

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005751.D
 Acq On : 01 Oct 2018 23:21
 Operator : SY/AP
 Sample : J5180-18
 Misc : 3.12G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 07:20:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 07:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	142258	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	149752	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	67238	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	21942	12.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.40%
7) Chloroethane-d5	2.89	69	21453	15.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.64%
10) 1,1-Dichloroethene-d2	4.01	63	42772	10.80	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.20%#
20) 2-Butanone-d5	7.09	46	31481	54.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.14%
24) Chloroform-d	7.65	84	85190	23.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.24%
26) 1,2-Dichloroethane-d4	8.31	65	58892	26.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.44%
29) Benzene-d6	8.27	84	138318	18.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.64%
33) 1,2-Dichloropropane-d6	9.28	67	49485	23.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.36%
37) Toluene-d8	10.33	98	120831	16.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.04%
38) trans-1,3-Dichloropropene-	10.58	79	21942	19.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.00%
39) 2-Hexanone-d5	10.93	63	21917	43.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	52957	25.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	53927	22.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.68%

Target Compounds

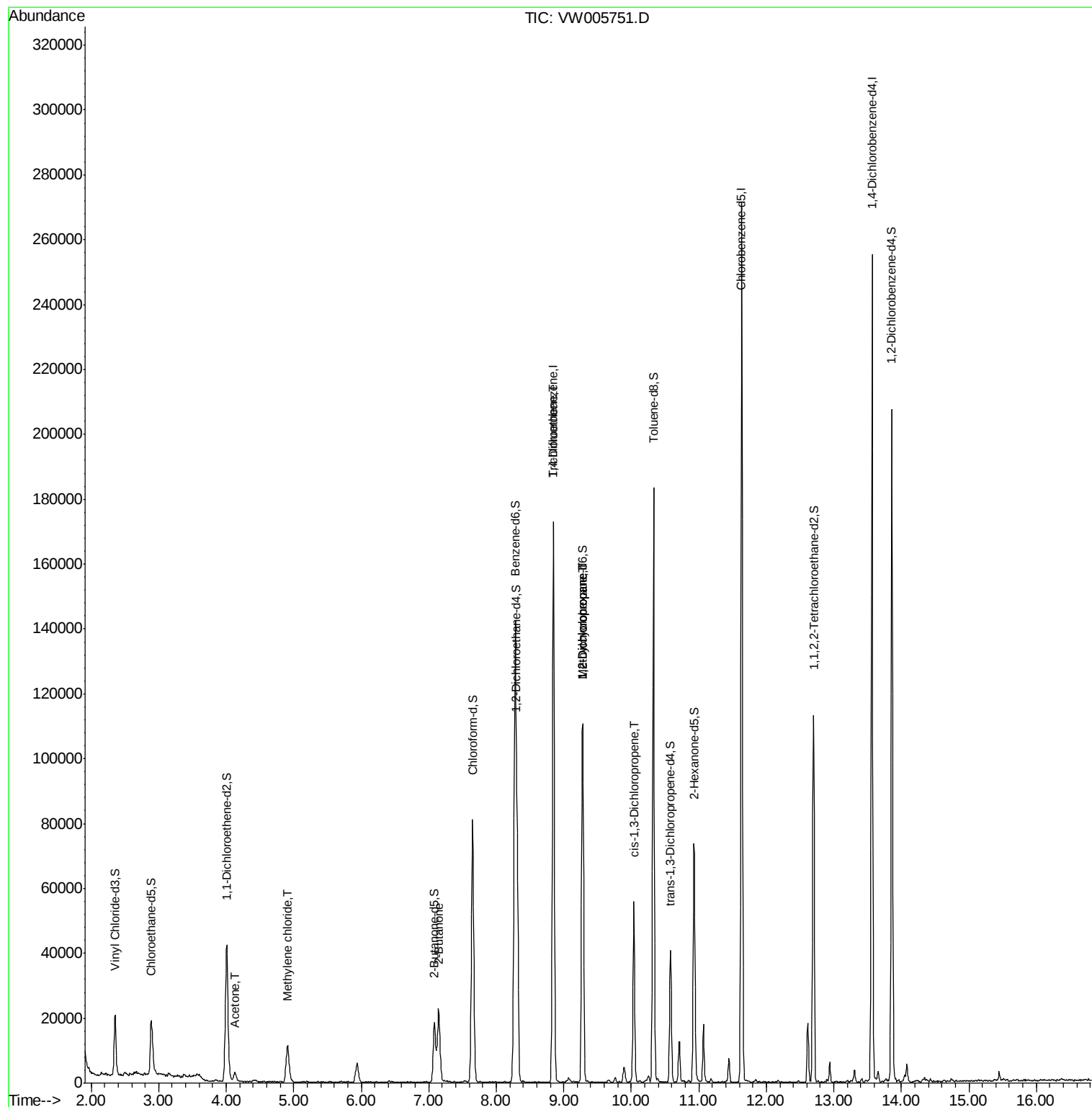
					Ovalue
13) Acetone	4.12	43	4786	7.894 ug/L	97
16) Methylene chloride	4.90	84	8297	3.537 ug/L	93
21) 2-Butanone	7.15	43	2832	3.900 ug/L #	61
35) Trichloroethene	8.85	95	4650	2.054 ug/L #	5
36) Methylcyclohexane	9.28	83	12731	3.234 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	6272	3.042 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	1484	0.436 ug/L	86

