

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005748.D
 Acq On : 01 Oct 2018 20:46
 Operator : SY/AP
 Sample : J5180-17
 Misc : 4.99G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 05:46:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 05:44:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	190279	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	164966	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	53613	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	41030	16.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.64%
7) Chloroethane-d5	2.90	69	36496	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.16%
10) 1,1-Dichloroethene-d2	4.01	63	71611	13.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.08%
20) 2-Butanone-d5	7.08	46	44414	57.03	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.06%
24) Chloroform-d	7.65	84	127731	26.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.52%
26) 1,2-Dichloroethane-d4	8.31	65	81113	27.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.60%
29) Benzene-d6	8.27	84	211018	25.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.36%
33) 1,2-Dichloropropane-d6	9.28	67	70225	29.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.00%
37) Toluene-d8	10.33	98	174435	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.56%
38) trans-1,3-Dichloropropene-	10.59	79	26809	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.52%
39) 2-Hexanone-d5	10.93	63	31027	56.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	63596	27.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	49261	25.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.88%

Target Compounds

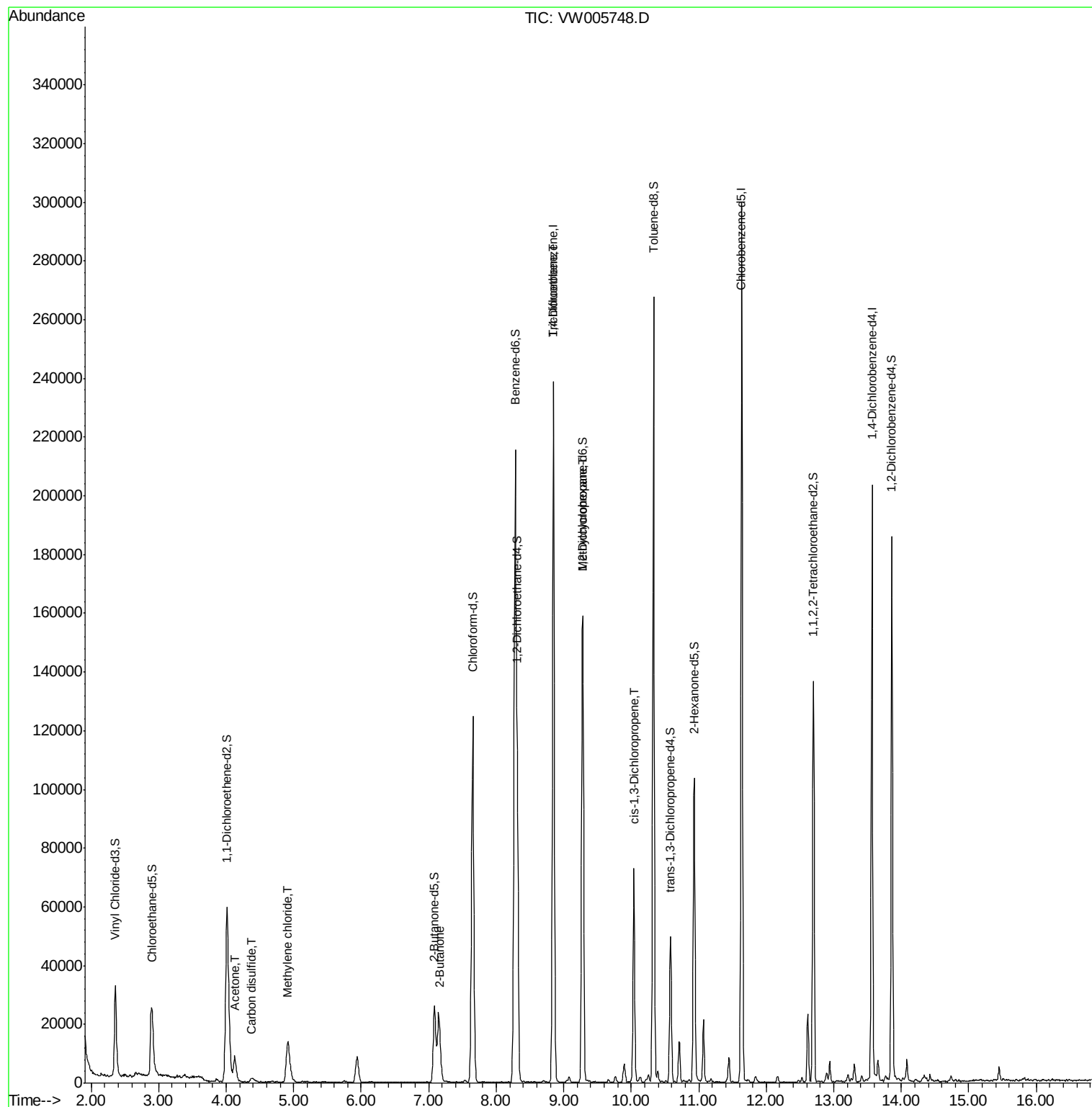
					Ovalue
13) Acetone	4.13	43	14400	17.757	ug/L 70
14) Carbon disulfide	4.38	76	2582	0.333	ug/L # 89
16) Methylene chloride	4.91	84	12632	4.026	ug/L 80
21) 2-Butanone	7.17	43	2152	2.216	ug/L 83
35) Trichloroethene	8.85	95	5912	2.371	ug/L # 5
36) Methylcyclohexane	9.28	83	17828	4.111	ug/L # 19
42) cis-1,3-Dichloropropene	10.04	75	1822	0.486	ug/L # 75

