

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091418\
 Data File : VW005374.D
 Acq On : 14 Sep 2018 02:16
 Operator : SY/AP
 Sample : J4865-11
 Misc : 4.75G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3N9

Quant Time: Sep 14 06:59:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 06:56:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	271132	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	249711	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	88649	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	75873	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.00%
7) Chloroethane-d5	2.89	69	61493	27.79	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.16%
10) 1,1-Dichloroethene-d2	4.03	63	101358	18.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.56%
20) 2-Butanone-d5	7.10	46	35682	30.28	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.56%
24) Chloroform-d	7.66	84	148714	29.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.64%
26) 1,2-Dichloroethane-d4	8.32	65	101292	31.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.28%
29) Benzene-d6	8.28	84	283419	28.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.08%
33) 1,2-Dichloropropane-d6	9.28	67	88617	30.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.88%#
37) Toluene-d8	10.33	98	260590	25.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.64%
38) trans-1,3-Dichloropropene-	10.59	79	35997	25.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.56%
39) 2-Hexanone-d5	10.93	63	27037	30.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.68%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	74891	25.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	75590	28.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.64%

Target Compounds

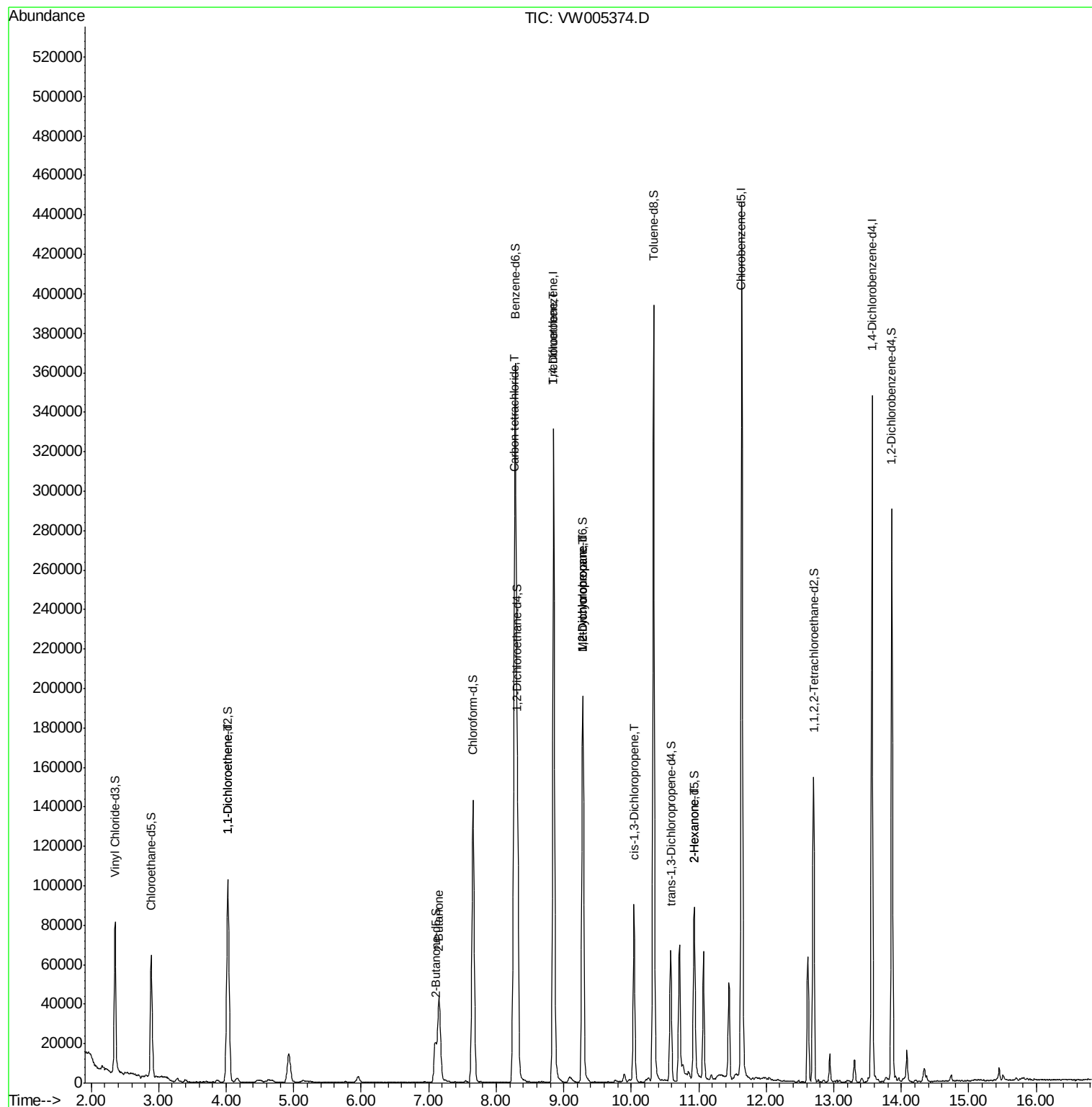
					Qvalue
12) 1,1-Dichloroethene	4.02	96	971	0.329 ug/L #	1
21) 2-Butanone	7.15	43	3643	2.148 ug/L #	57
32) Carbon tetrachloride	8.26	117	2834	0.538 ug/L #	28
35) Trichloroethene	8.85	95	8716	2.360 ug/L #	6
36) Methylcyclohexane	9.28	83	22315	3.482 ug/L #	17
40) 1,2-Dichloropropane	9.28	63	10639	3.098 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2422	0.477 ug/L	86
49) 2-Hexanone	10.93	43	4524	1.874 ug/L #	55