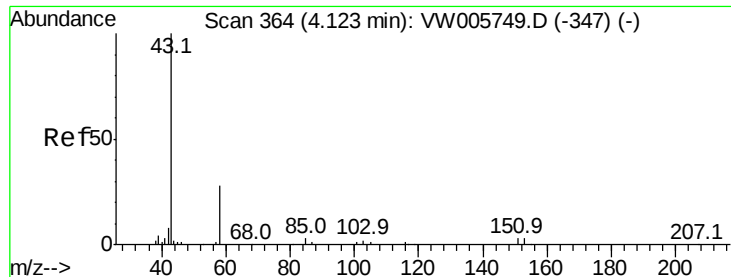
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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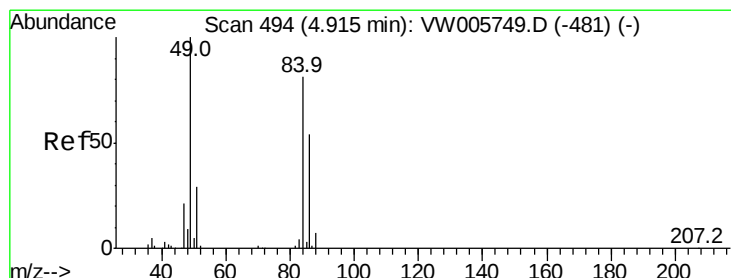
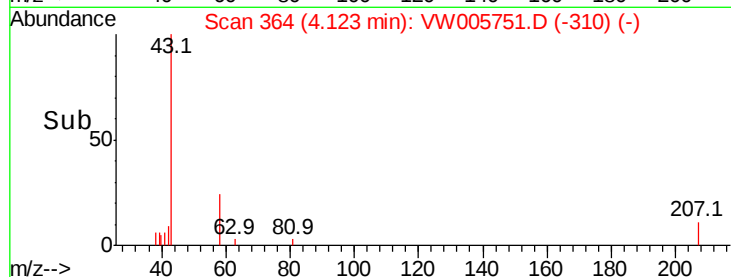
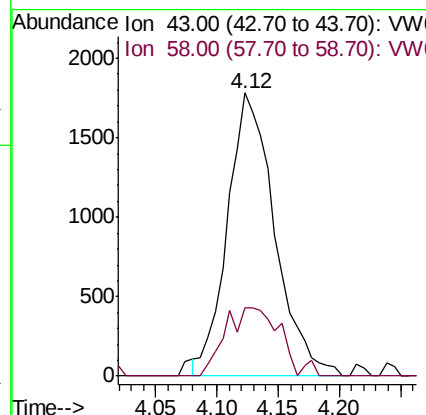
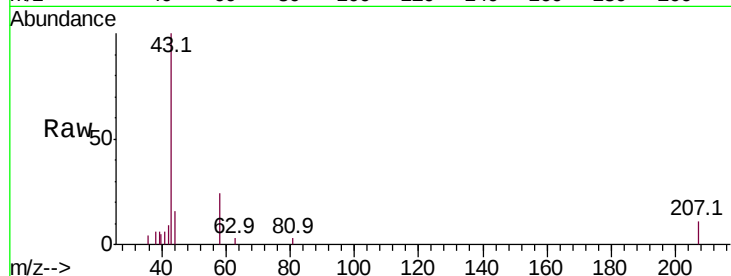




