

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100318\
 Data File : VW005812.D
 Acq On : 03 Oct 2018 14:12
 Operator : SY/AP
 Sample : J5080-16
 Misc : 4.53G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 05:17:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 04 05:16:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	138647	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	127979	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	33949	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	24677	13.96	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.84%
7) Chloroethane-d5	2.89	69	22561	16.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.44%
10) 1,1-Dichloroethene-d2	4.01	63	44102	11.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.72%
20) 2-Butanone-d5	7.09	46	17878	31.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.02%
24) Chloroform-d	7.65	84	75172	21.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	8.31	65	43639	20.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.92%
29) Benzene-d6	8.28	84	117943	18.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.48%
33) 1,2-Dichloropropane-d6	9.28	67	38284	20.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.64%
37) Toluene-d8	10.33	98	102021	16.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.24%
38) trans-1,3-Dichloropropene-	10.59	79	16144	16.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.16%
39) 2-Hexanone-d5	10.93	63	12870	30.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.02%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	29289	16.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	22884	19.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.20%

Target Compounds

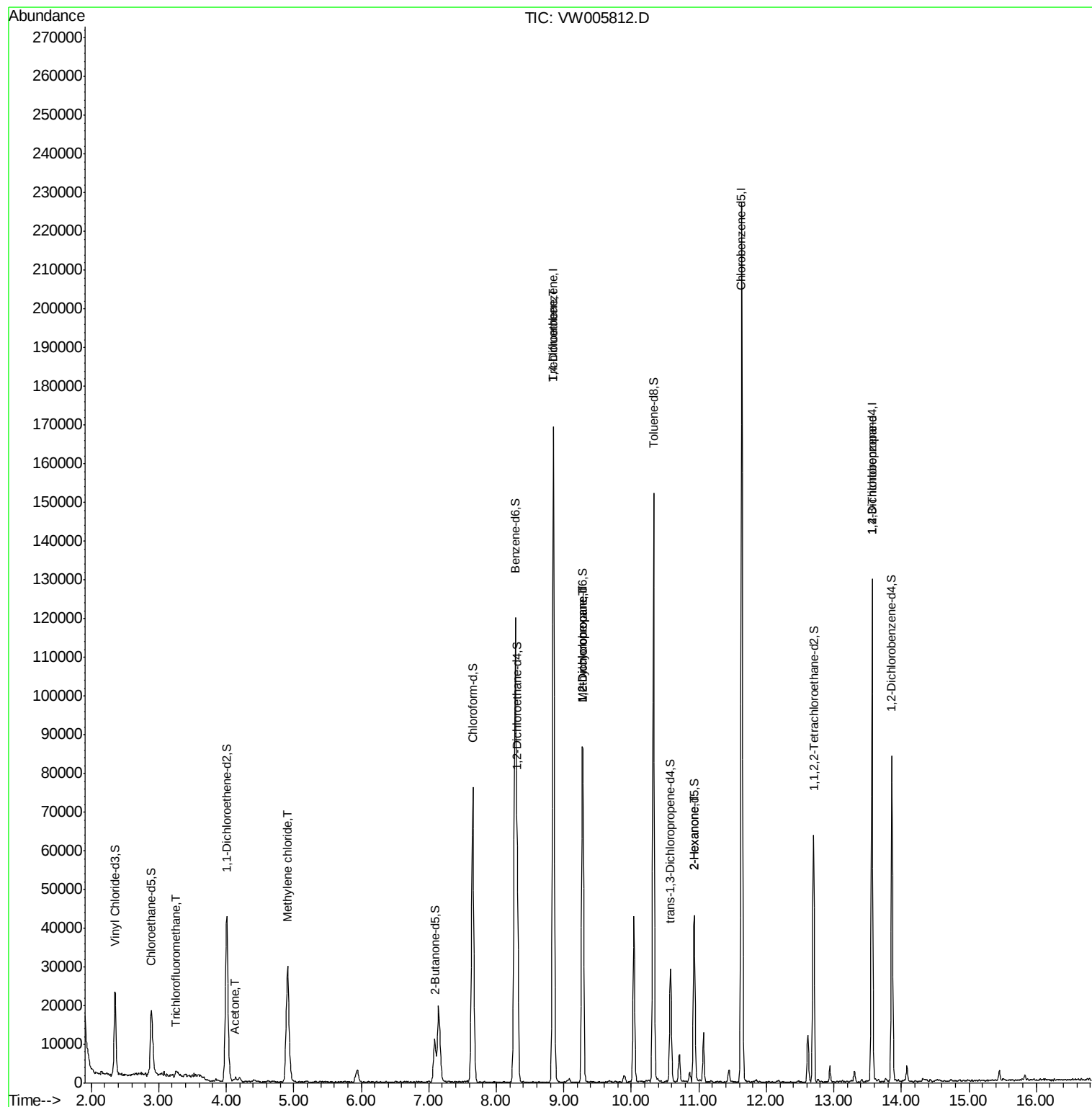
					Ovalue
9) Trichlorofluoromethane	3.25	101	968	0.580 ug/L	86
13) Acetone	4.13	43	825	1.396 ug/L	85
16) Methylene chloride	4.92	84	21956	9.604 ug/L	91
35) Trichloroethene	8.85	95	4486	2.319 ug/L #	5
36) Methylcyclohexane	9.28	83	10190	3.029 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	4934	2.800 ug/L #	87
49) 2-Hexanone	10.93	43	2329	2.307 ug/L #	68
59) 1,2,3-Trichloropropane	13.57	75	3508	2.304 ug/L	94