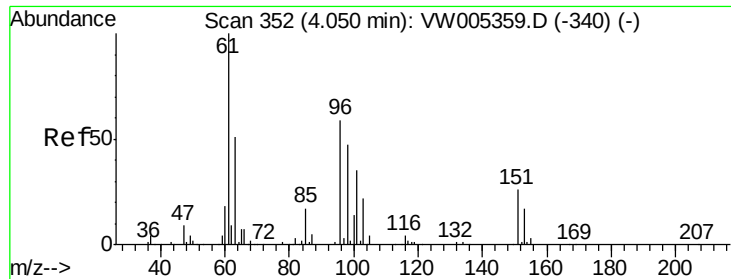
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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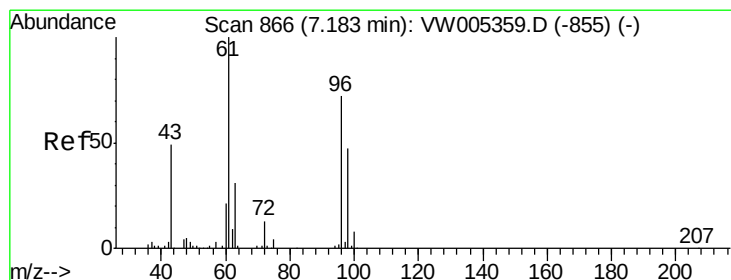
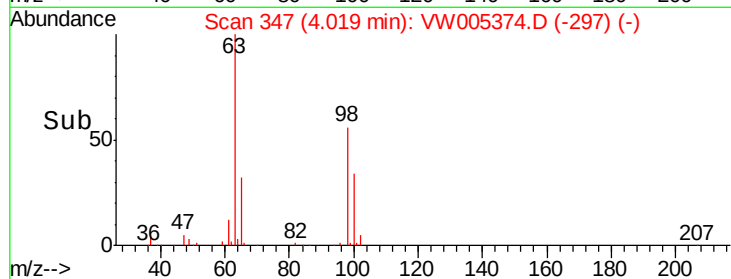
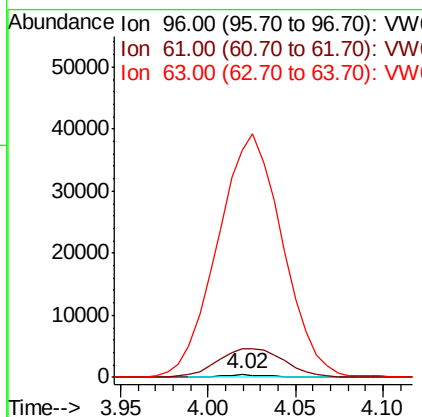
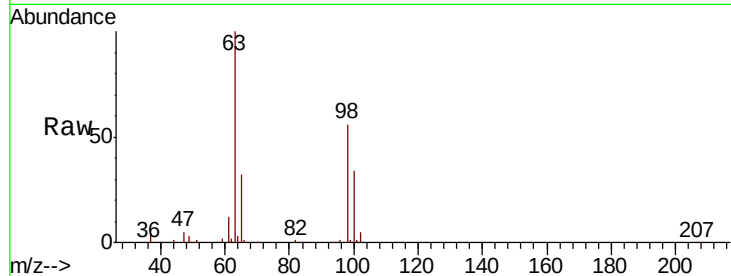