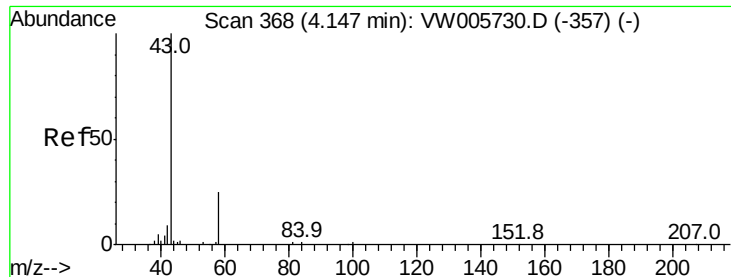
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Oct 02 05:44:23 2018
Response via : Initial Calibration





#13

Acetone

Concen: 17.757 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW005748.D

Acq: 01 Oct 2018 20:46

Instrument :

MSVOA_W

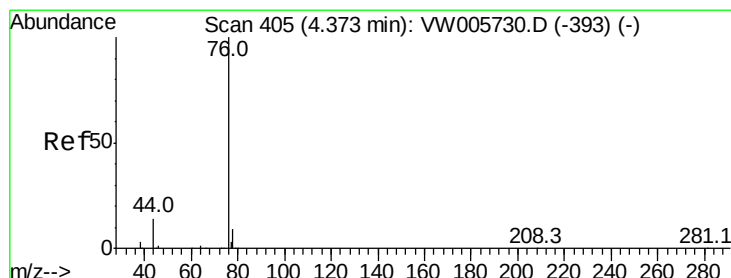
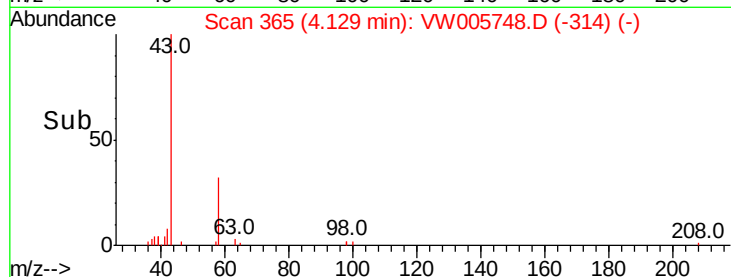
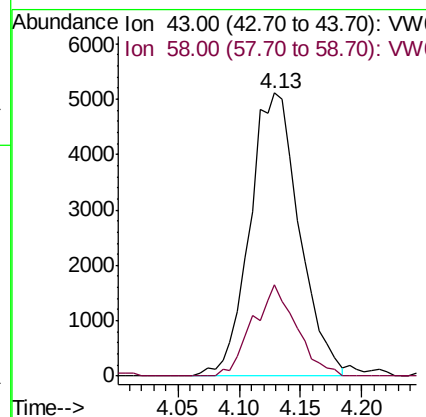
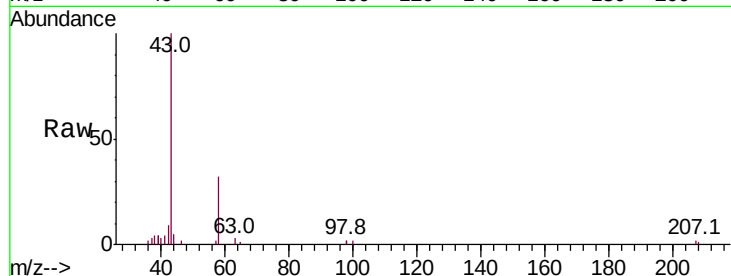
ClientSampleId :

