

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120718\
 Data File : VW007328.D
 Acq On : 08 Dec 2018 00:52
 Operator : SY/AP
 Sample : J6299-08
 Misc : 6.20G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9F24

Quant Time: Dec 08 02:07:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 08 02:02:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	118519	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	99014	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	43525	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	25571	33.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	132.48%
7) Chloroethane-d5	2.89	69	19050	29.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.56%
10) 1,1-Dichloroethene-d2	4.01	63	58523	21.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.92%
20) 2-Butanone-d5	7.08	46	20572	42.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.56%
24) Chloroform-d	7.65	84	77603	27.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.04%
26) 1,2-Dichloroethane-d4	8.31	65	45094	28.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.36%
29) Benzene-d6	8.27	84	154531	28.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.96%
33) 1,2-Dichloropropane-d6	9.27	67	43474	28.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.32%
37) Toluene-d8	10.32	98	143916	28.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.16%
38) trans-1,3-Dichloropropene-	10.58	79	19325	24.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.52%
39) 2-Hexanone-d5	10.93	63	15126	40.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	36085	25.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	43264	28.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.04%

Target Compounds

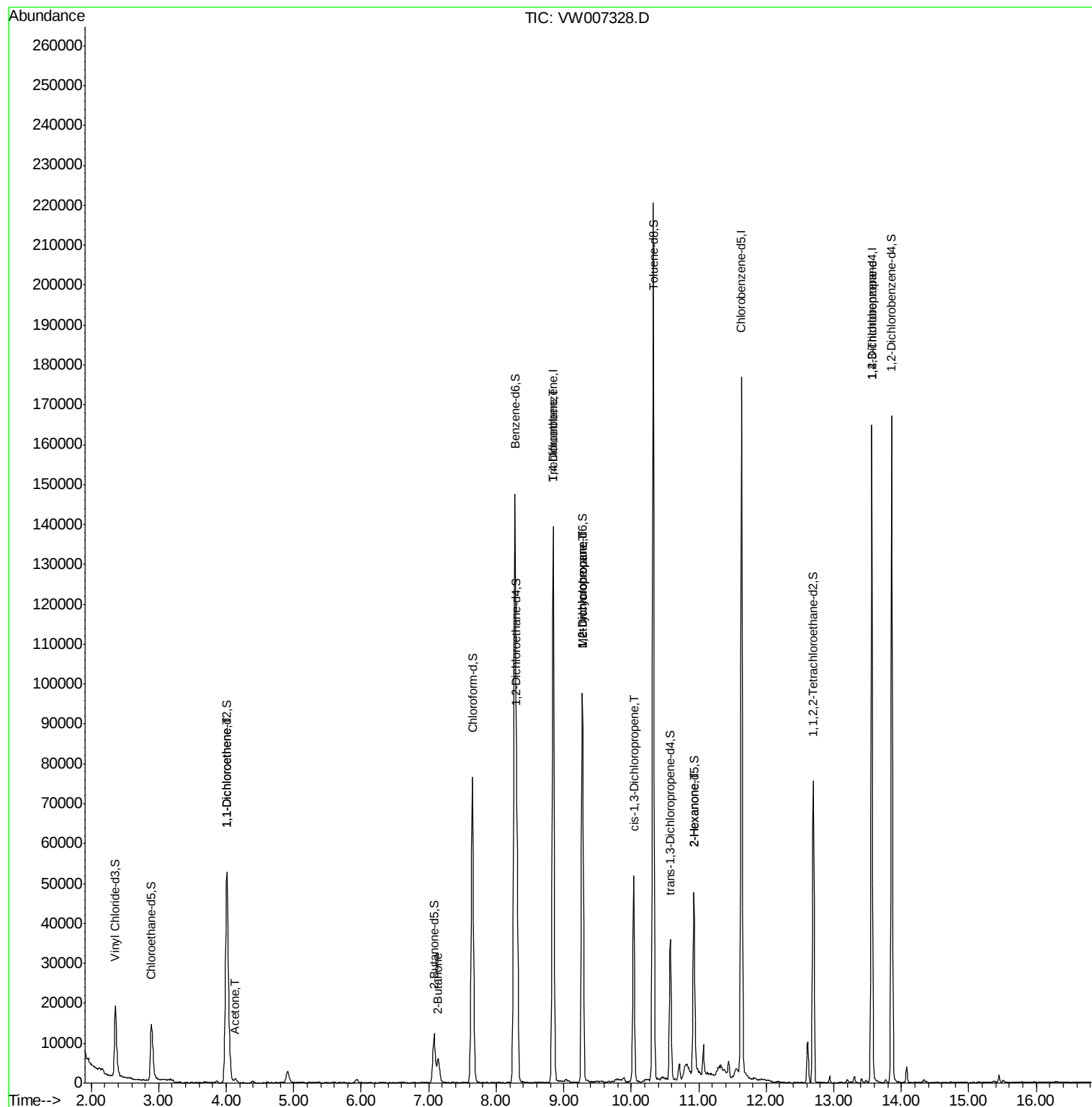
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.02	96	434	0.312	ug/L #	1
13) Acetone	4.13	43	949	1.677	ug/L	97
21) 2-Butanone	7.13	43	1336	2.197	ug/L #	45
35) Trichloroethene	8.84	95	3754	2.307	ug/L #	4
36) Methylcyclohexane	9.27	83	11069	3.940	ug/L #	20
40) 1,2-Dichloropropane	9.27	63	5227	3.765	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1297	0.556	ug/L	92
49) 2-Hexanone	10.93	43	2521	3.264	ug/L #	63
59) 1,2,3-Trichloropropane	13.57	75	4964	4.425	ug/L	94