#12
 1,1-Dichloroethene
 Concen: 0.329 ug/L
 RT: 4.02 min Scan# 347
 Delta R.T. -0.02 min
 Lab File: VW005374.D
 Acq: 14 Sep 2018 02:16

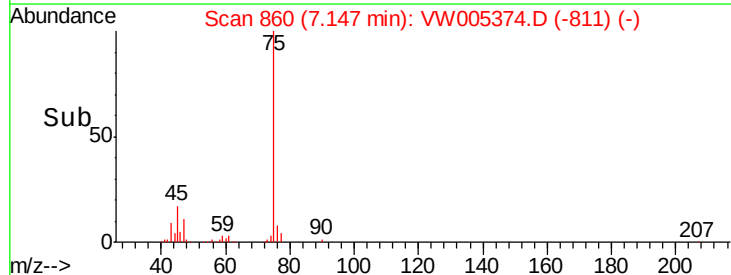
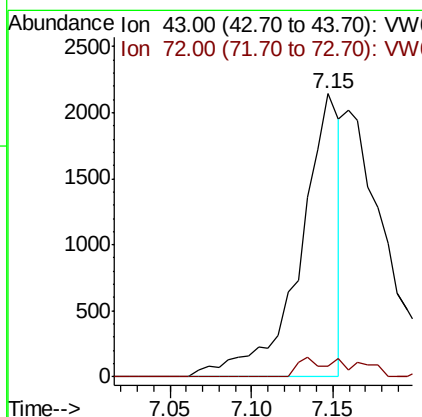
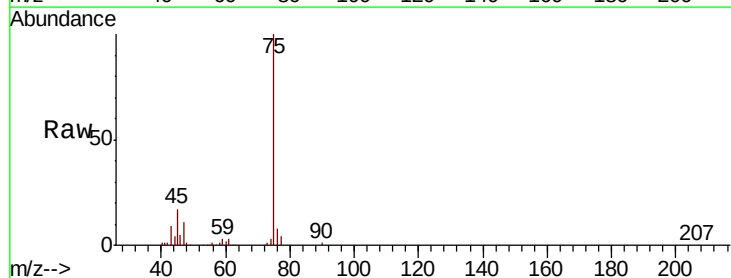
Instrument :
 MSVOA_W
 ClientSampleID :
 DB3N9

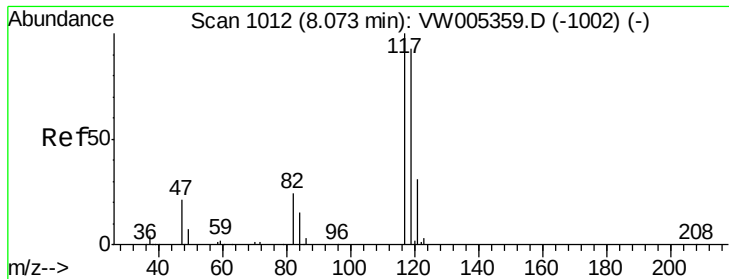
Tgt Ion: 96 Resp: 971
 Ion Ratio Lower Upper
 96 100
 61 914.5 123.3 229.1#
 63 7351.0 69.4 128.8#