Tot Ion: 43 Resp: 14400

Ion Ratio Lower Upper

43 100

58 28.6 0.0 31.8



#14

Carbon disulfide

Concen: 0.333 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW005748.D

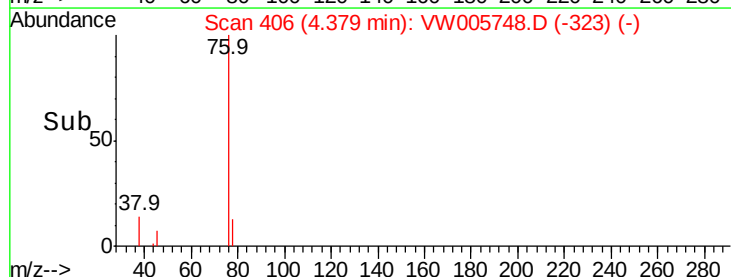
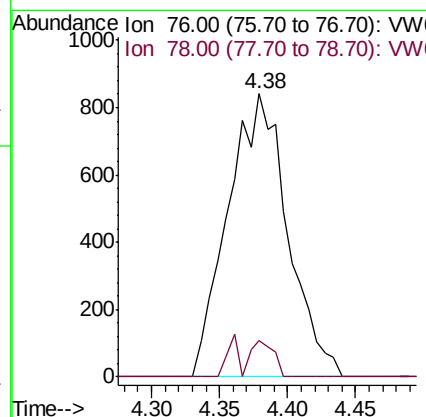
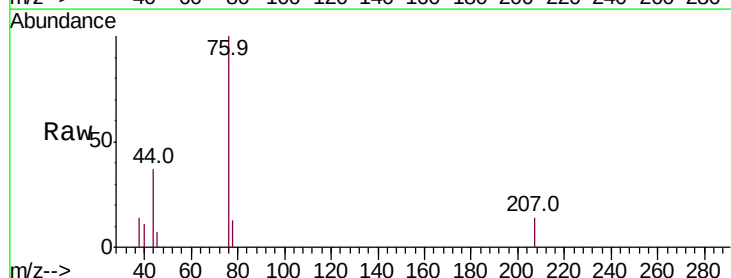
Acq: 01 Oct 2018 20:46