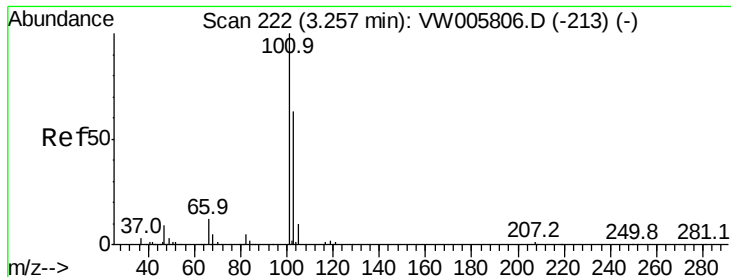
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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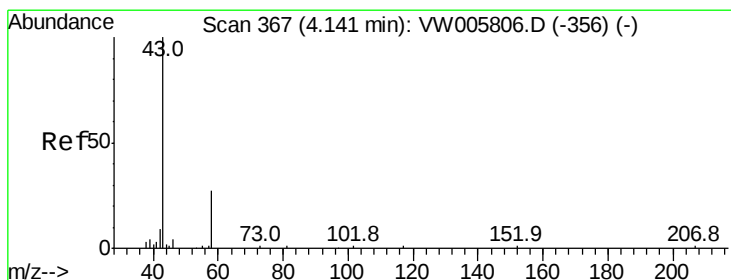
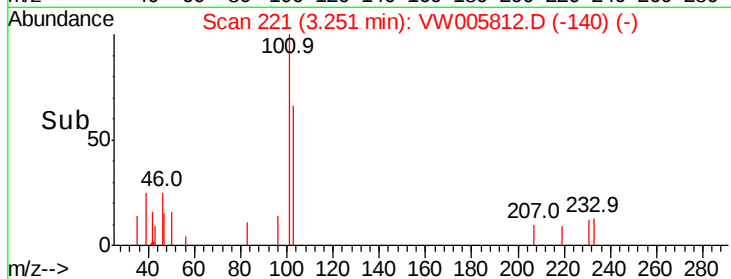
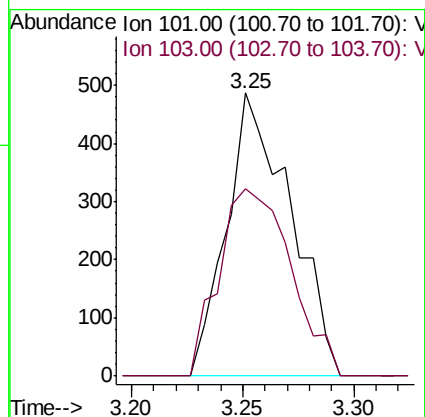
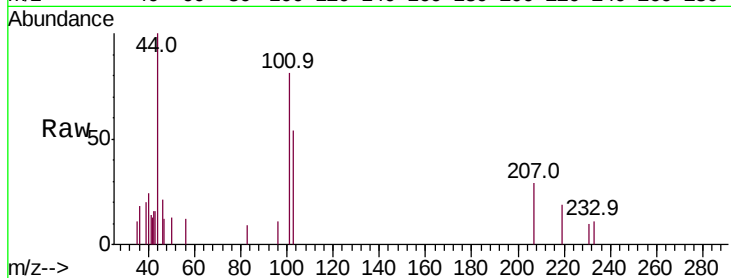