#21
 2-Butanone
 Concen: 2.148 ug/L
 RT: 7.15 min Scan# 860
 Delta R.T. -0.03 min
 Lab File: VW005374.D
 Acq: 14 Sep 2018 02:16

Tgt Ion: 43 Resp: 3643
 Ion Ratio Lower Upper
 43 100
 72 2.7 11.8 35.4#

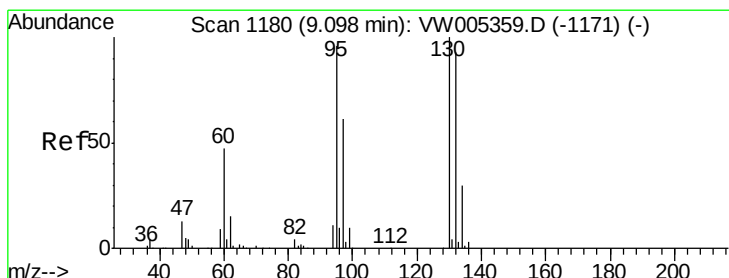
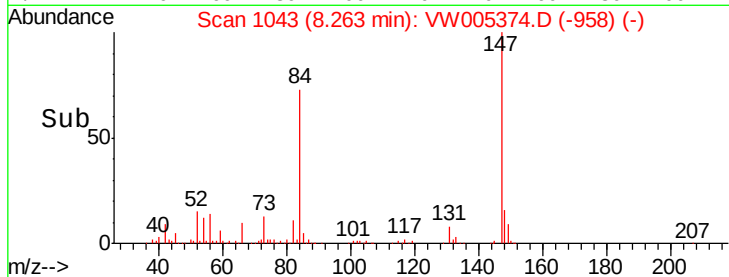
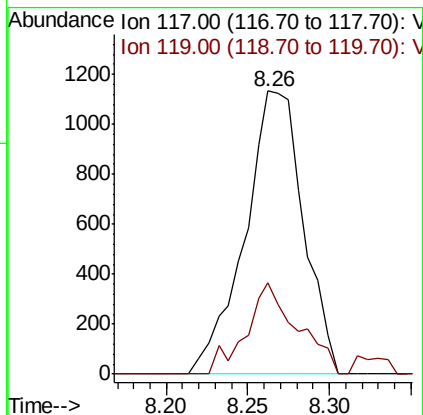
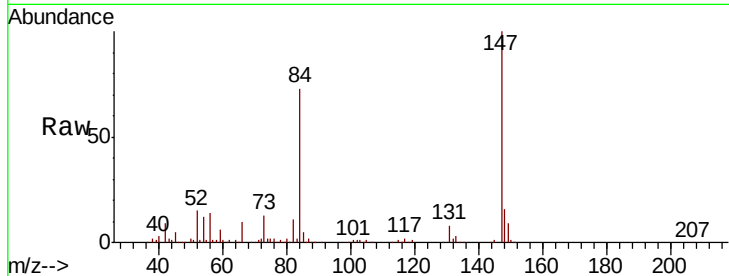




#32
Carbon tetrachloride
Concen: 0.538 ug/L
RT: 8.26 min Scan# 1043
Delta R.T. 0.19 min
Lab File: VW005374.D
Acq: 14 Sep 2018 02:16