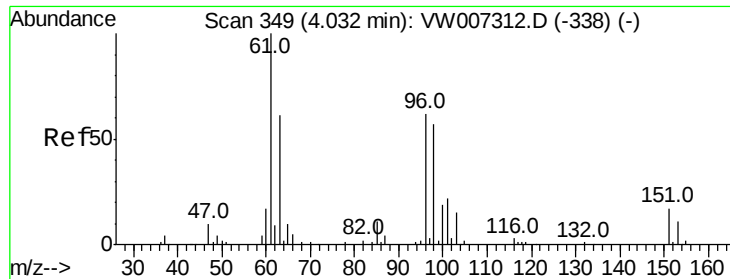
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 08 02:02:23 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.312 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.01 min

Lab File: VW007328.D

Acq: 08 Dec 2018 00:52

Instrument :

MSVOA_W

ClientSampleId :

F9F24

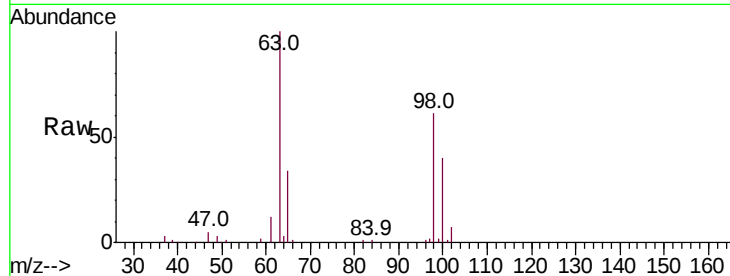
Tot Ion: 96 Resp: 434

Ion Ratio Lower Upper

96 100

61 899.6 117.2 217.8#

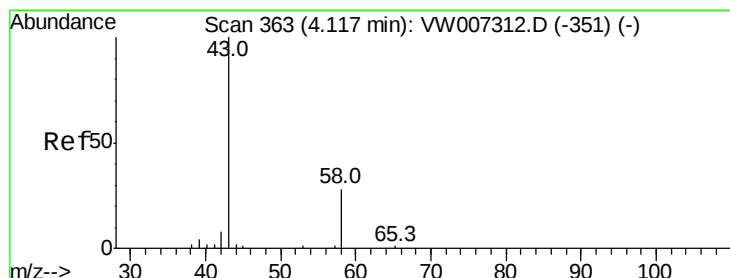
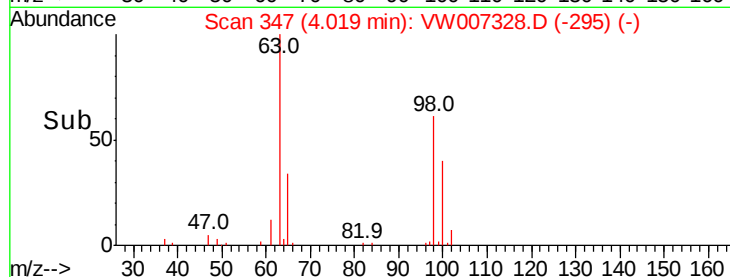
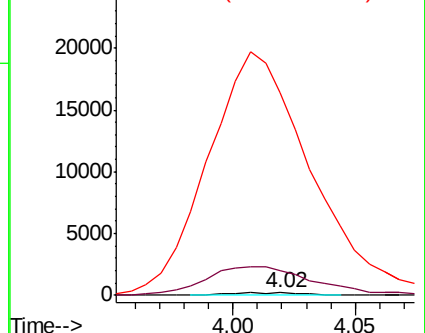
63 7263.7 89.7 166.7#