#9

Trichlorofluoromethane
 Concen: 0.580 ug/L
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW005812.D
 Acq: 03 Oct 2018 14:12

Instrument :
 MSVOA_W
 ClientSampled :

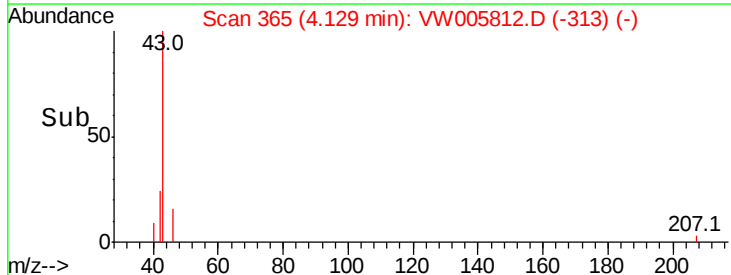
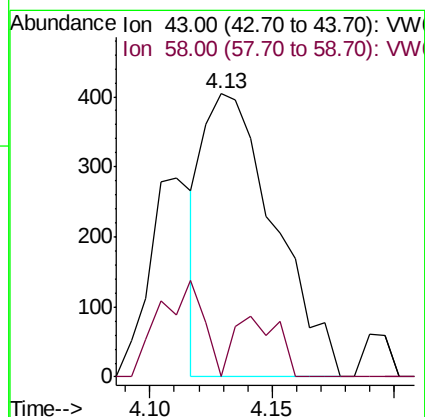
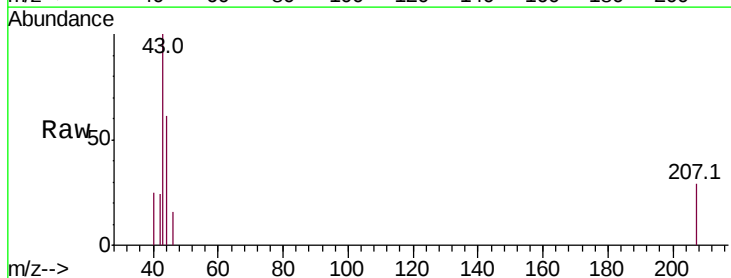
Tot Ion:101 Resp: 968
 Ion Ratio Lower Upper
 101 100
 103 74.8 44.9 83.5