#13
Acetone
Concen: 7.894 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW005751.D
Acq: 01 Oct 2018 23:21

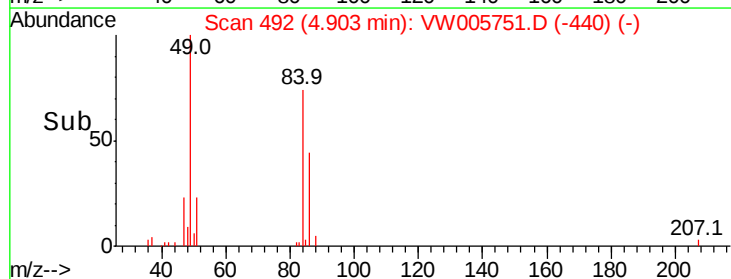
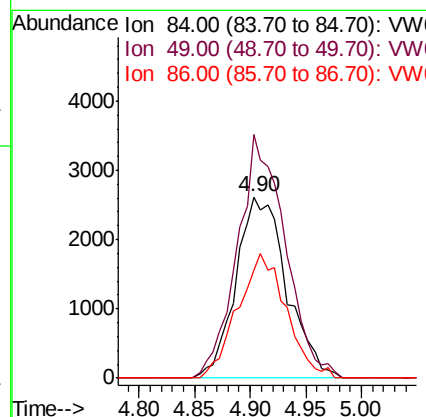
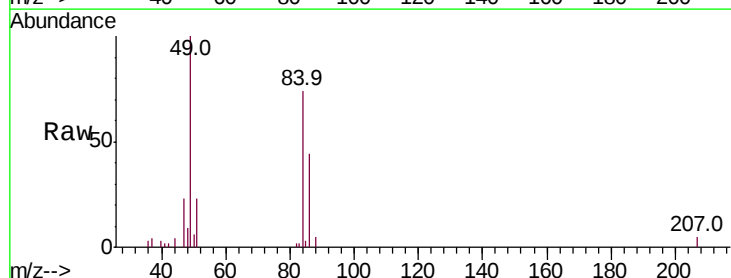
Instrument :
MSVOA_W
ClientSampleId :

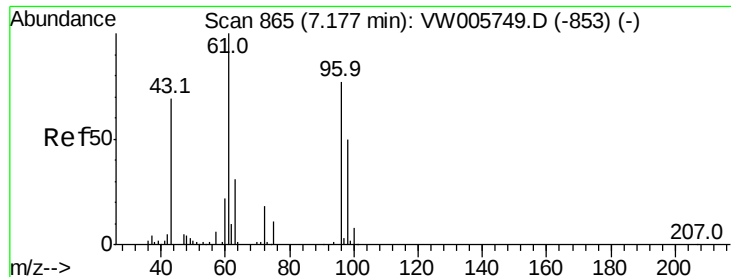
Tot Ion: 43 Resp: 4786
Ion Ratio Lower Upper
43 100
58 14.6 0.0 31.8



#16
Methylene chloride
Concen: 3.537 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW005751.D
Acq: 01 Oct 2018 23:21

