

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100318\
 Data File : VW005818.D
 Acq On : 03 Oct 2018 16:47
 Operator : SY/AP
 Sample : J5181-11
 Misc : 2.79G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 05:18:12 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	226614	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	222172	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	77914	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	40198	13.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.64%
7) Chloroethane-d5	2.90	69	37252	16.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.12%
10) 1,1-Dichloroethene-d2	4.01	63	78619	12.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.84%
20) 2-Butanone-d5	7.09	46	29352	31.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.30%
24) Chloroform-d	7.65	84	132385	22.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.96%
26) 1,2-Dichloroethane-d4	8.31	65	84629	24.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.00%
29) Benzene-d6	8.28	84	222943	20.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.08%
33) 1,2-Dichloropropane-d6	9.28	67	73452	23.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.44%
37) Toluene-d8	10.33	98	205626	18.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.76%
38) trans-1,3-Dichloropropene-	10.58	79	31990	19.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.64%
39) 2-Hexanone-d5	10.93	63	24047	32.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.60%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	62688	20.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	66112	23.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.92%

Target Compounds

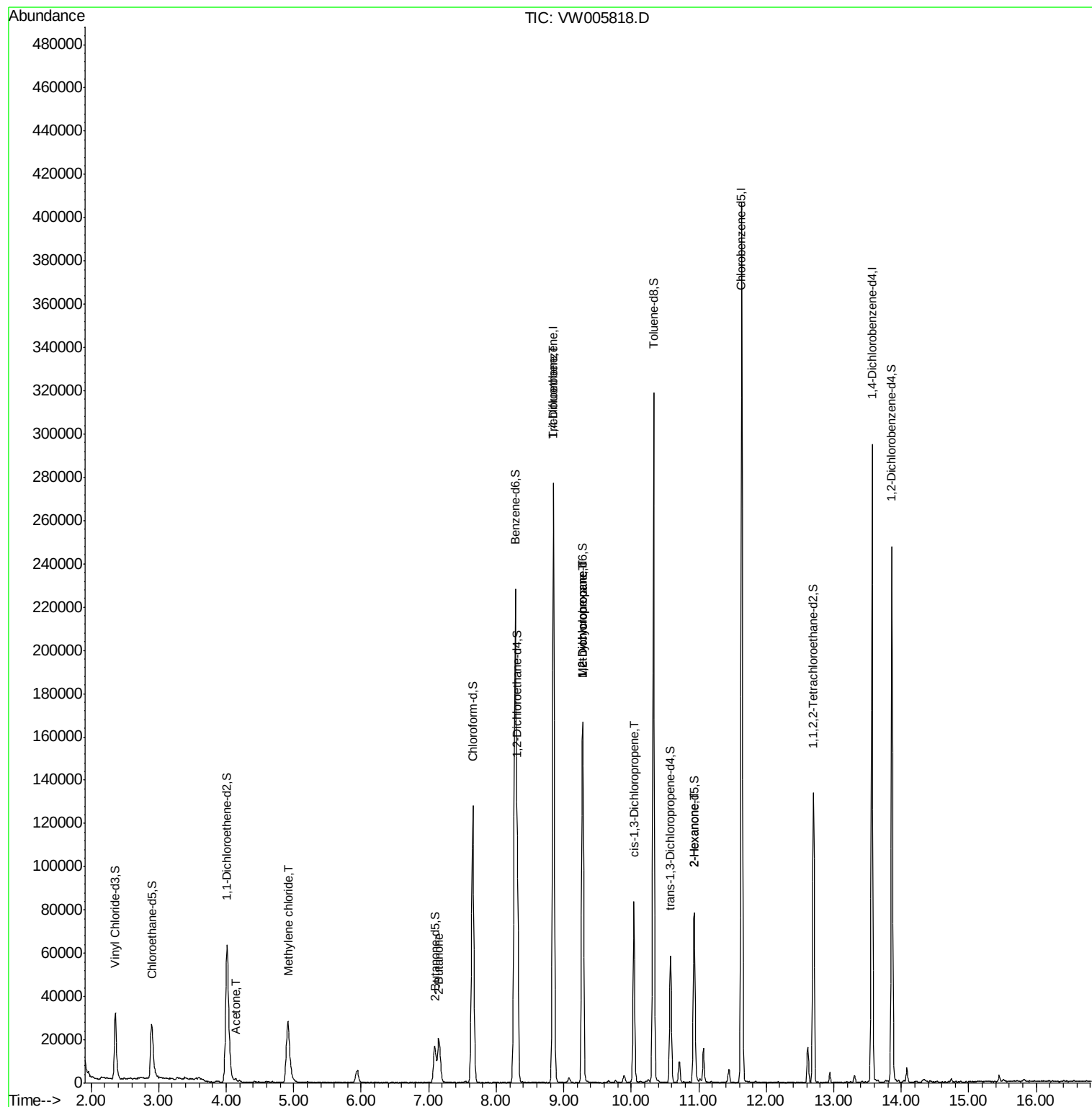
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	1305	1.351	ug/L	69
16) Methylene chloride	4.91	84	25006	6.692	ug/L	97
21) 2-Butanone	7.16	43	4715	4.077	ug/L #	50
35) Trichloroethene	8.84	95	7276	2.167	ug/L #	5
36) Methylcyclohexane	9.28	83	18748	3.210	ug/L #	19
40) 1,2-Dichloropropane	9.27	63	9161	2.994	ug/L #	89
42) cis-1,3-Dichloropropene	10.04	75	2224	0.440	ug/L #	81
49) 2-Hexanone	10.93	43	3868	2.207	ug/L #	64