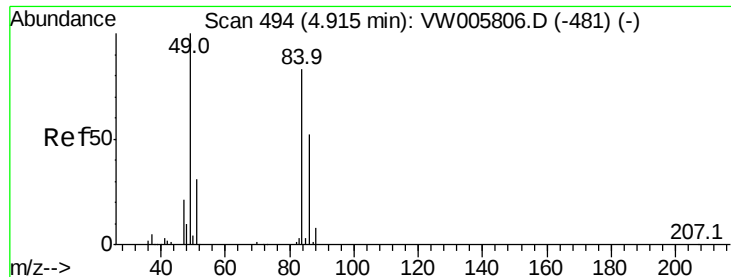


#13

Acetone
 Concen: 1.396 ug/L
 RT: 4.13 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VW005812.D
 Acq: 03 Oct 2018 14:12

Tgt Ion: 43 Resp: 825
 Ion Ratio Lower Upper
 43 100
 58 9.7 0.0 31.8

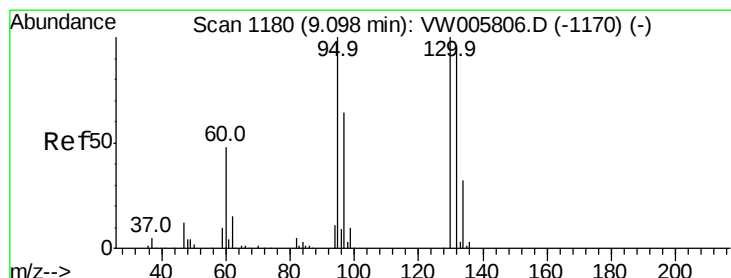
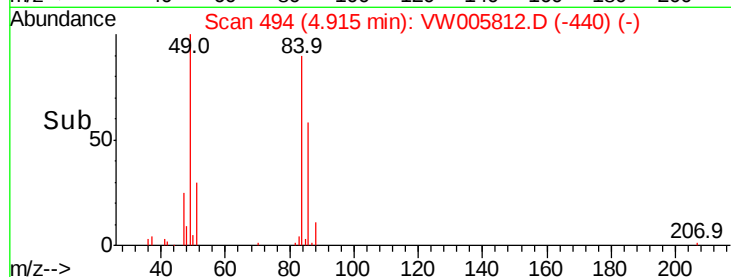
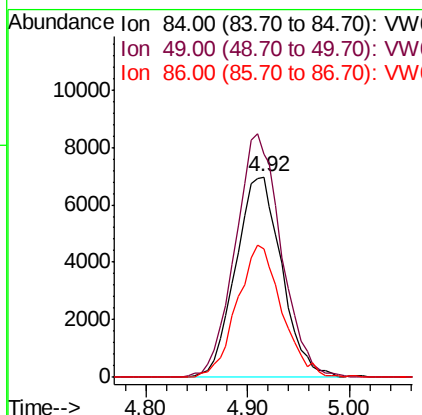
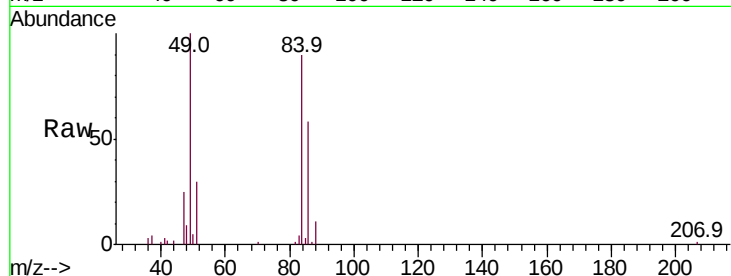




#16
Methvlene chloride
Concen: 9.604 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW005812.D
Acq: 03 Oct 2018 14:12