Tgt Ion: 84 Resp: 8297
Ion Ratio Lower Upper
84 100
49 134.4 87.2 162.0
86 59.7 43.2 80.2





#21

2-Butanone

Concen: 3.900 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW005751.D

Acq: 01 Oct 2018 23:21

Instrument :

MSVOA_W

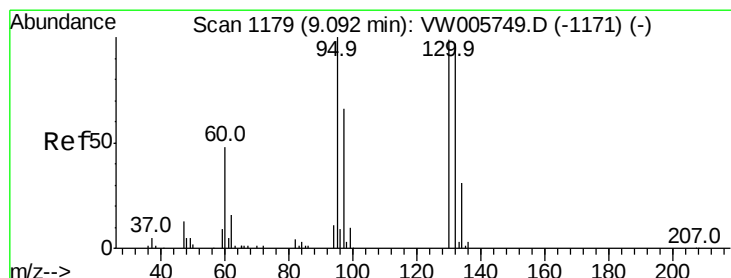
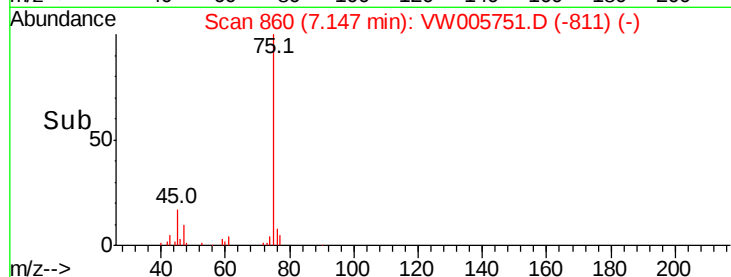
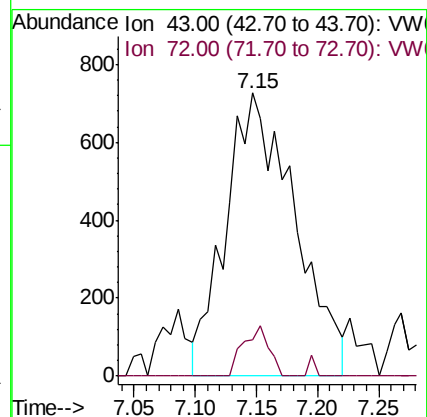
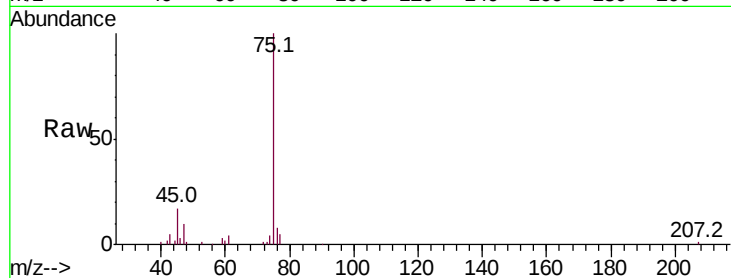
ClientSampled :