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 1.677 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007328.D

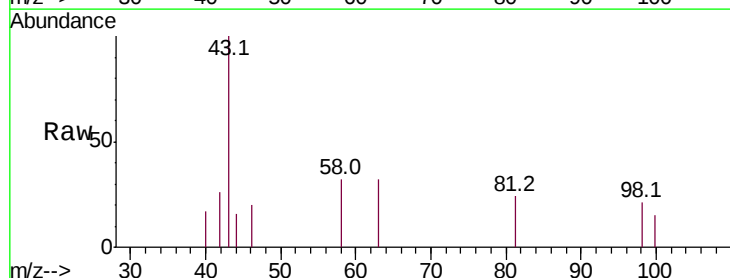
Acq: 08 Dec 2018 00:52

Tgt Ion: 43 Resp: 949

Ion Ratio Lower Upper

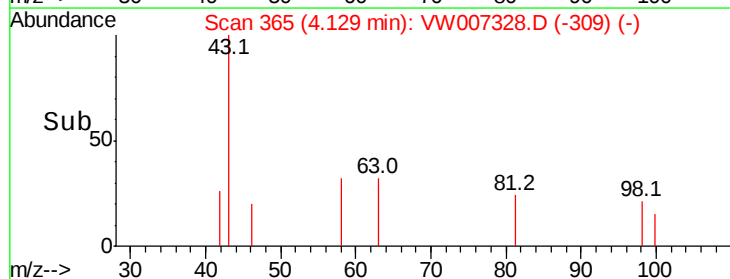
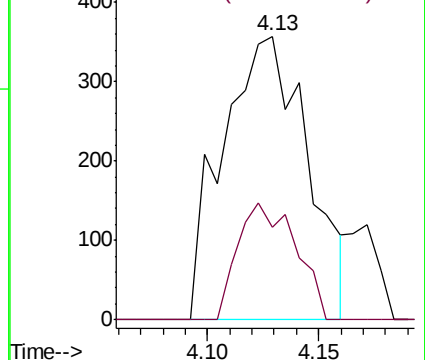
43 100

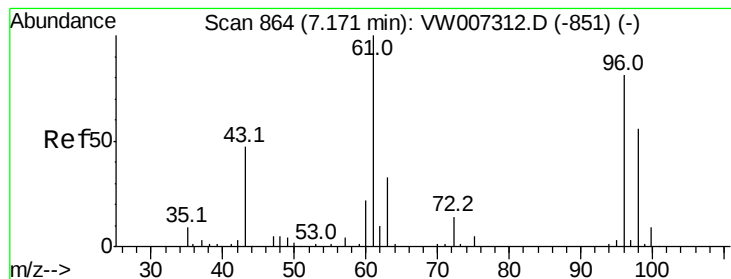
58 28.1 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#21

2-Butanone

Concen: 2.197 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW007328.D

Acq: 08 Dec 2018 00:52

Instrument :

MSVOA_W

ClientSampleId :