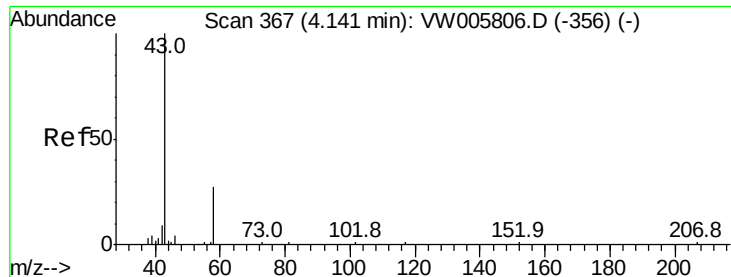
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 04 05:16:38 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.351 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005818.D

Acq: 03 Oct 2018 16:47

Instrument :

MSVOA_W

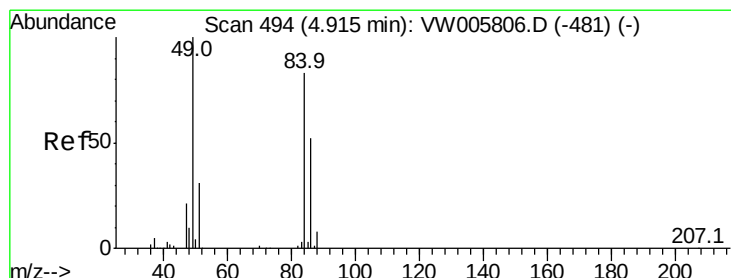
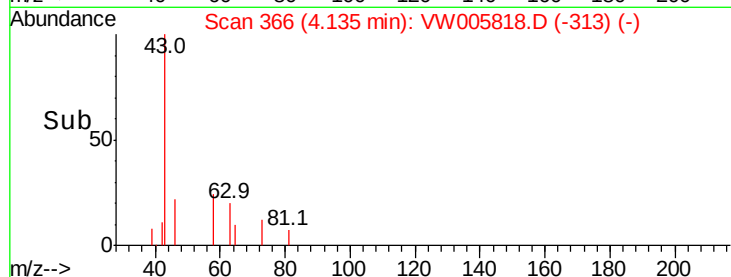
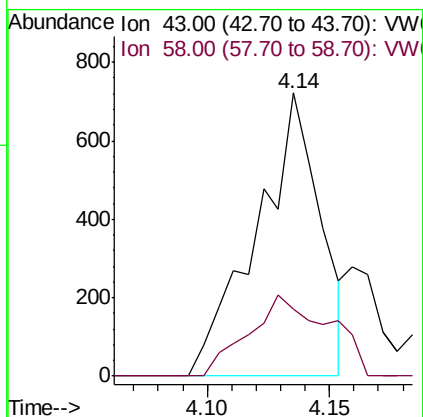
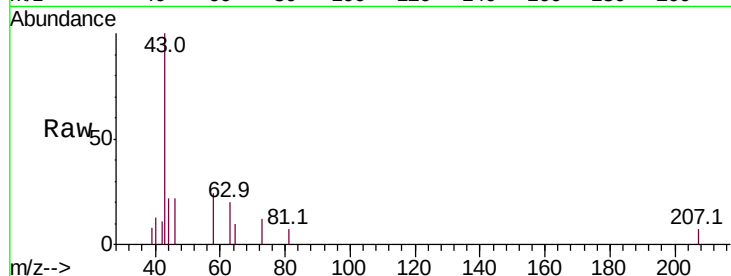
ClientSampleId :

