

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005743.D
 Acq On : 01 Oct 2018 18:37
 Operator : SY/AP
 Sample : J5180-12
 Misc : 4.03G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 05:45:59 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	54067	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	54319	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	24472	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	11783	17.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.40%
7) Chloroethane-d5	2.89	69	10910	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.16%
10) 1,1-Dichloroethene-d2	4.00	63	19017	12.64	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.56%
20) 2-Butanone-d5	7.09	46	19860	89.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	179.50%#
24) Chloroform-d	7.65	84	34763	25.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.12%
26) 1,2-Dichloroethane-d4	8.30	65	25503	30.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.28%
29) Benzene-d6	8.28	84	55883	20.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.12%
33) 1,2-Dichloropropane-d6	9.27	67	20525	26.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.64%
37) Toluene-d8	10.33	98	47562	17.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.68%
38) trans-1,3-Dichloropropene-	10.59	79	9356	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.68%
39) 2-Hexanone-d5	10.93	63	12039	66.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.30%
48) 1,1,1,2,2-Tetrachloroethane-	12.70	84	25651	33.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.92%#
61) 1,2-Dichlorobenzene-d4	13.86	152	21666	25.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.08%

Target Compounds

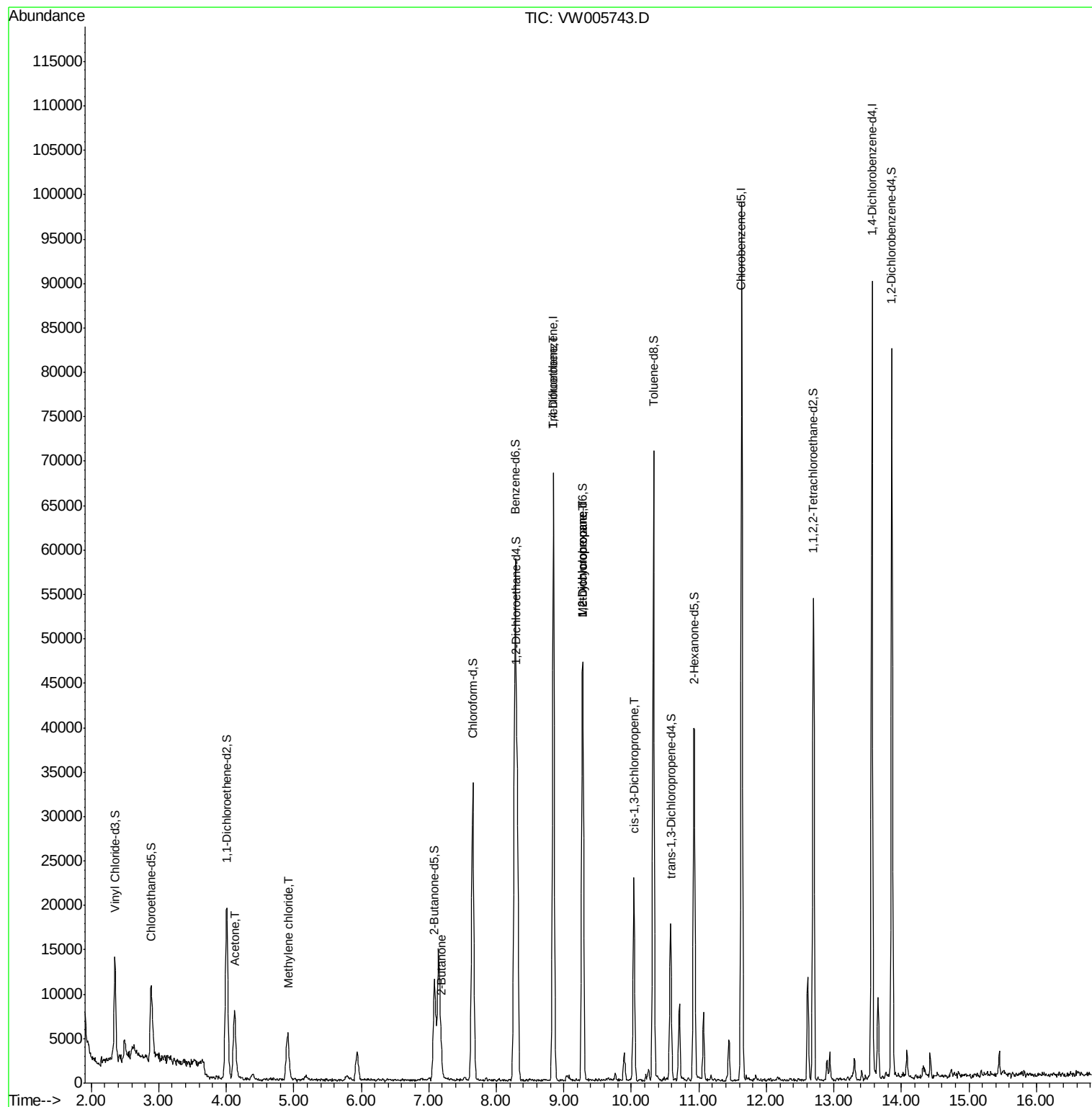
					Ovalue
13) Acetone	4.13	43	14050	60.974 ug/L	96
16) Methylene chloride	4.92	84	3876	4.348 ug/L	95
21) 2-Butanone	7.19	43	1474	5.341 ug/L #	58
35) Trichloroethene	8.85	95	1691	2.059 ug/L #	5
36) Methylcyclohexane	9.28	83	5110	3.579 ug/L #	19
40) 1,2-Dichloropropane	9.28	63	2657	3.552 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	614	0.497 ug/L #	82