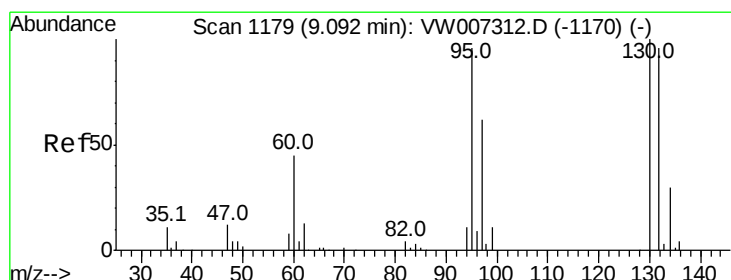
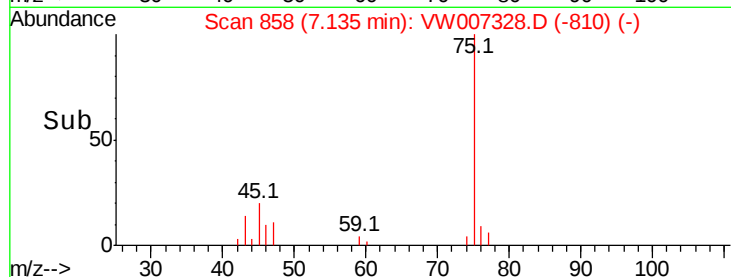
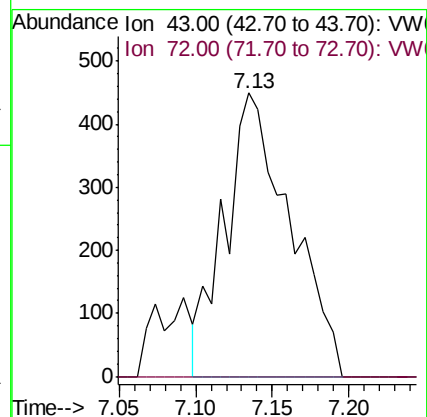
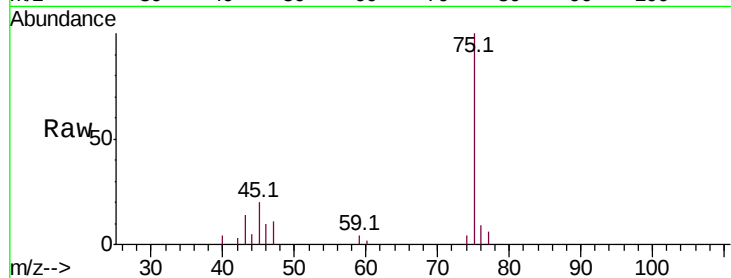
F9F24

Tot Ion: 43 Resp: 1336

Ion Ratio Lower Upper

43 100

72 0.0 14.7 44.1#



#35

Trichloroethene

Concen: 2.307 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007328.D

Acq: 08 Dec 2018 00:52

Tgt Ion: 95 Resp: 3754

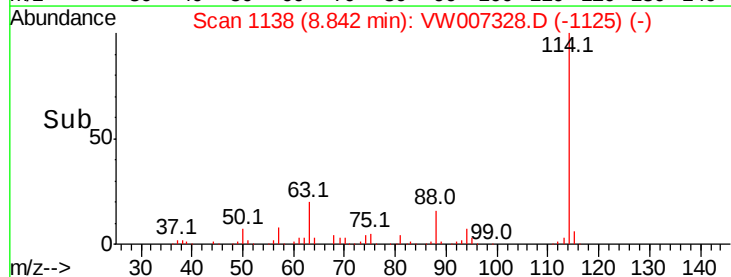
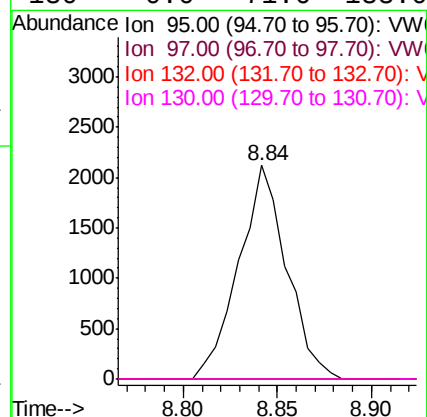
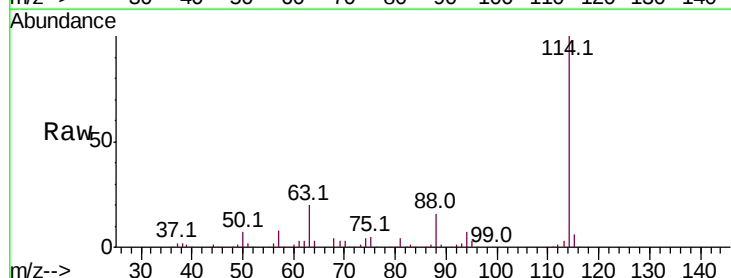
Ion Ratio Lower Upper