Tot Ion: 43 Resp: 1305

Ion Ratio Lower Upper

43 100

58 29.1 0.0 31.8



#16

Methylene chloride

Concen: 6.692 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW005818.D

Acq: 03 Oct 2018 16:47

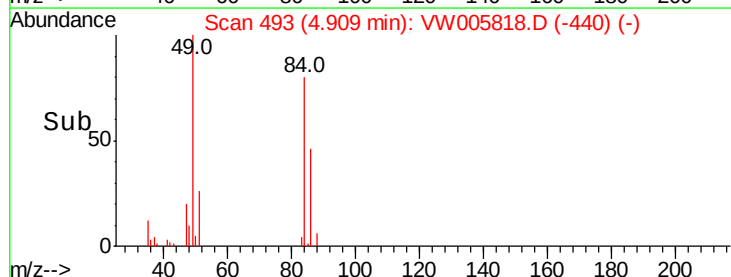
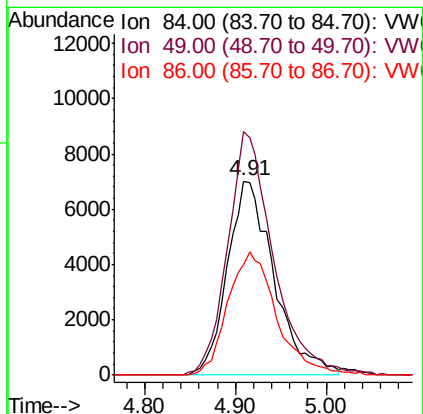
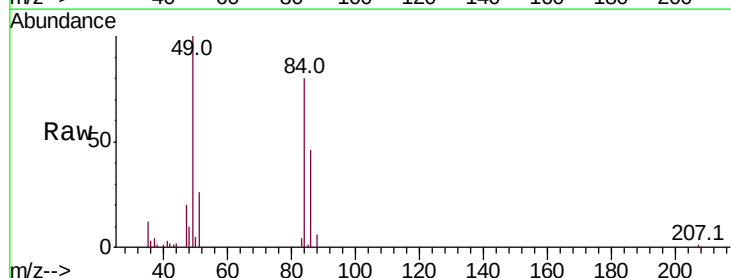
Tgt Ion: 84 Resp: 25006