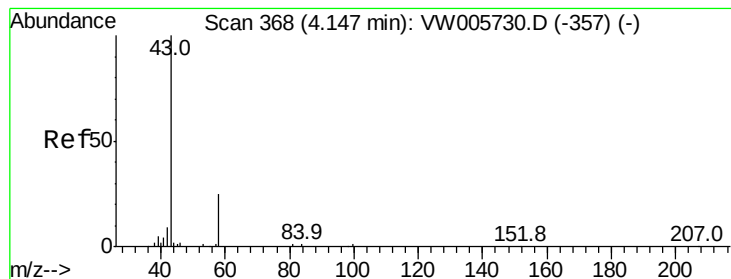
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 60.974 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW005743.D

Acq: 01 Oct 2018 18:37

Instrument :

MSVOA_W

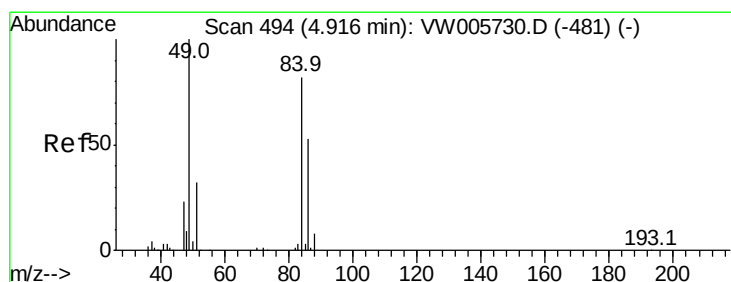
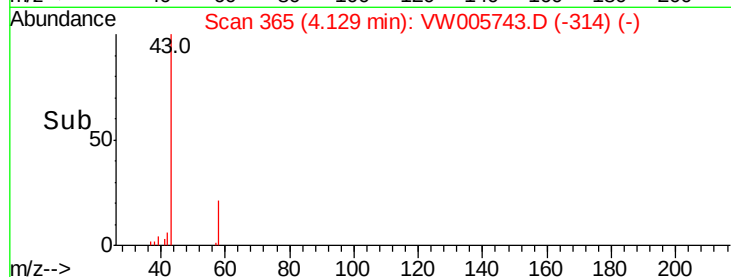
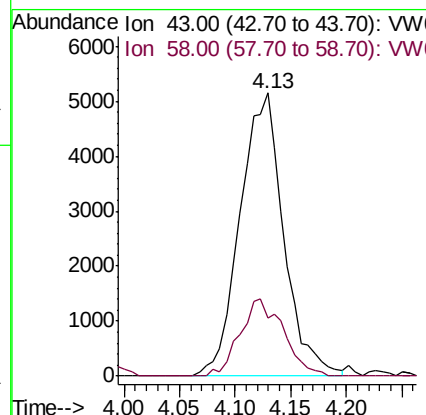
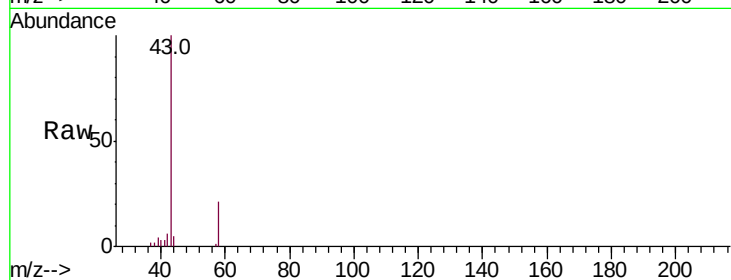
ClientSampleId :

