

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100318\
 Data File : VW005816.D
 Acq On : 03 Oct 2018 15:55
 Operator : SY/AP
 Sample : J5181-06
 Misc : 3.65G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 05:18:01 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	145001	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	150386	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	61453	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	28656	15.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.00%
7) Chloroethane-d5	2.89	69	26319	18.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.00%
10) 1,1-Dichloroethene-d2	4.01	63	52461	13.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.00%
20) 2-Butanone-d5	7.09	46	43145	72.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.42%#
24) Chloroform-d	7.65	84	93202	25.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.08%
26) 1,2-Dichloroethane-d4	8.31	65	62283	27.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.44%
29) Benzene-d6	8.27	84	146823	19.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.88%
33) 1,2-Dichloropropane-d6	9.27	67	45114	20.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.88%
37) Toluene-d8	10.33	98	133616	18.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.72%
38) trans-1,3-Dichloropropene-	10.58	79	23598	20.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.52%
39) 2-Hexanone-d5	10.93	63	30297	60.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	60246	28.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	56673	26.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.24%

Target Compounds

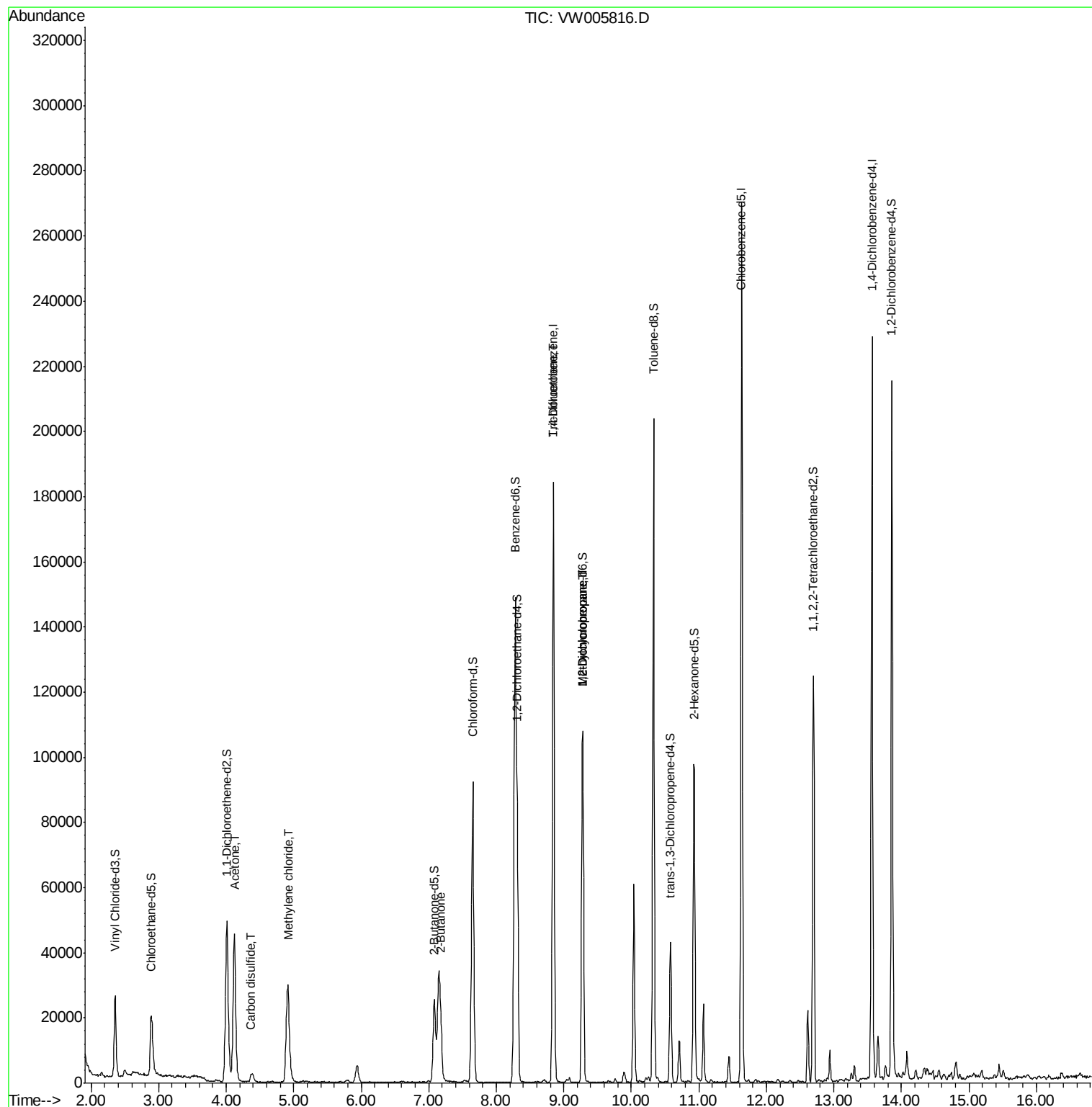
					Ovalue
13) Acetone	4.12	43	77633	125.626	ug/L 69
14) Carbon disulfide	4.37	76	3944	0.668	ug/L 96
16) Methylene chloride	4.91	84	24510	10.252	ug/L 97
21) 2-Butanone	7.18	43	23622	31.918	ug/L 97
35) Trichloroethene	8.85	95	4753	2.091	ug/L # 5
36) Methylcyclohexane	9.28	83	12175	3.080	ug/L # 18
40) 1,2-Dichloropropane	9.28	63	6055	2.924	ug/L # 87