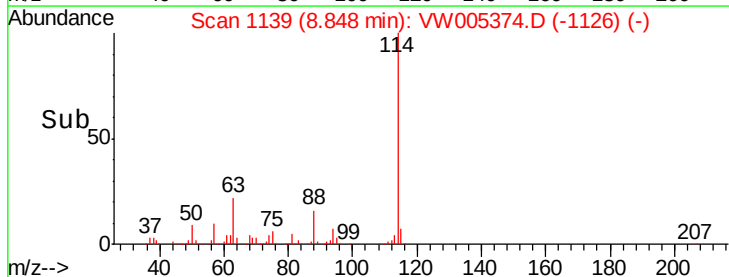
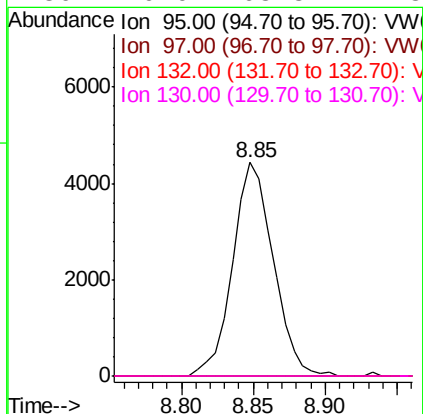
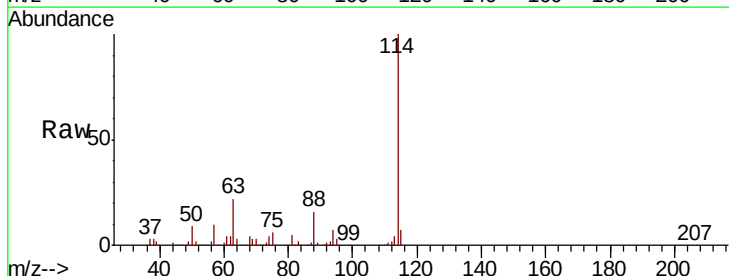
Instrument :
MSVOA_W
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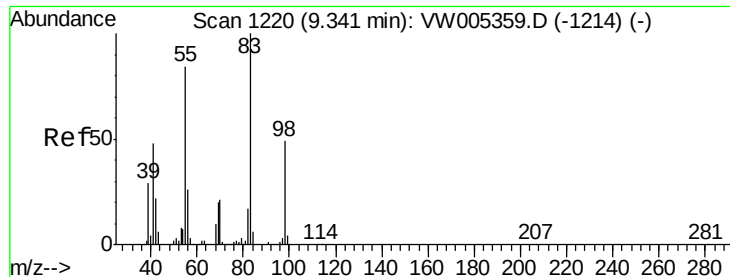
Tgt Ion: 117 Resp: 2834
Ion Ratio Lower Upper
117 100
119 26.1 77.0 115.6#



#35
Trichloroethene
Concen: 2.360 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.25 min
Lab File: VW005374.D
Acq: 14 Sep 2018 02:16

Tgt Ion: 95 Resp: 8716
Ion Ratio Lower Upper
95 100
97 0.5 45.0 83.6#
132 0.0 67.2 124.8#
130 0.0 68.8 127.8#