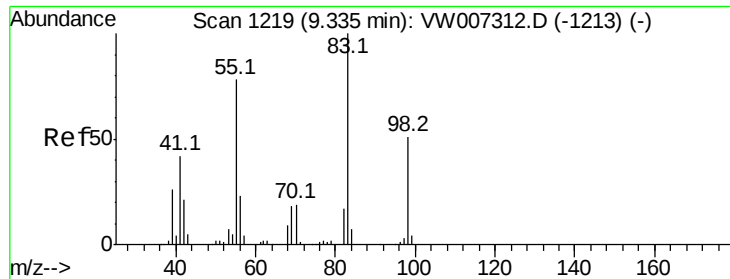
95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

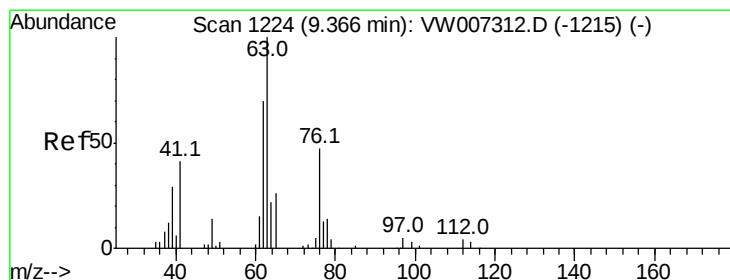
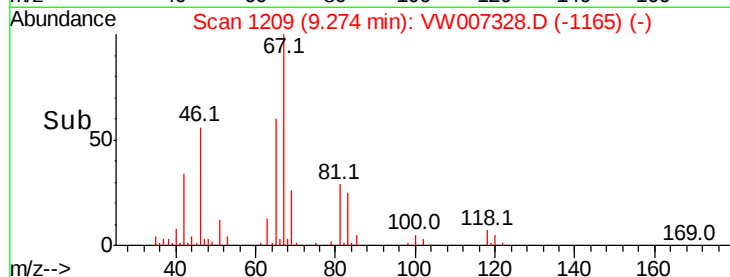
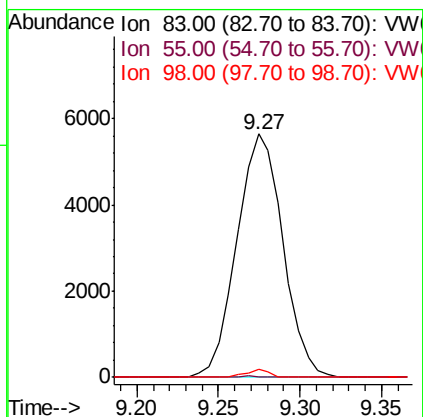
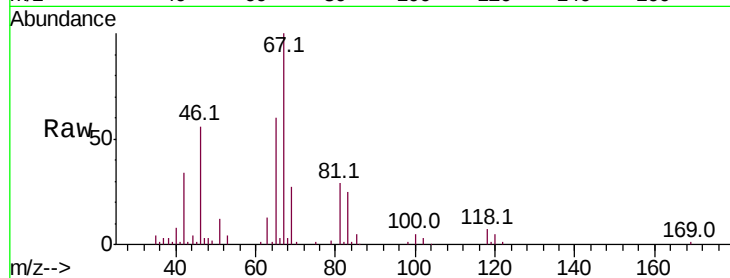




#36
Methylcyclohexane
Concen: 3.940 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007328.D
Acq: 08 Dec 2018 00:52