Tot Ion: 43 Resp: 2832

Ion Ratio Lower Upper

43 100

72 6.6 13.2 39.6#



#35

Trichloroethene

Concen: 2.054 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW005751.D

Acq: 01 Oct 2018 23:21

Tgt Ion: 95 Resp: 4650

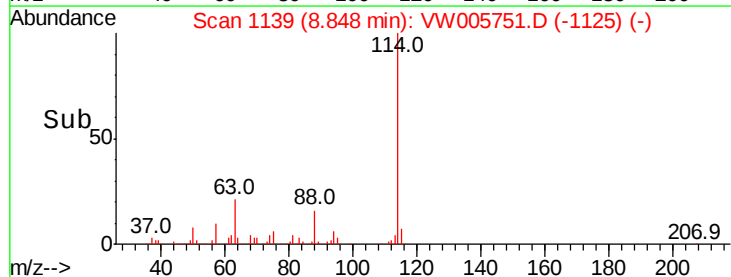
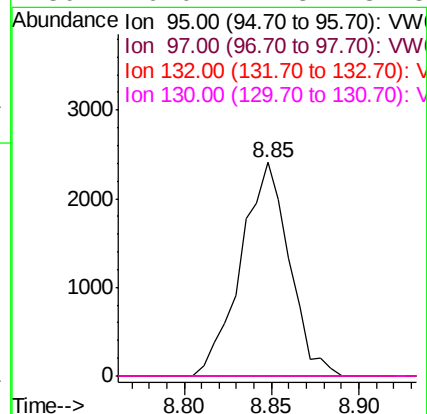
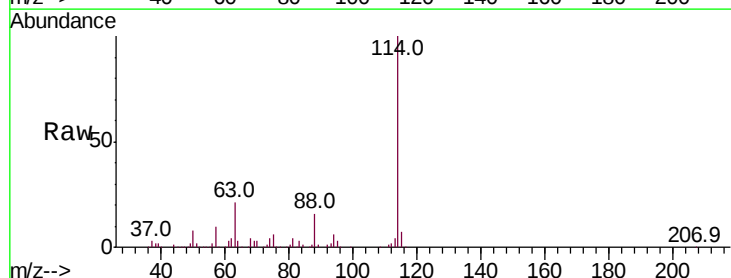
Ion Ratio Lower Upper

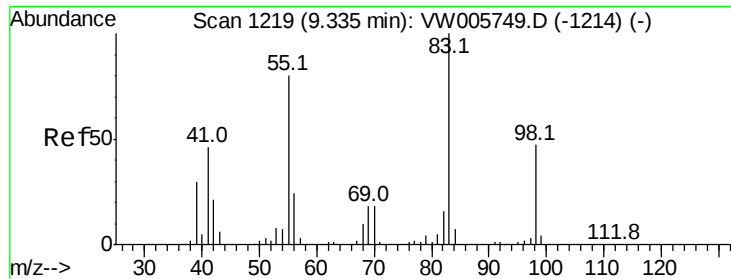
95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#

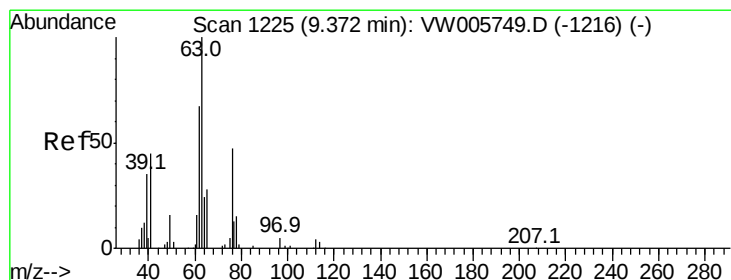
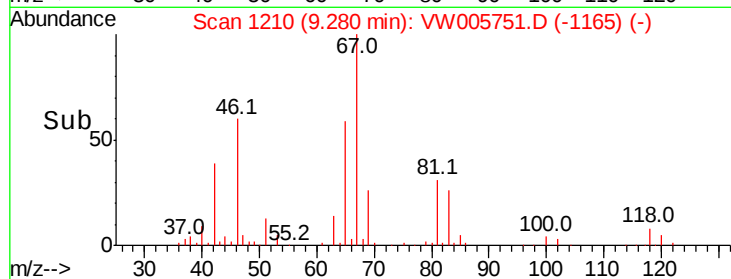
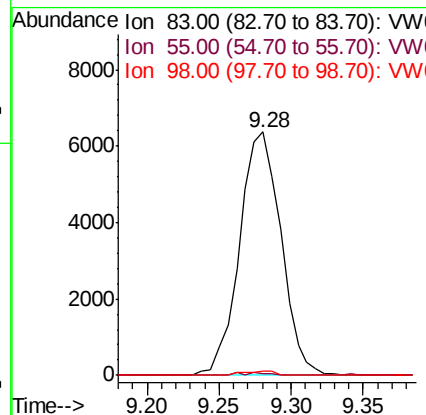
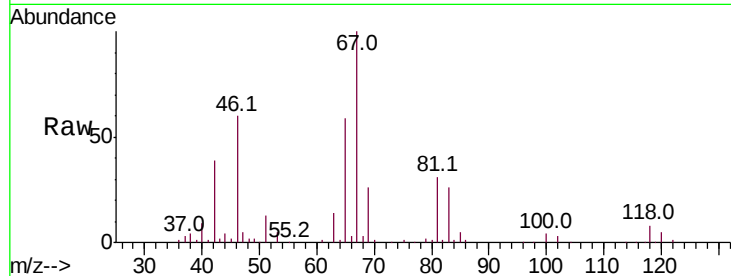