Tot Ion: 43 Resp: 14050

Ion Ratio Lower Upper

43 100

58 17.4 0.0 31.8



#16

Methylene chloride

Concen: 4.348 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW005743.D

Acq: 01 Oct 2018 18:37

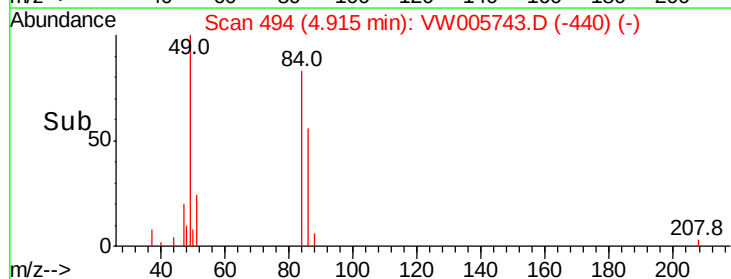
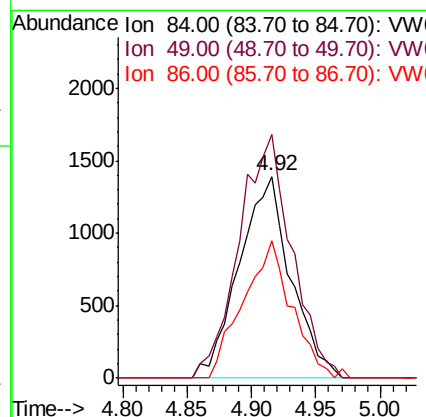
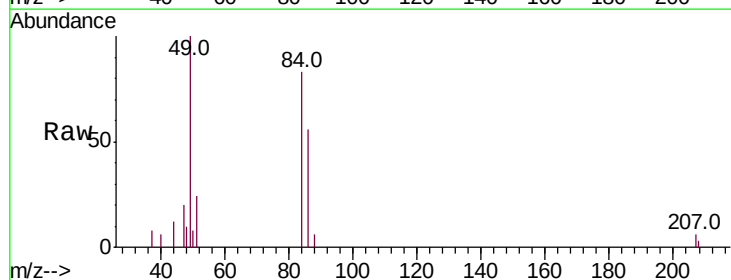
Tgt Ion: 84 Resp: 3876

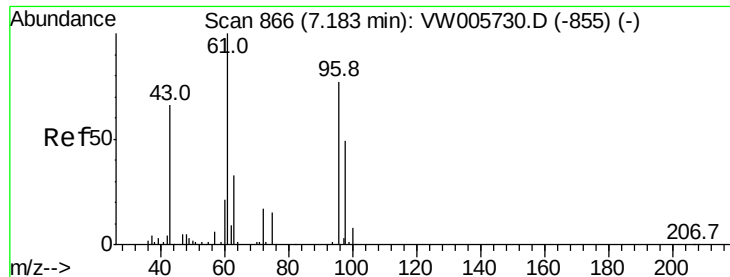
Ion Ratio Lower Upper

84 100

49 120.8 87.2 162.0

86 68.0 43.2 80.2





#21

2-Butanone

Concen: 5.341 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005743.D

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Instrument :