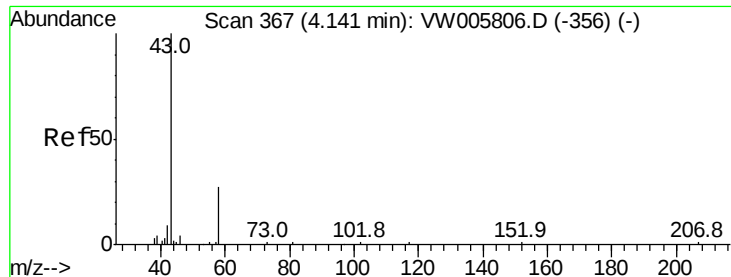
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
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Quant Time: Oct 04 05:18:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 04 05:16:38 2018
Response via : Initial Calibration





#13

Acetone

Concen: 125.626 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW005816.D

Acq: 03 Oct 2018 15:55

Instrument :

MSVOA_W

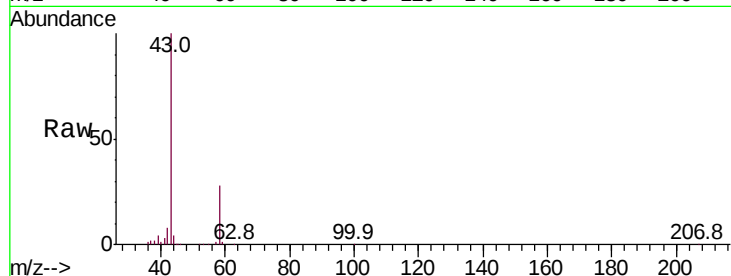
ClientSampleId :