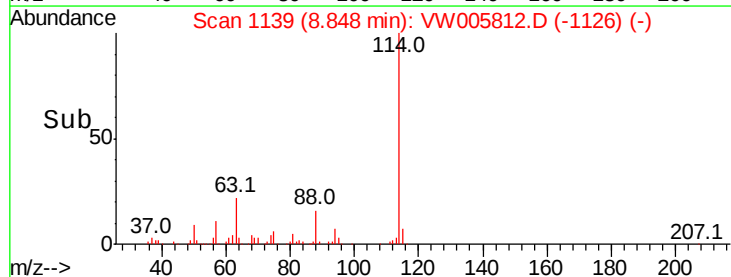
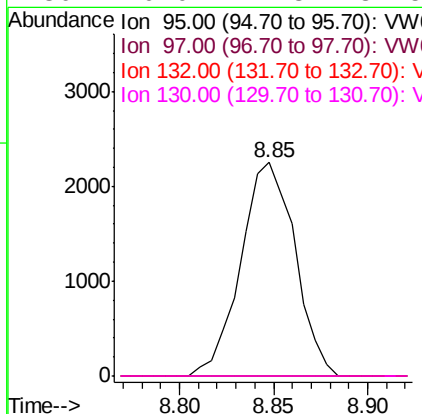
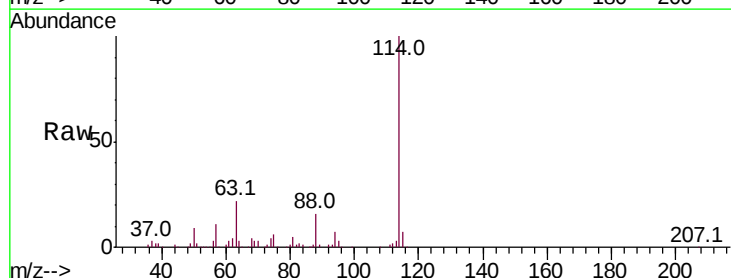
Instrument :
MSVOA_W
ClientSampled :

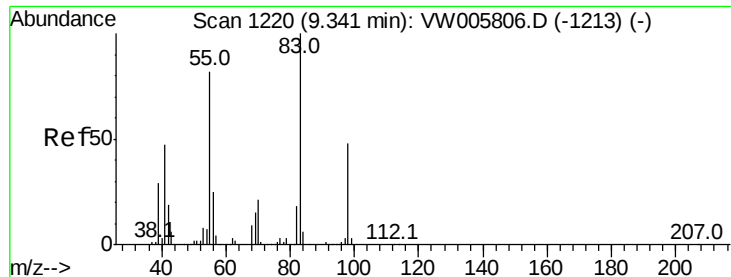
Tot Ion: 84 Resp: 21956
Ion Ratio Lower Upper
84 100
49 111.6 87.2 162.0
86 64.4 43.2 80.2



#35
Trichloroethene
Concen: 2.319 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.25 min
Lab File: VW005812.D
Acq: 03 Oct 2018 14:12