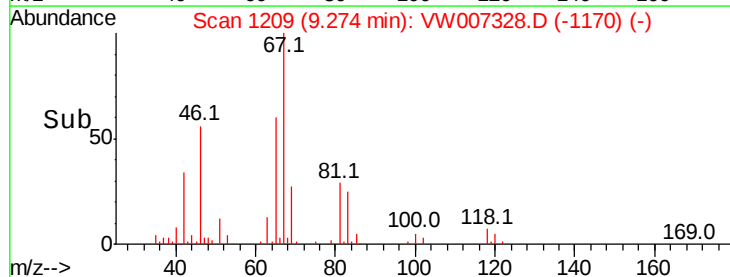
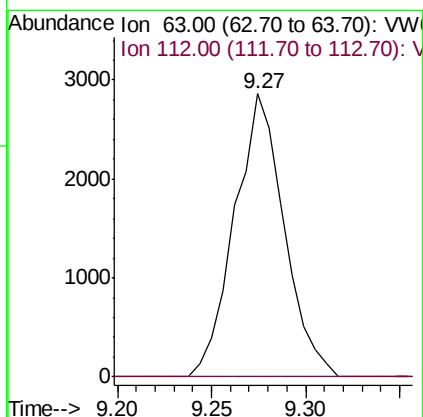
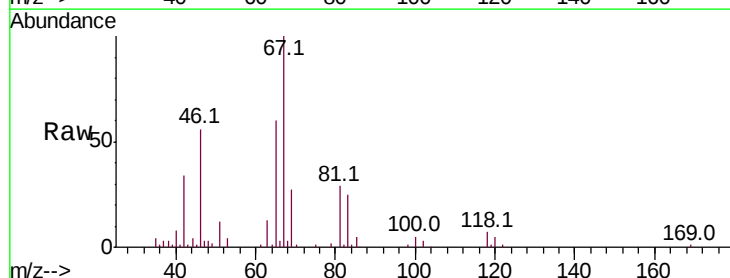
Instrument :
MSVOA_W
ClientSampled :
F9F24

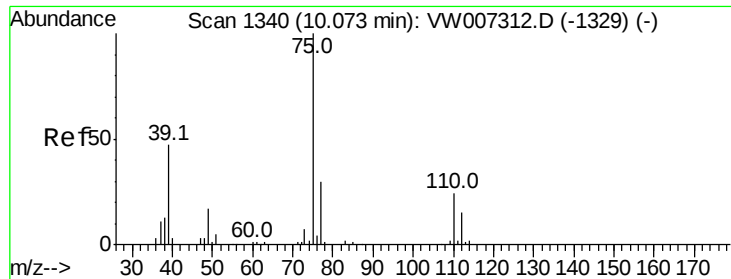
Tot Ion: 83 Resp: 11069
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.2#
98 1.6 38.1 57.1#



#40
1,2-Dichloropropane
Concen: 3.765 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW007328.D
Acq: 08 Dec 2018 00:52

Tgt Ion: 63 Resp: 5227
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#42

cis-1,3-Dichloropropene

Concen: 0.556 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

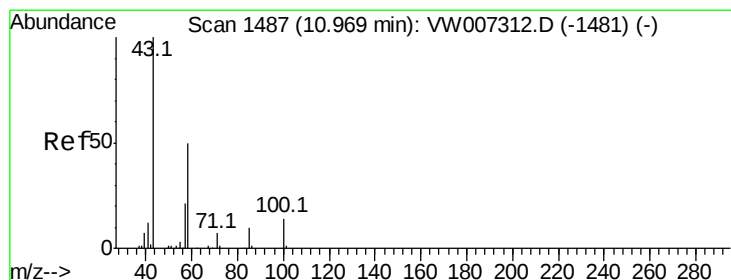
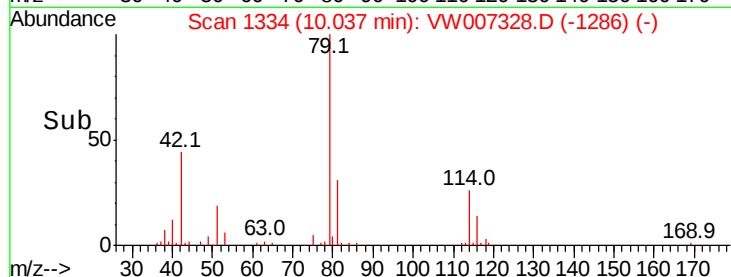
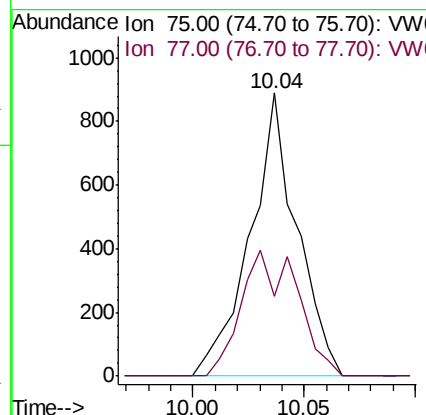
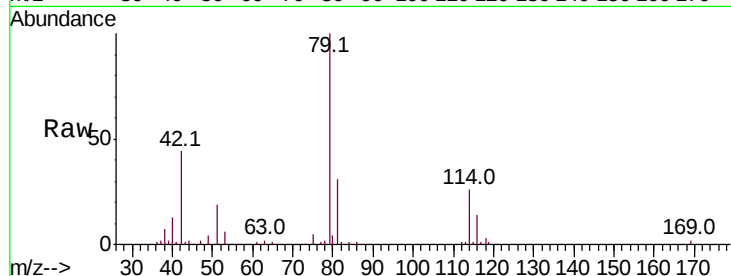
Lab File: VW007328.D