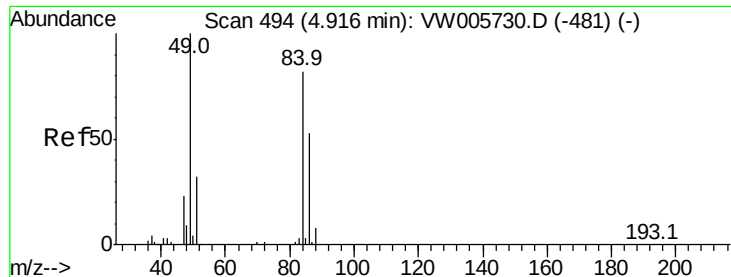
Tgt Ion: 76 Resp: 2582

Ion Ratio Lower Upper

76 100

78 13.0 7.1 10.7#

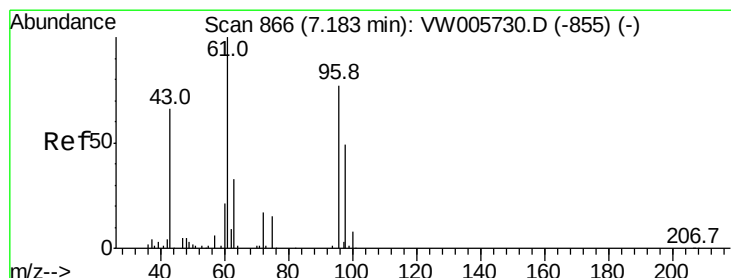
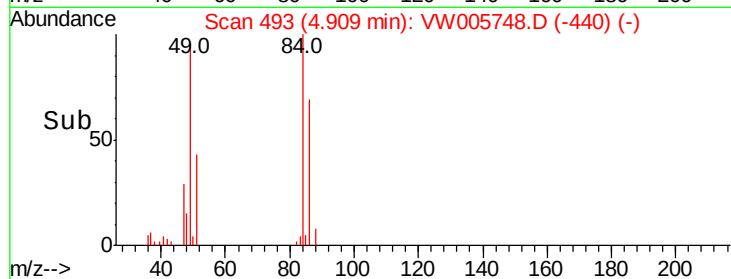
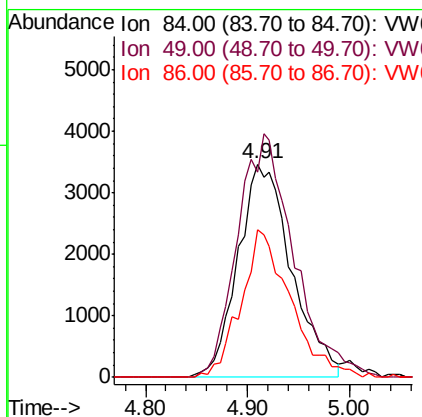
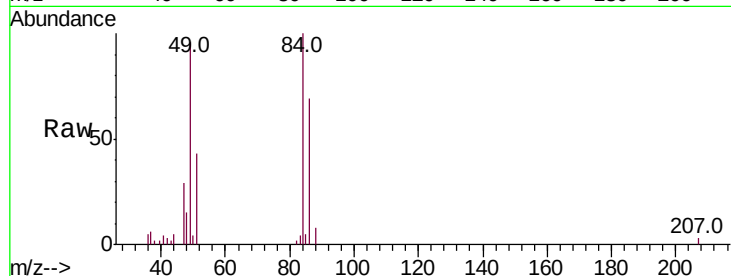




#16
Methylene chloride
Concen: 4.026 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005748.D
Acq: 01 Oct 2018 20:46

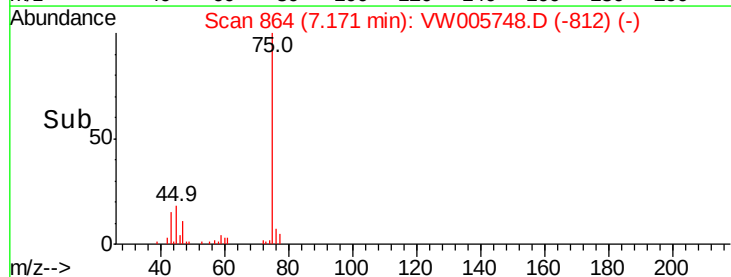
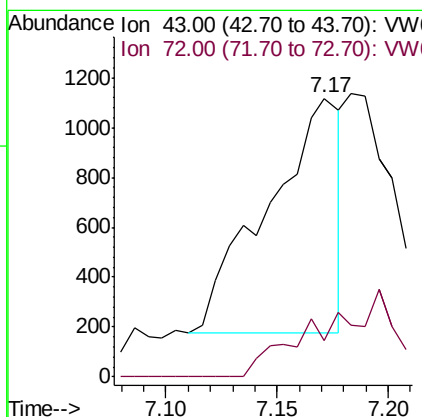
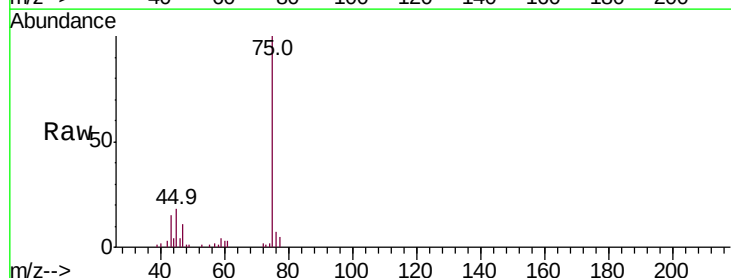
Instrument :
MSVOA_W
ClientSampled :