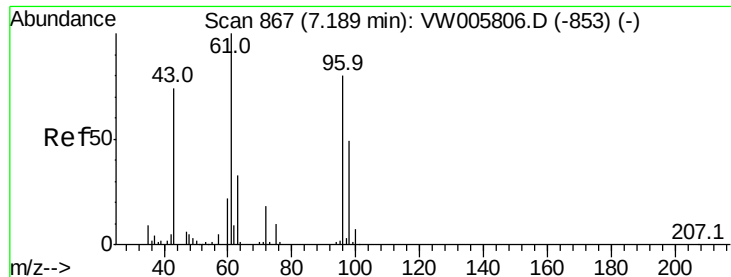
Ion Ratio Lower Upper

84 100

49 125.6 87.2 162.0

86 57.2 43.2 80.2





#21

2-Butanone

Concen: 4.077 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.03 min

Lab File: VW005818.D

Acq: 03 Oct 2018 16:47

Instrument :

MSVOA_W

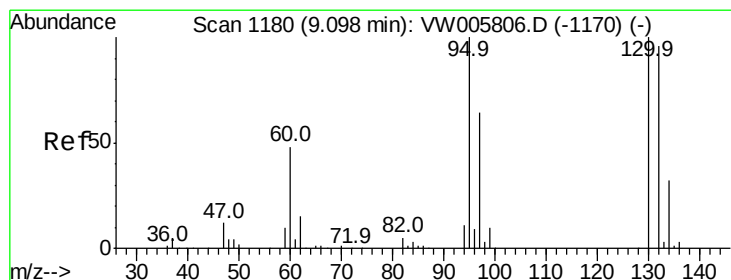
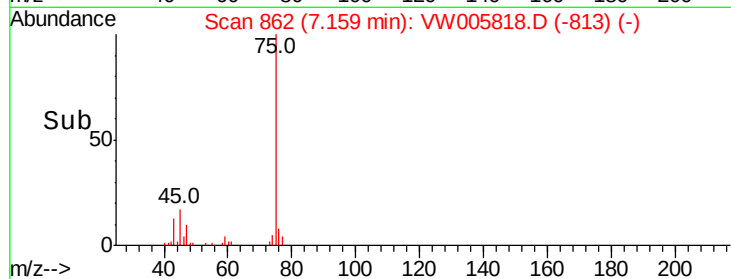
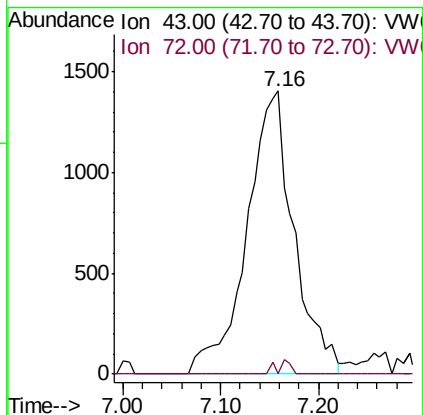
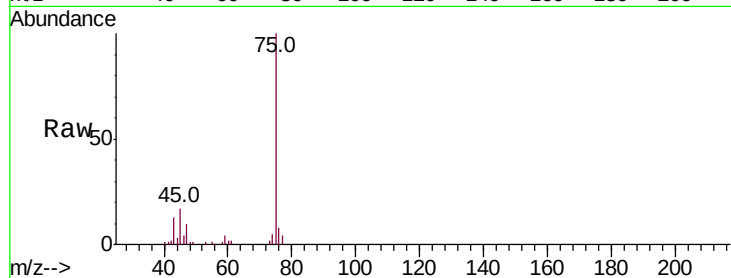
ClientSampleId :