Acq: 08 Dec 2018 00:52

Instrument :
MSVOA_W
ClientSampleId :
F9F24

Tot Ion: 75 Resp: 1297

Ion	Ratio	Lower	Upper
75	100		
77	28.2	23.0	42.6



#49

2-Hexanone

Concen: 3.264 ug/L

RT: 10.93 min Scan# 1480

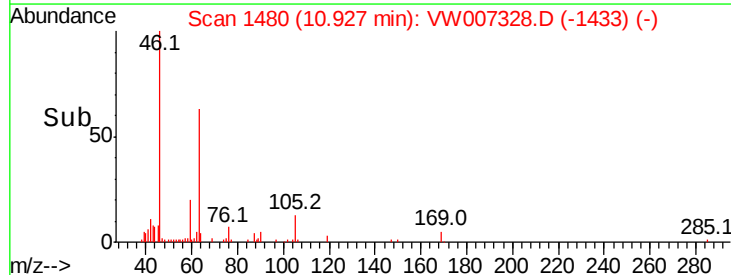
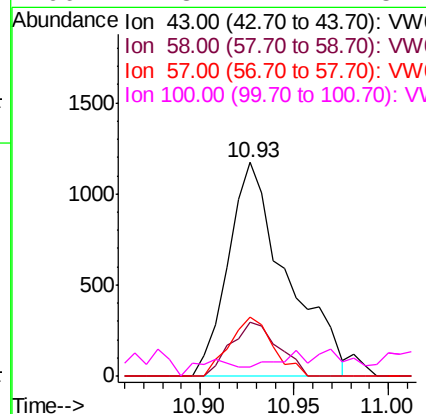
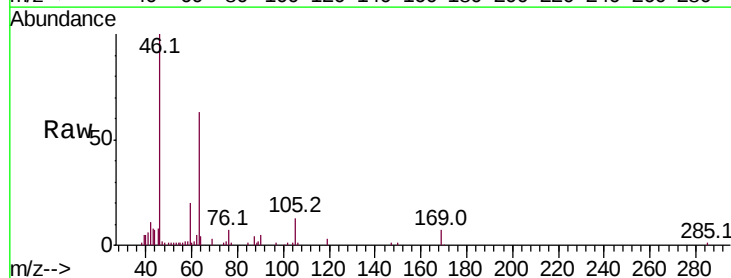
Delta R.T. -0.04 min

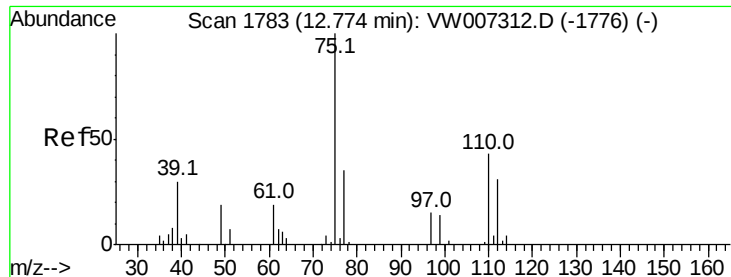
Lab File: VW007328.D

Acq: 08 Dec 2018 00:52

Tgt Ion: 43 Resp: 2521

Ion	Ratio	Lower	Upper
43	100		
58	20.4	47.2	70.8#
57	20.4	17.6	26.4
100	2.3	12.2	18.2#





#59

1,2,3-Trichloropropane

Concen: 4.425 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW007328.D

Acq: 08 Dec 2018 00:52

Instrument :

MSVOA_W

ClientSampleId :

F9F24

Tot Ion: 75 Resp: 4964

Ion Ratio Lower Upper

75 100

77 36.8 26.5 39.7