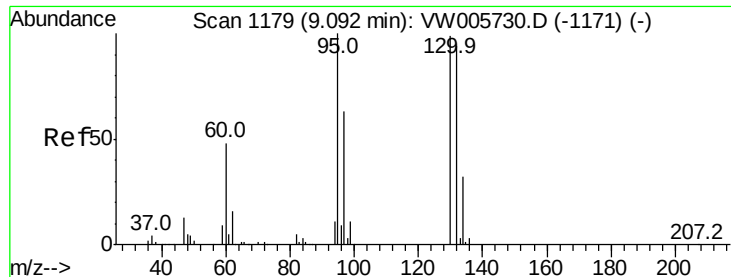
Tot Ion: 84 Resp: 12632
Ion Ratio Lower Upper
84 100
49 96.4 87.2 162.0
86 69.4 43.2 80.2



#21
2-Butanone
Concen: 2.216 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005748.D
Acq: 01 Oct 2018 20:46

Tgt Ion: 43 Resp: 2152
Ion Ratio Lower Upper
43 100
72 17.8 13.2 39.6





#35

Trichloroethene

Concen: 2.371 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW005748.D

Acq: 01 Oct 2018 20:46

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 5912

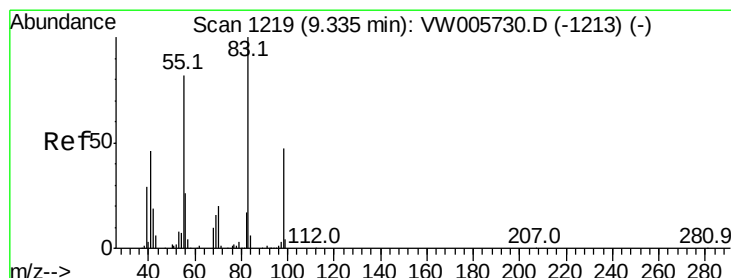
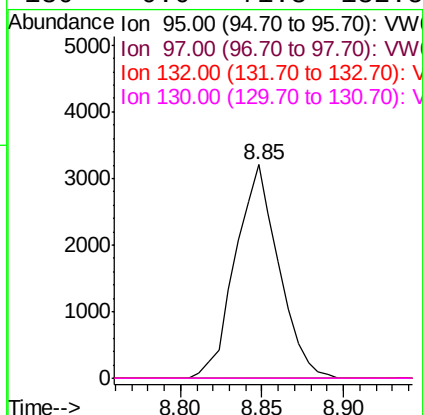
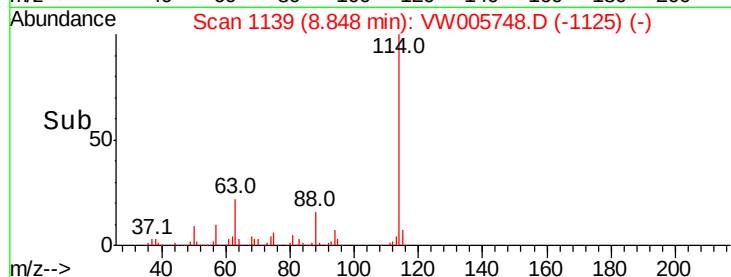
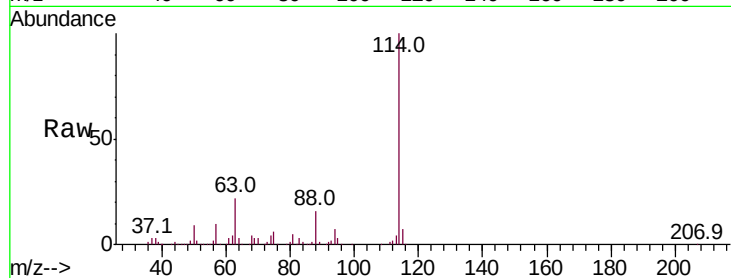
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#



