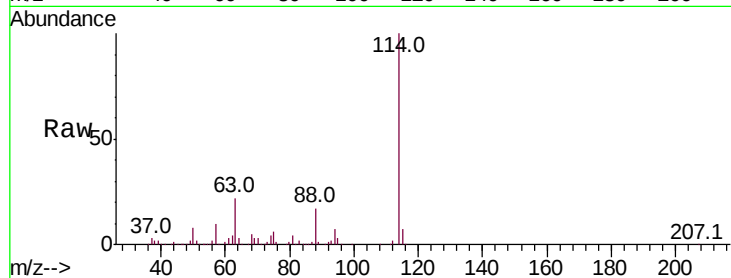
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#



#42

cis-1,3-Dichloropropene

Concen: 0.520 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW005724.D

Acq: 28 Sep 2018 17:17

Tgt Ion: 75 Resp: 2889

Ion Ratio Lower Upper

75 100

77 41.2 22.3 41.3