Tgt Ion: 95 Resp: 4486
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#

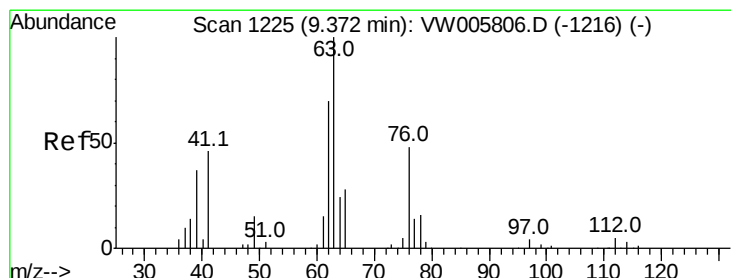
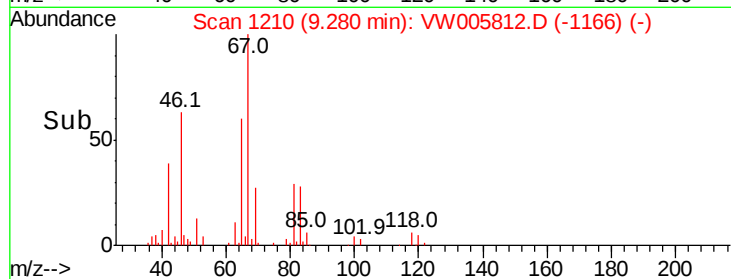
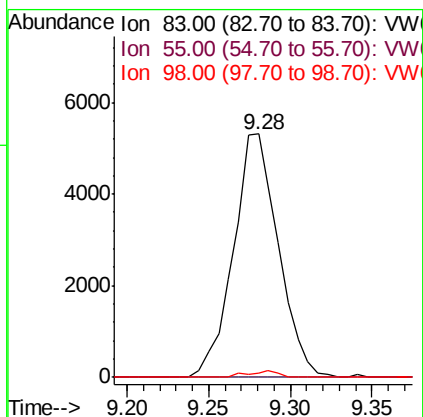
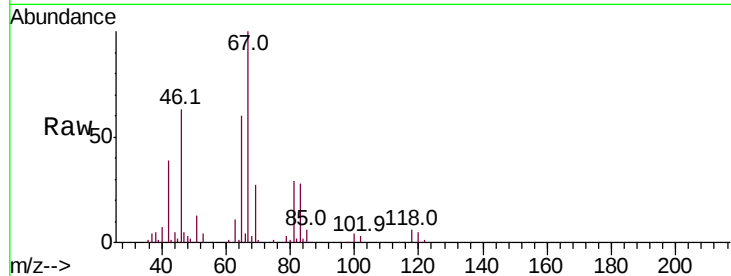




#36
Methvlcvclohexane
Concen: 3.029 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW005812.D
Acq: 03 Oct 2018 14:12

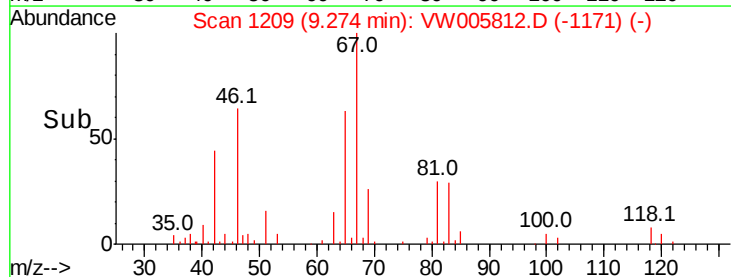
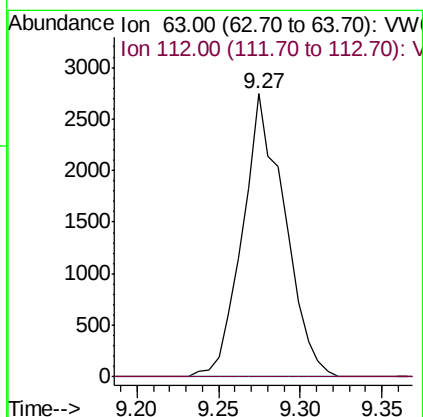
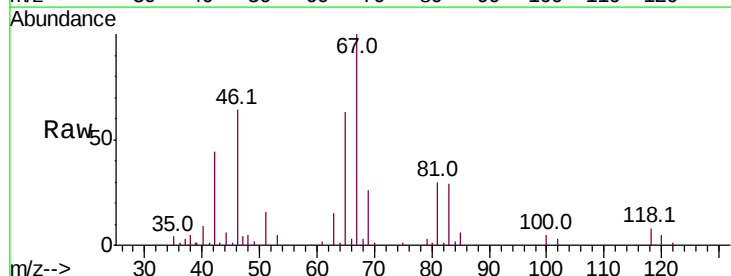
Instrument :
MSVOA_W
ClientSampled :