Tot Ion: 43 Resp: 77633

Ion Ratio Lower Upper

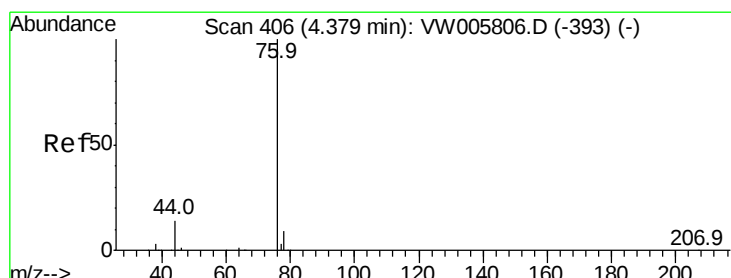
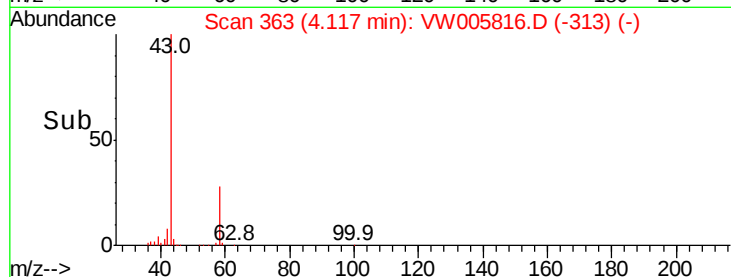
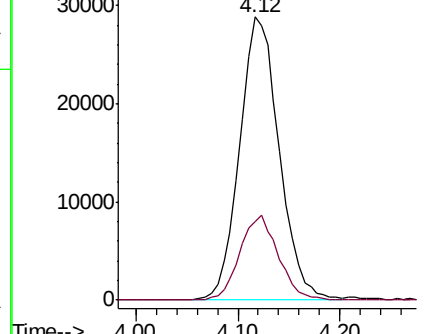
43 100

58 28.9 0.0 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.668 ug/L

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW005816.D

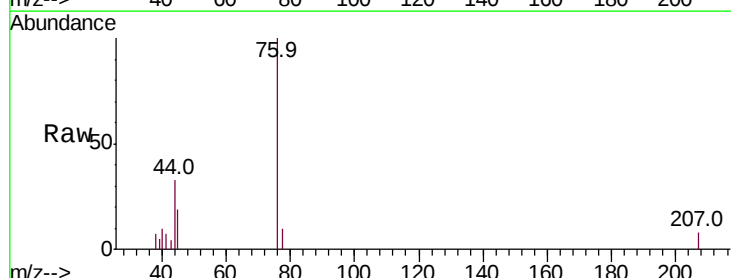
Acq: 03 Oct 2018 15:55

Tgt Ion: 76 Resp: 3944

Ion Ratio Lower Upper

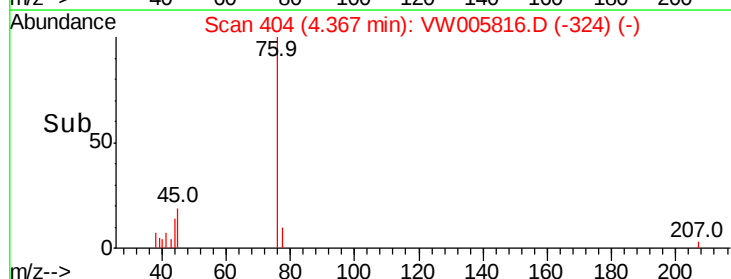
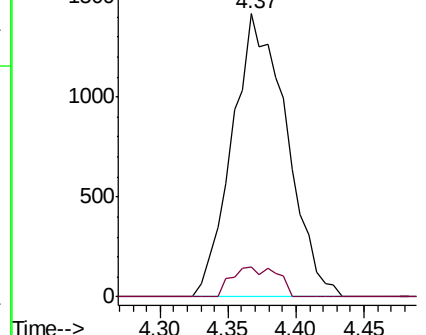
76 100

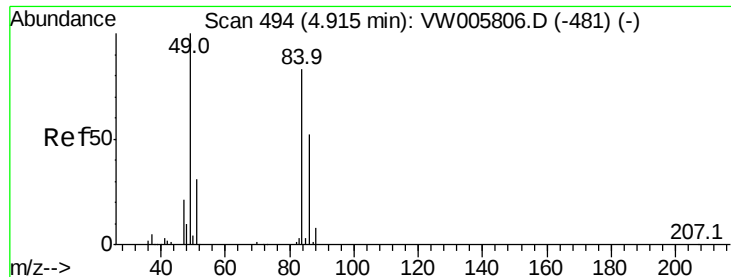
78 10.5 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