MSVOA_W

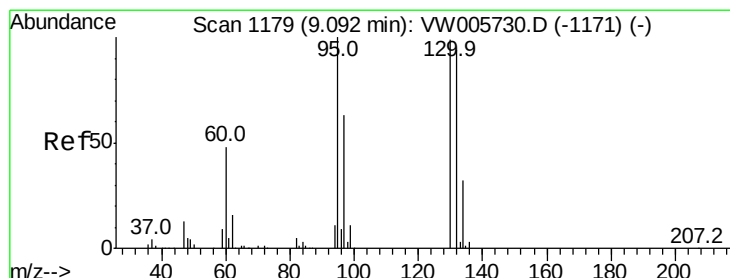
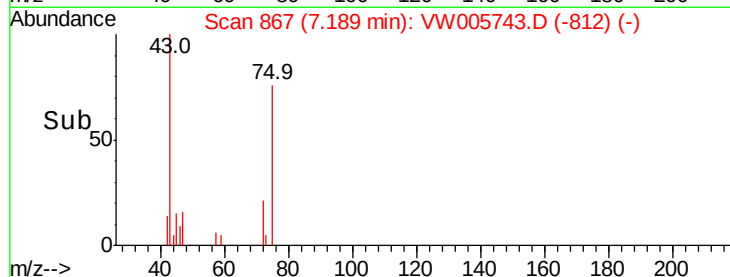
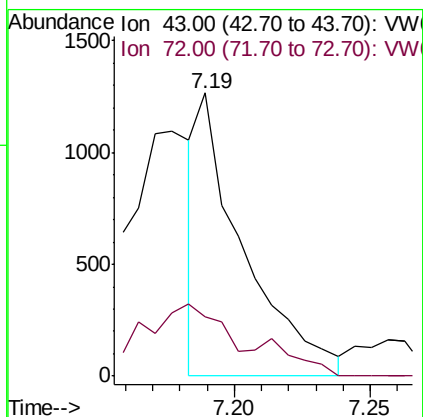
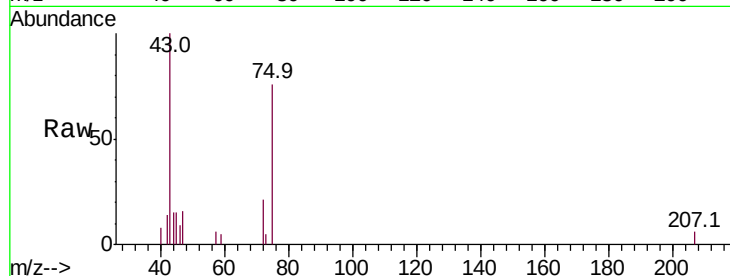
ClientSampled :