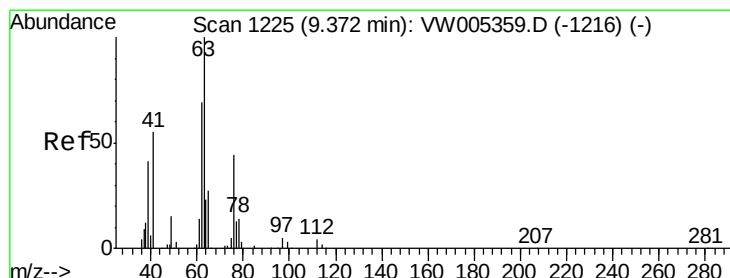
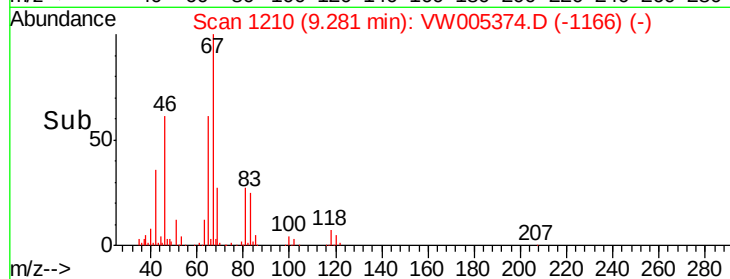
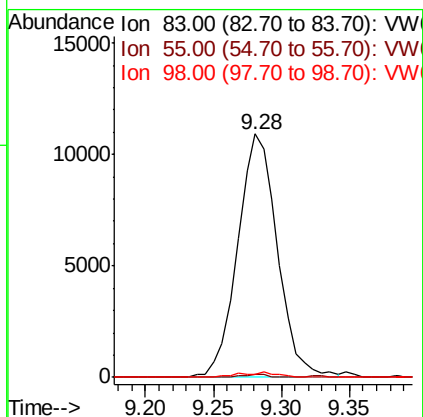
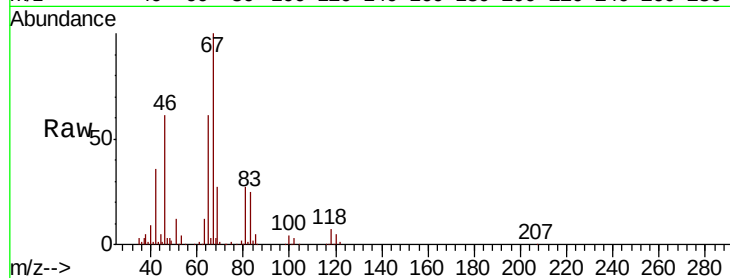




#36
Methylcyclohexane
Concen: 3.482 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW005374.D
Acq: 14 Sep 2018 02:16

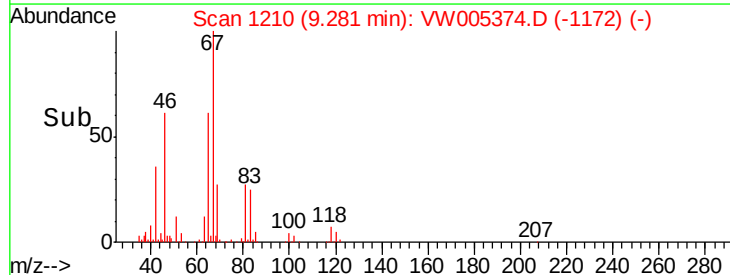
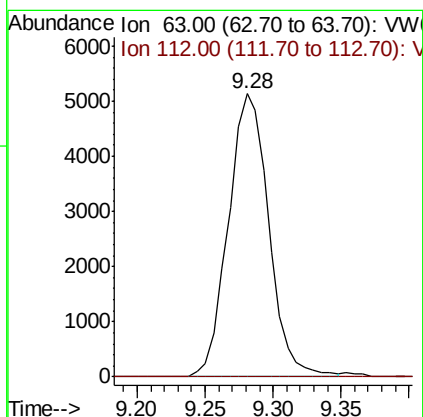
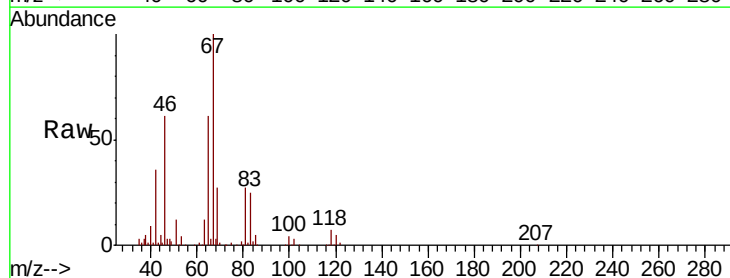
Instrument :
MSVOA_W
ClientSampleId :
DB3N9