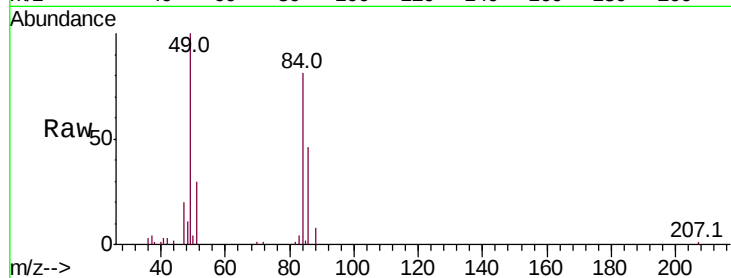




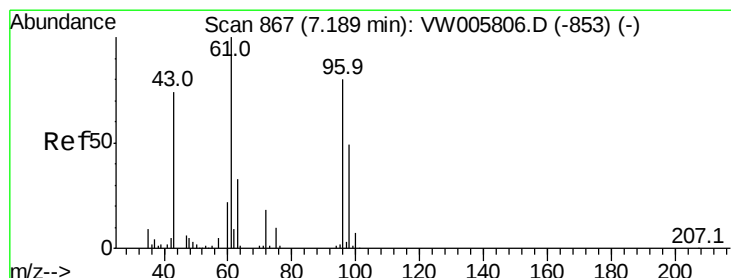
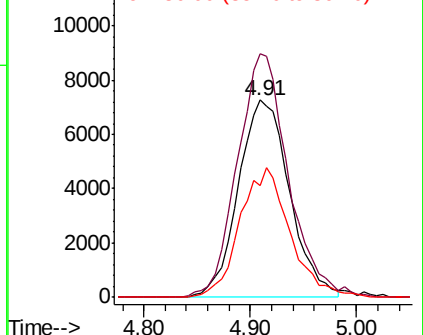
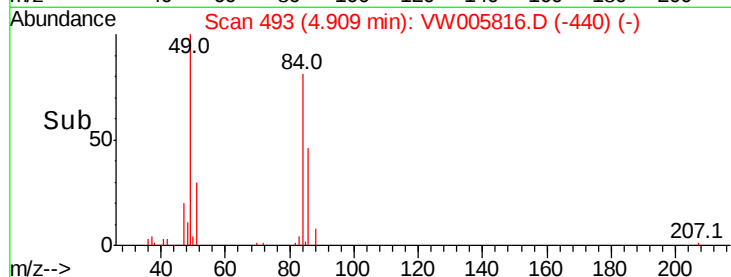
#16
Methvlene chloride
Concen: 10.252 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005816.D
Acq: 03 Oct 2018 15:55

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 24510
Ion Ratio Lower Upper
84 100
49 123.5 87.2 162.0
86 56.5 43.2 80.2