Tot Ion: 43 Resp: 1474

Ion Ratio Lower Upper

43 100

72 47.7 13.2 39.6#



#35

Trichloroethene

Concen: 2.059 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW005743.D

Acq: 01 Oct 2018 18:37

Tgt Ion: 95 Resp: 1691

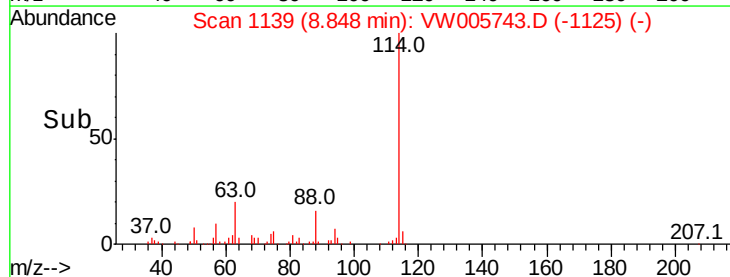
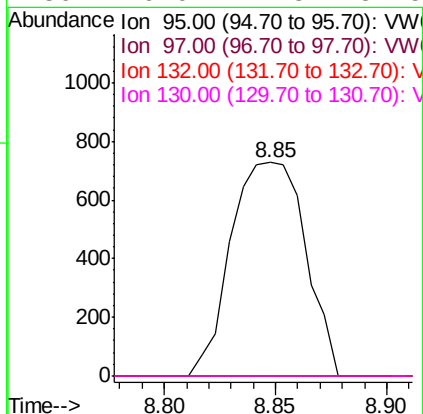
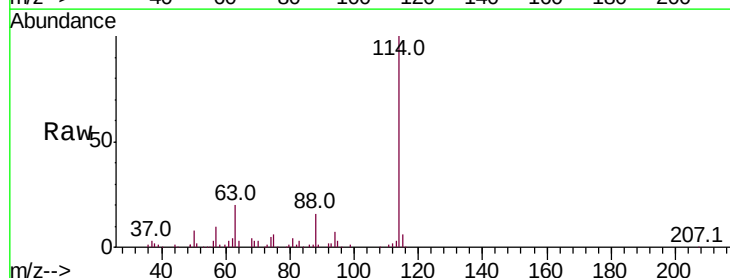
Ion Ratio Lower Upper

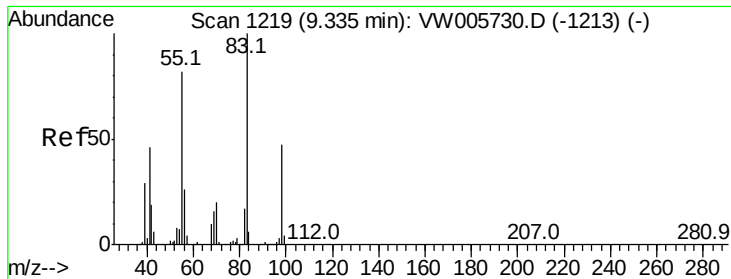
95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#

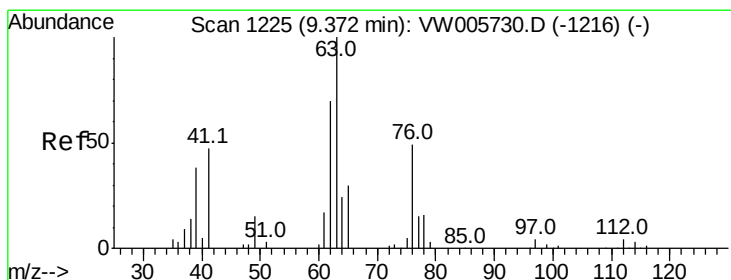
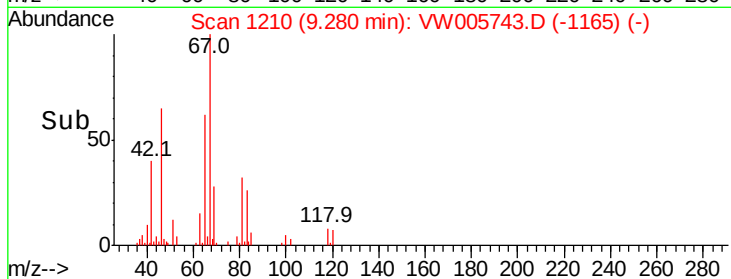
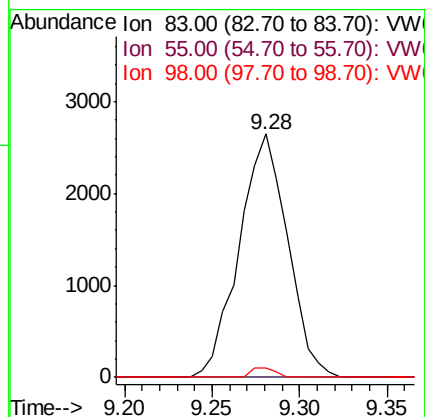
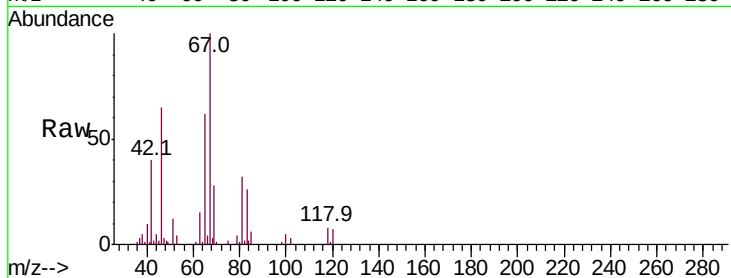