#36
Methvlcvclohexane
Concen: 3.234 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW005751.D
Acq: 01 Oct 2018 23:21

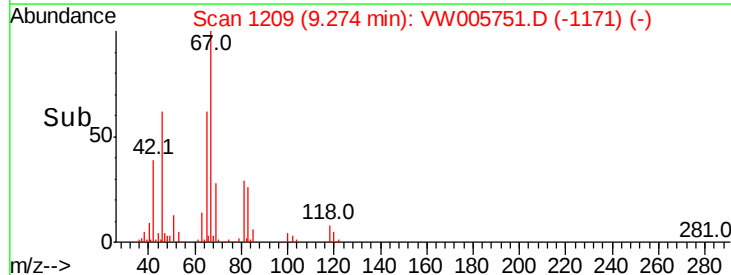
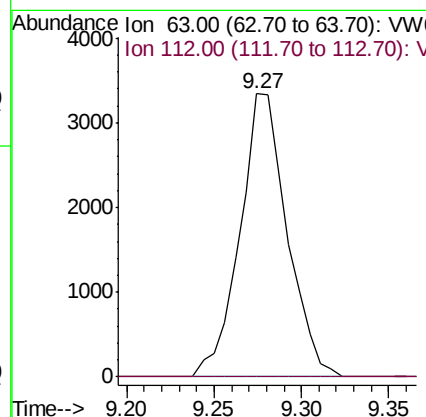
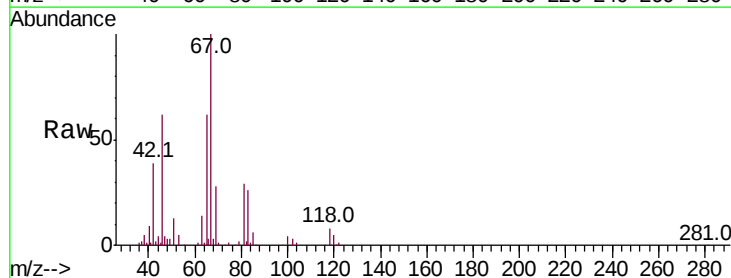
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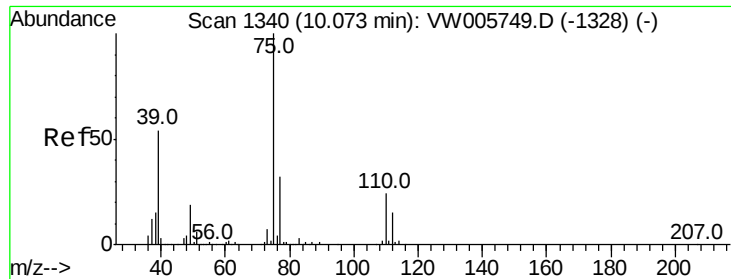
Tot Ion: 83 Resp: 12731
Ion Ratio Lower Upper
83 100
55 0.5 62.5 93.7#
98 1.4 37.7 56.5#



#40
1,2-Dichloropropane
Concen: 3.042 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW005751.D
Acq: 01 Oct 2018 23:21

Tgt Ion: 63 Resp: 6272
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#42

cis-1,3-Dichloropropene

Concen: 0.436 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW005751.D

Acq: 01 Oct 2018 23:21

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 1484

Ion Ratio Lower Upper

75 100

77 39.8 22.3 41.3