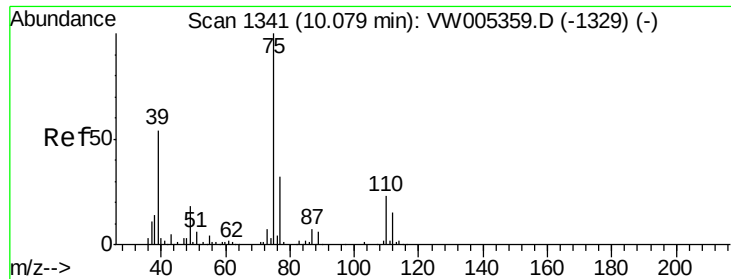
Tgt Ion: 83 Resp: 22315
Ion Ratio Lower Upper
83 100
55 0.7 66.4 99.6#
98 1.0 37.3 55.9#



#40
1,2-Dichloropropane
Concen: 3.098 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.10 min
Lab File: VW005374.D
Acq: 14 Sep 2018 02:16

Tgt Ion: 63 Resp: 10639
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

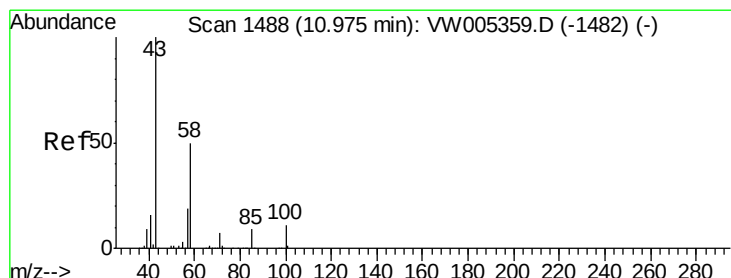
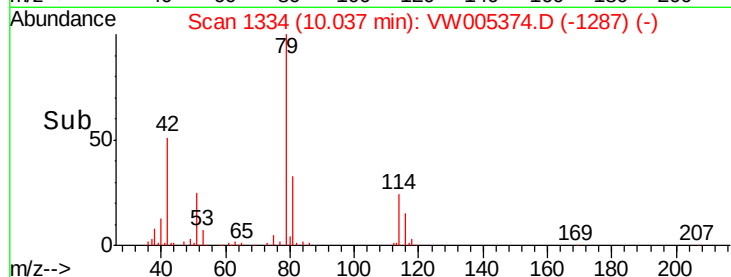
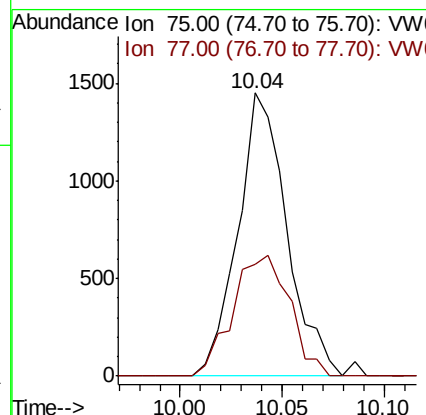
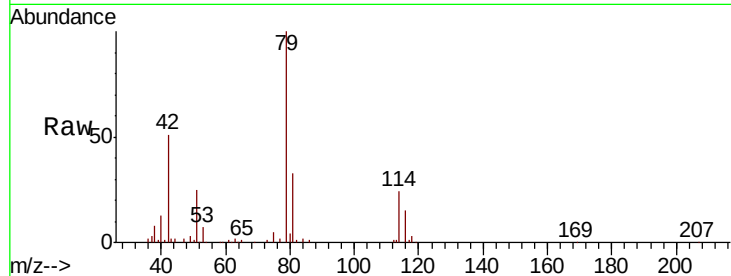




#42
 cis-1,3-Dichloropropene
 Concen: 0.477 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW005374.D
 Acq: 14 Sep 2018 02:16

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3N9

Tgt Ion: 75 Resp: 2422
 Ion Ratio Lower Upper
 75 100
 77 39.5 22.3 41.3



#49
 2-Hexanone
 Concen: 1.874 ug/L
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.04 min
 Lab File: VW005374.D
 Acq: 14 Sep 2018 02:16

Tgt Ion: 43 Resp: 4524
 Ion Ratio Lower Upper
 43 100
 58 13.7 41.6 62.4#
 57 33.7 15.0 22.6#
 100 2.1 8.6 12.8#