Tot Ion: 43 Resp: 4715

Ion Ratio Lower Upper

43 100

72 1.0 13.2 39.6#



#35

Trichloroethene

Concen: 2.167 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.26 min

Lab File: VW005818.D

Acq: 03 Oct 2018 16:47

Tgt Ion: 95 Resp: 7276

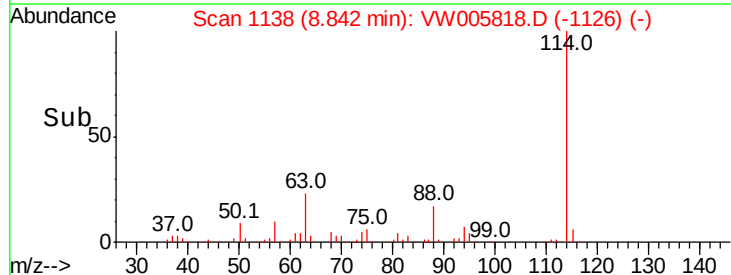
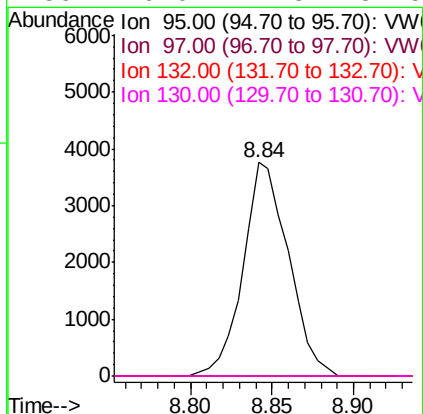
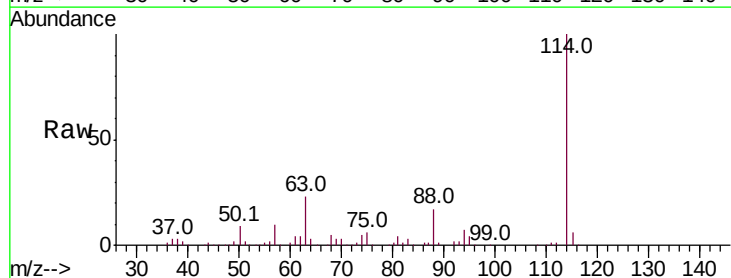
Ion Ratio Lower Upper

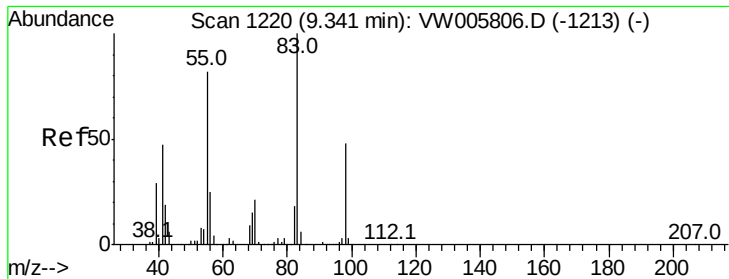
95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#

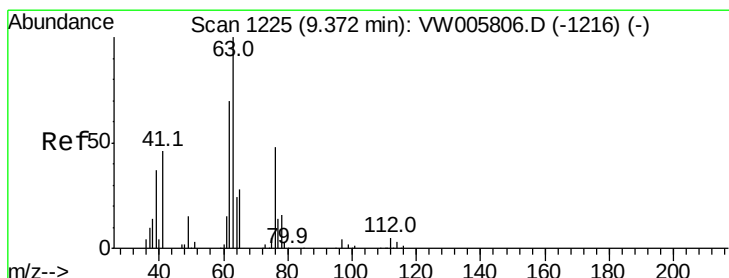
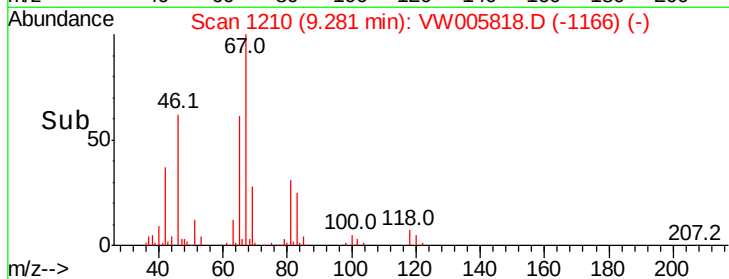
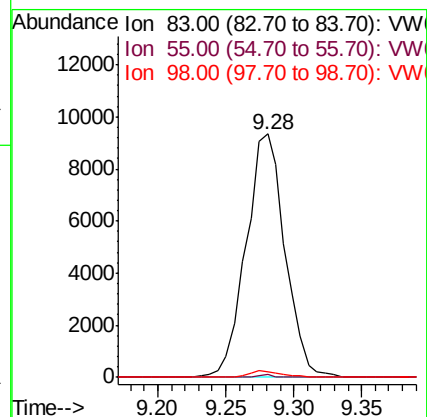
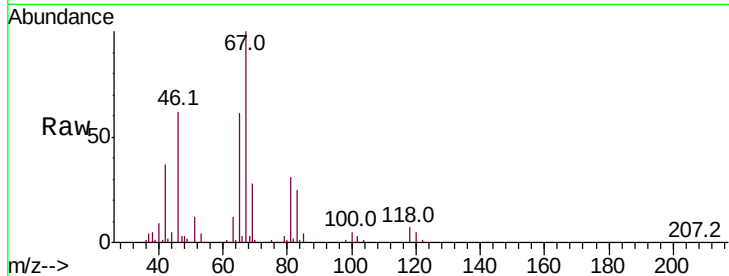