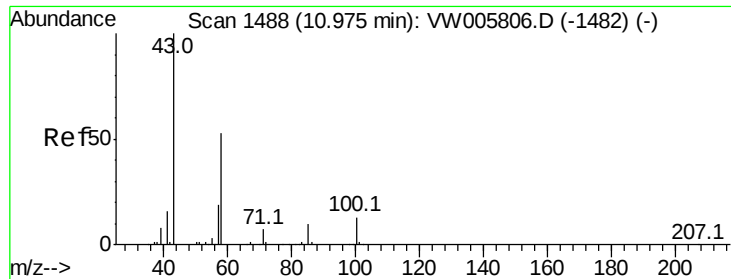
Tot Ion: 83 Resp: 10190
Ion Ratio Lower Upper
83 100
55 0.0 62.5 93.7#
98 1.2 37.7 56.5#



#40
1,2-Dichloropropane
Concen: 2.800 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW005812.D
Acq: 03 Oct 2018 14:12

Tgt Ion: 63 Resp: 4934
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#49

2-Hexanone

Concen: 2.307 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW005812.D

Acq: 03 Oct 2018 14:12

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 2329

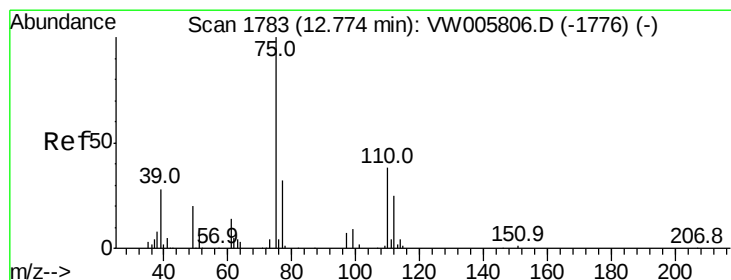
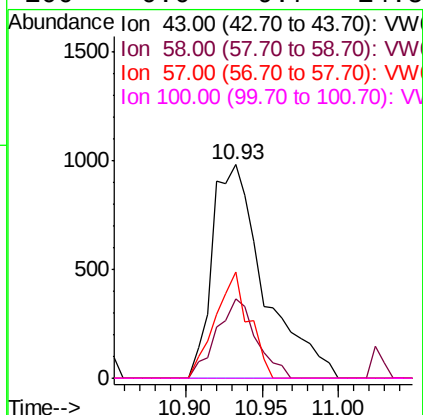
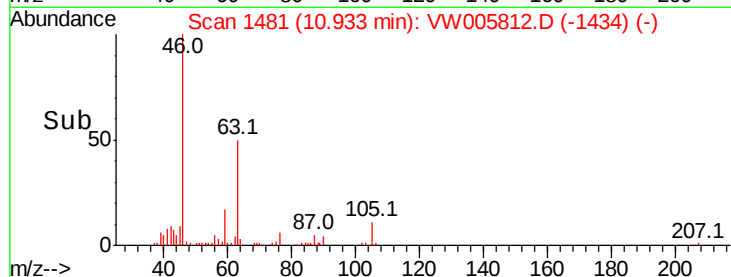
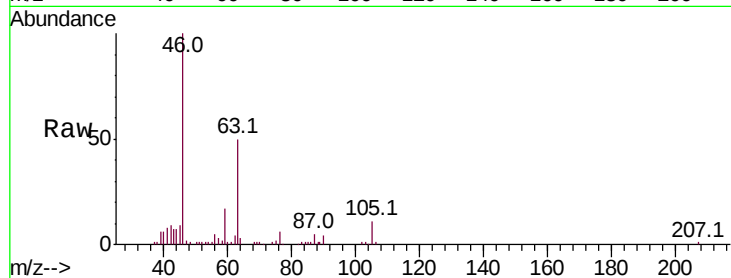
Ion Ratio Lower Upper

43 100

58 28.6 42.0 63.0#

57 32.5 15.7 23.5#

100 0.0 9.7 14.5#



#59

1,2,3-Trichloropropane

Concen: 2.304 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW005812.D

Acq: 03 Oct 2018 14:12

Tgt Ion: 75 Resp: 3508

Ion Ratio Lower Upper

75 100

77 35.1 25.2 37.8