#36

Methylcyclohexane

Concen: 4.111 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW005748.D

Acq: 01 Oct 2018 20:46

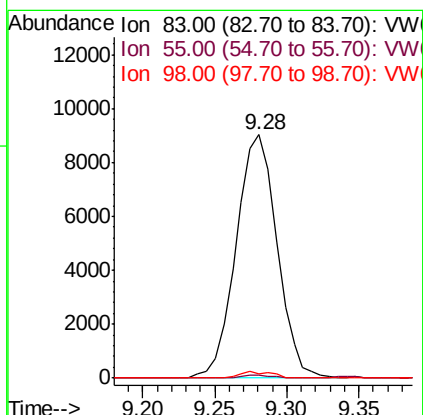
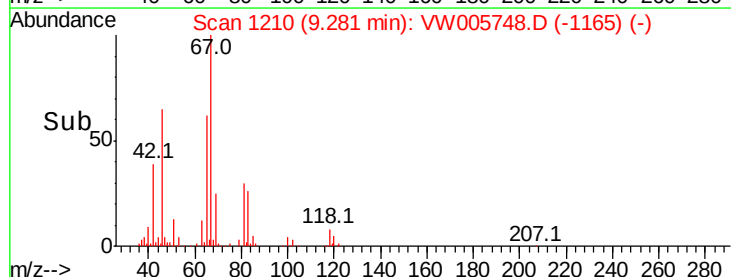
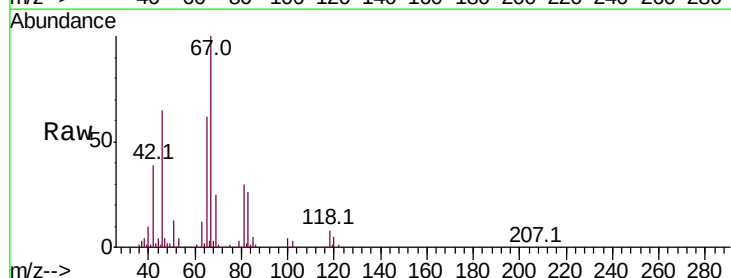
Tgt Ion: 83 Resp: 17828

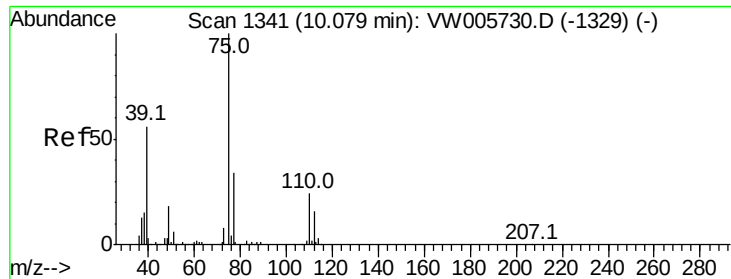
Ion Ratio Lower Upper

83 100

55 0.8 62.5 93.7#

98 1.2 37.7 56.5#





#42

cis-1,3-Dichloropropene

Concen: 0.486 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW005748.D

Acq: 01 Oct 2018 20:46

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 1822

Ion Ratio Lower Upper

75 100

77 45.5 22.3 41.3#