#36
Methylcyclohexane
Concen: 3.210 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW005818.D
Acq: 03 Oct 2018 16:47

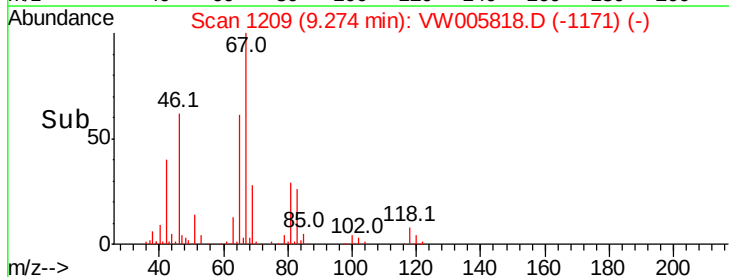
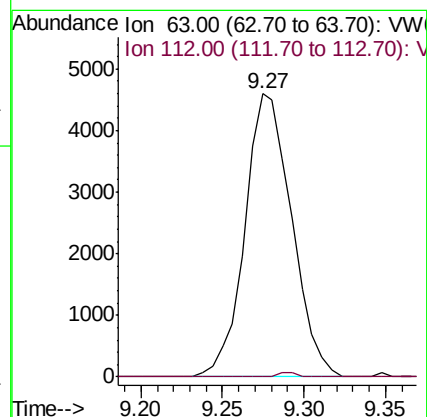
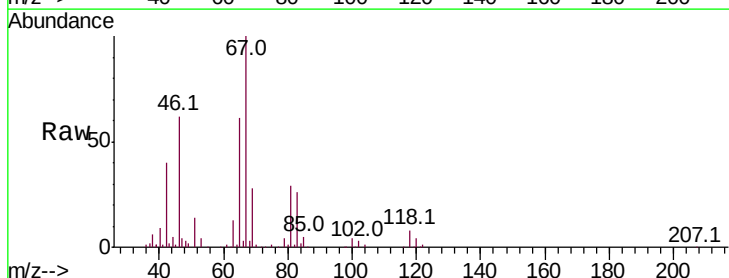
Instrument :
MSVOA_W
ClientSampleId :

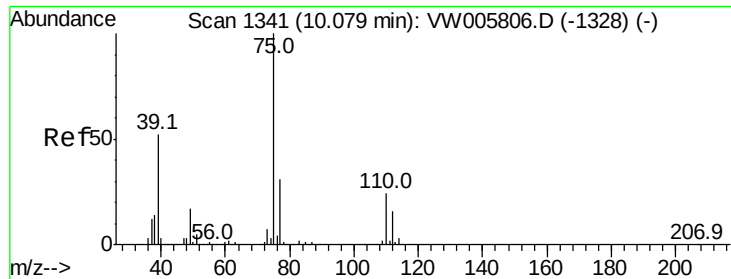
Tot Ion: 83 Resp: 18748
Ion Ratio Lower Upper
83 100
55 0.3 62.5 93.7#
98 2.2 37.7 56.5#