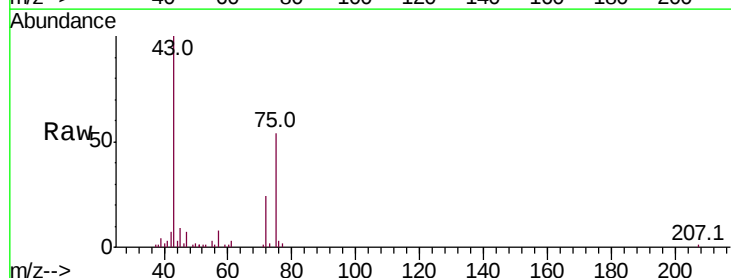


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

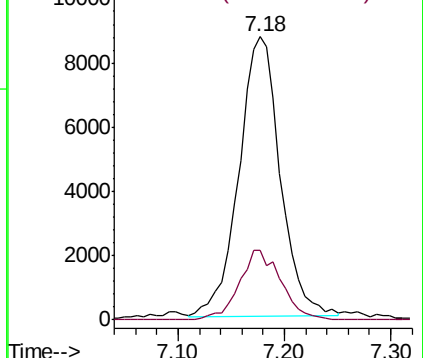
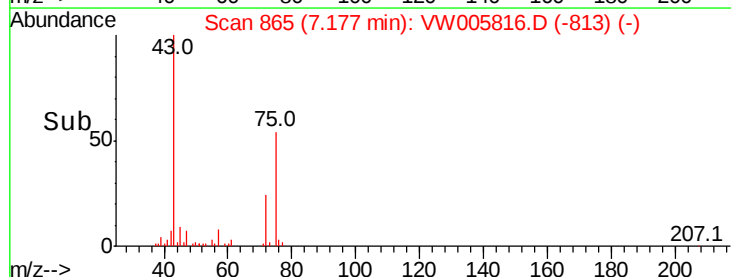


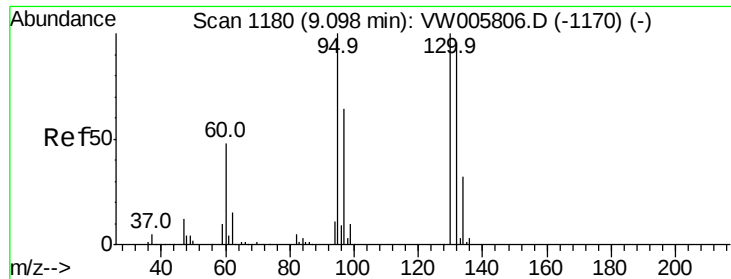
#21
2-Butanone
Concen: 31.918 ug/L
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW005816.D
Acq: 03 Oct 2018 15:55

Tgt Ion: 43 Resp: 23622
Ion Ratio Lower Upper
43 100
72 25.1 13.2 39.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

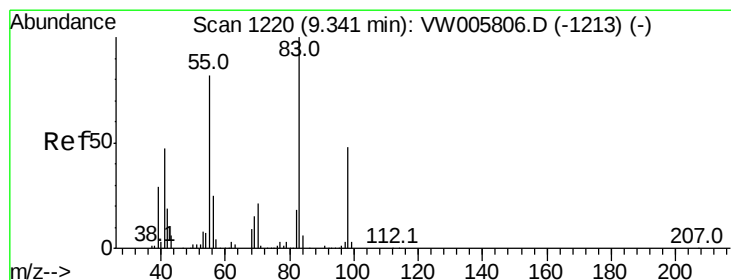
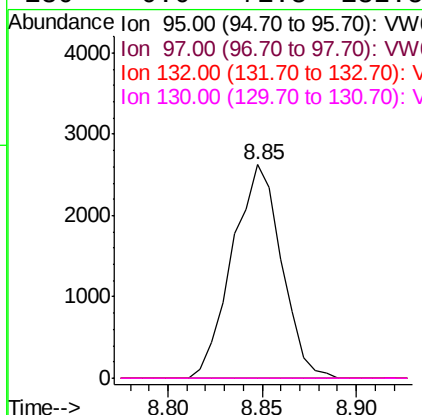
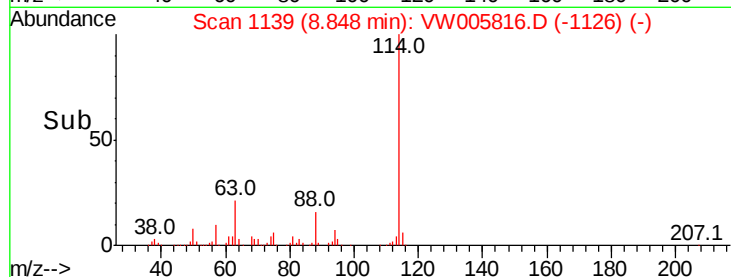
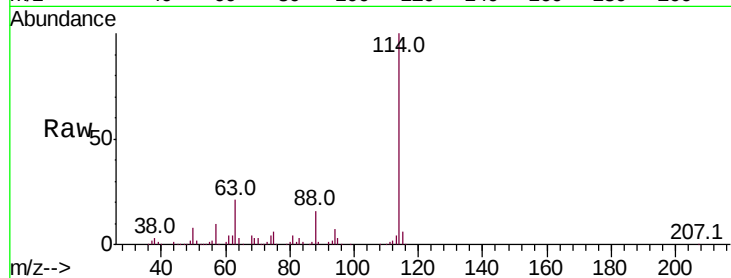