#36
Methylcyclohexane
Concen: 3.579 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW005743.D
Acq: 01 Oct 2018 18:37

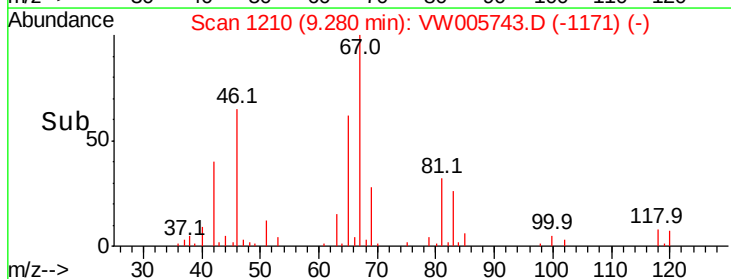
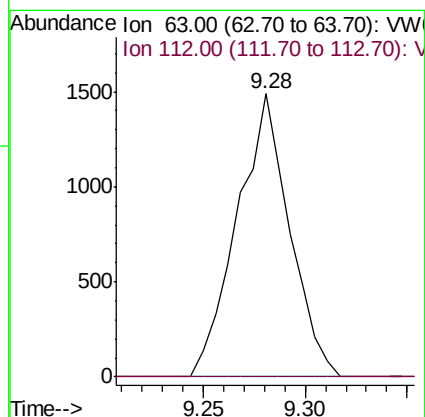
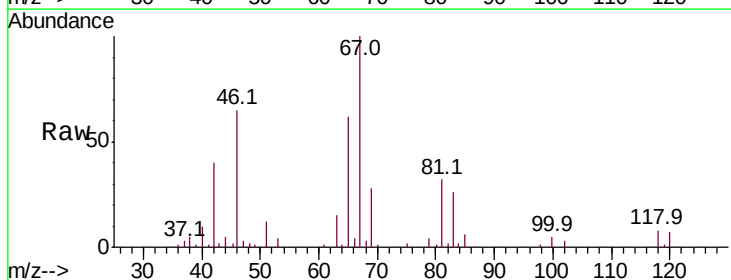
Instrument :
MSVOA_W
ClientSampled :

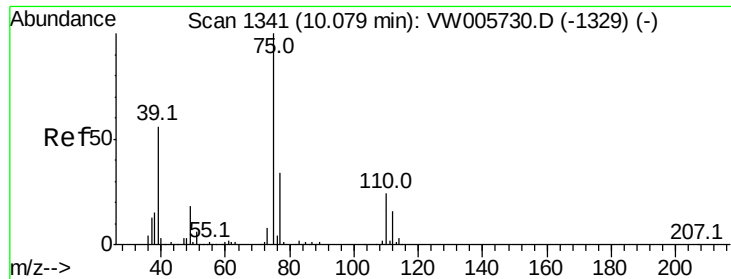
Tot Ion: 83 Resp: 5110
Ion Ratio Lower Upper
83 100
55 0.0 62.5 93.7#
98 1.9 37.7 56.5#



#40
1,2-Dichloropropane
Concen: 3.552 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW005743.D
Acq: 01 Oct 2018 18:37

Tgt Ion: 63 Resp: 2657
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#42

cis-1,3-Dichloropropene

Concen: 0.497 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW005743.D

Acq: 01 Oct 2018 18:37

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 614

Ion Ratio Lower Upper

75 100

77 41.5 22.3 41.3#