#40
1,2-Dichloropropane
Concen: 2.994 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW005818.D
Acq: 03 Oct 2018 16:47

Tgt Ion: 63 Resp: 9161
Ion Ratio Lower Upper
63 100
112 0.6 3.4 5.2#





#42

cis-1,3-Dichloropropene

Concen: 0.440 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW005818.D

Acq: 03 Oct 2018 16:47

Instrument :

MSVOA_W

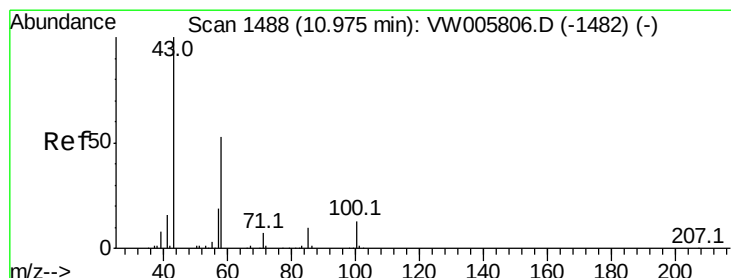
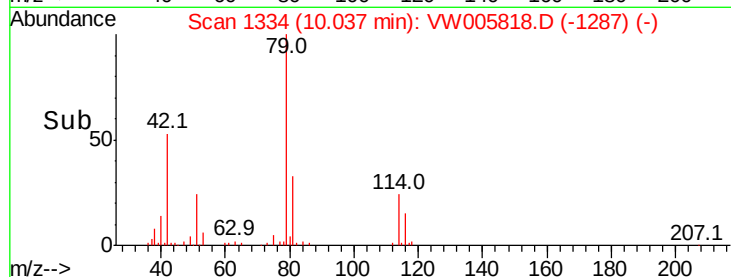
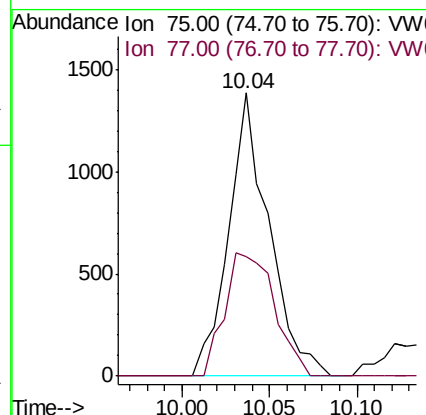
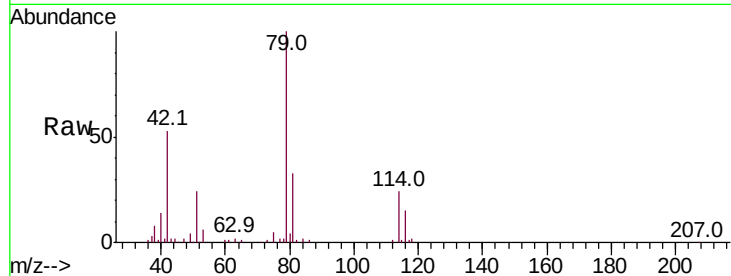
ClientSampled :

Tot Ion: 75 Resp: 2224

Ion Ratio Lower Upper

75 100

77 42.4 22.3 41.3#



#49

2-Hexanone

Concen: 2.207 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW005818.D

Acq: 03 Oct 2018 16:47

Tgt Ion: 43 Resp: 3868

Ion Ratio Lower Upper

43 100

58 27.2 42.0 63.0#

57 38.9 15.7 23.5#

100 1.2 9.7 14.5#