#35
 Trichloroethene
 Concen: 2.091 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.25 min
 Lab File: VW005816.D
 Acq: 03 Oct 2018 15:55

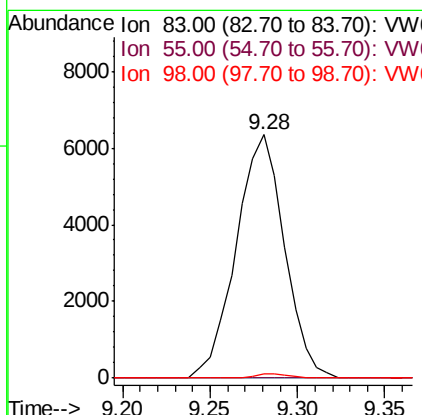
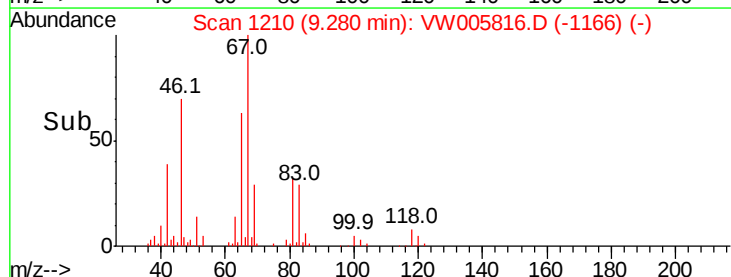
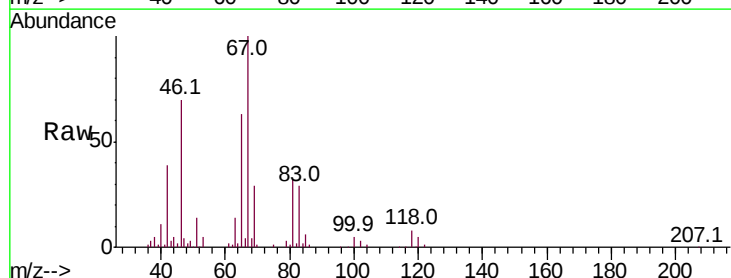
Instrument :
 MSVOA_W
 ClientSampleId :

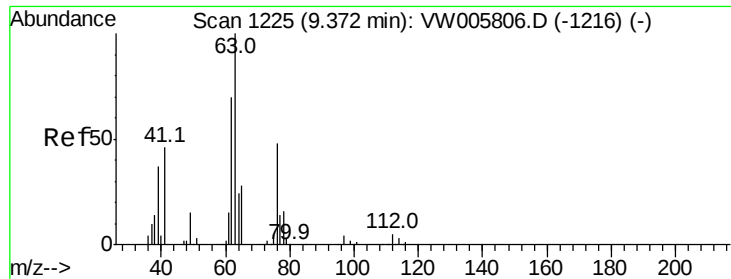
Tot Ion: 95 Resp: 4753
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.2 84.0#
 132 0.0 68.0 126.4#
 130 0.0 71.3 132.5#



#36
 Methylcyclohexane
 Concen: 3.080 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.06 min
 Lab File: VW005816.D
 Acq: 03 Oct 2018 15:55

Tgt Ion: 83 Resp: 12175
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.5 93.7#
 98 1.1 37.7 56.5#





#40

1,2-Dichloropropane

Concen: 2.924 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005816.D

Acq: 03 Oct 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 63 Resp: 6055

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

