

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121218\
 Data File : VW007397.D
 Acq On : 11 Dec 2018 15:24
 Operator : SY/AP
 Sample : J6271-10
 Misc : 5.96G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 02:42:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 11 01:18:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	129603	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	116721	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	51524	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	23272	27.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.28%
7) Chloroethane-d5	2.90	69	17371	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.20%
10) 1,1-Dichloroethene-d2	4.01	63	59435	20.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.64%
20) 2-Butanone-d5	7.08	46	24701	46.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.84%
24) Chloroform-d	7.65	84	83198	27.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.88%
26) 1,2-Dichloroethane-d4	8.31	65	51210	29.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.72%
29) Benzene-d6	8.27	84	163622	25.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.24%
33) 1,2-Dichloropropane-d6	9.27	67	47578	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.20%
37) Toluene-d8	10.32	98	155110	26.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.40%
38) trans-1,3-Dichloropropene-	10.58	79	23528	25.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.76%
39) 2-Hexanone-d5	10.93	63	19703	45.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.48%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	43201	26.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	50346	27.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.12%

Target Compounds

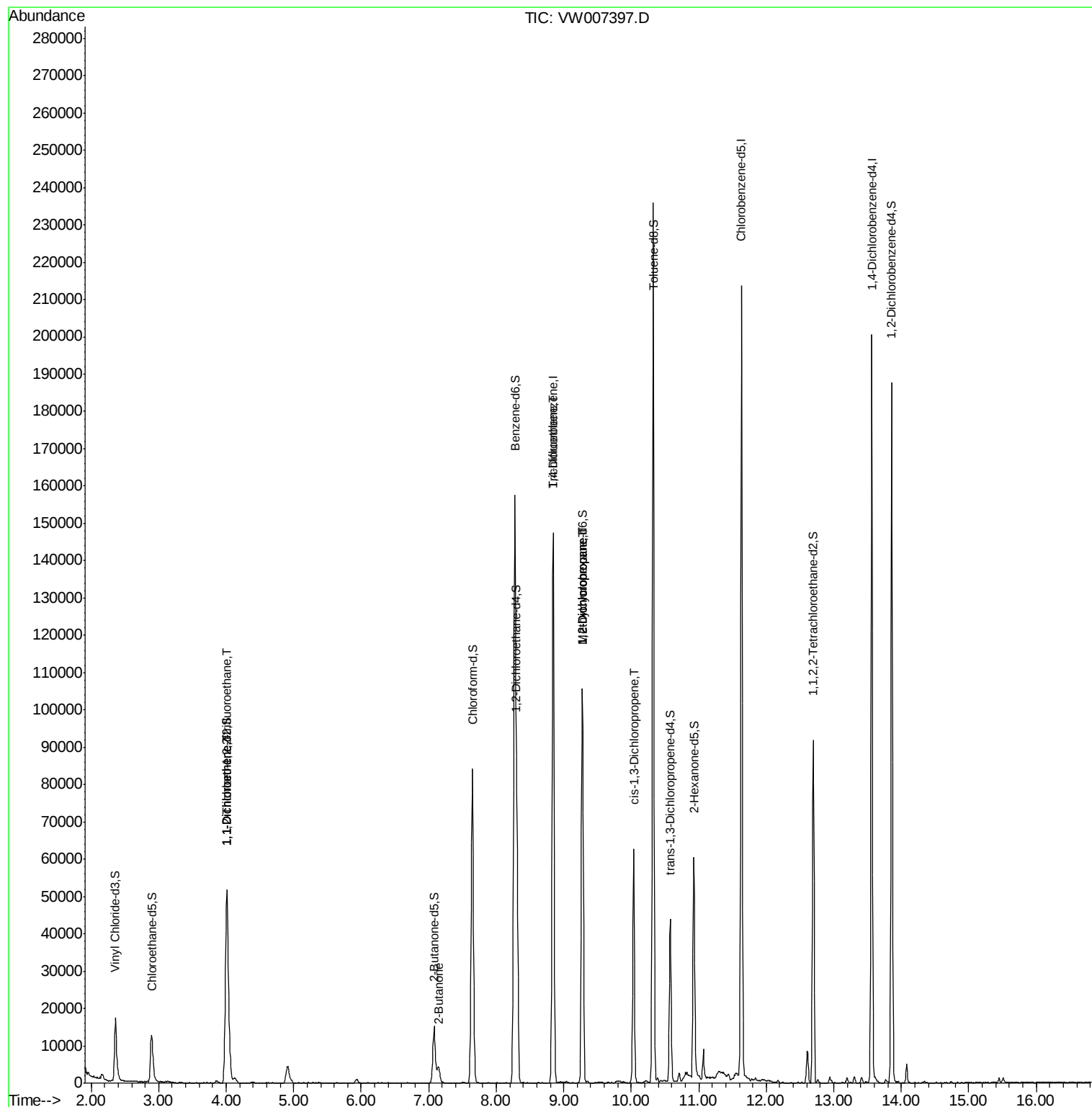
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	582	0.356 ug/L #	17
12) 1,1-Dichloroethene	4.01	96	585	0.384 ug/L #	1
21) 2-Butanone	7.16	43	378	0.568 ug/L #	45
35) Trichloroethene	8.85	95	4225	2.202 ug/L #	4
36) Methylcyclohexane	9.27	83	12361	3.732 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	5620	3.434 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1724	0.627 ug/L	94

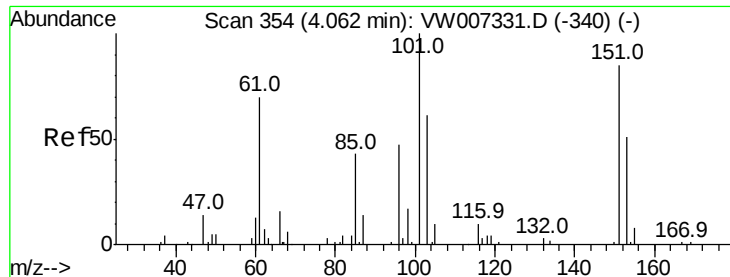
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 11 01:18:15 2018
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.356 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

Lab File: VW007397.D

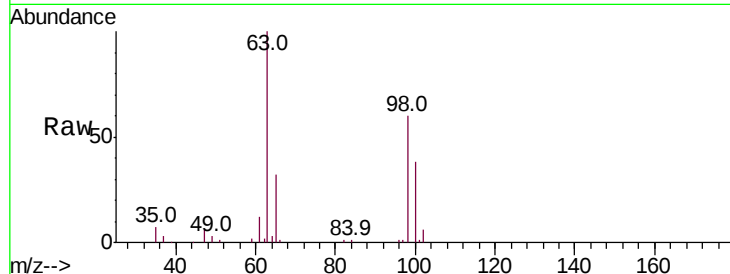
Acq: 11 Dec 2018 15:24

Instrument :

MSVOA_W

ClientSampleId :

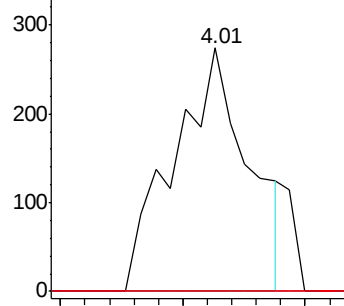
Tot Ion:	101	Resp:	582
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.4	53.2#
151	0.0	64.8	97.2#



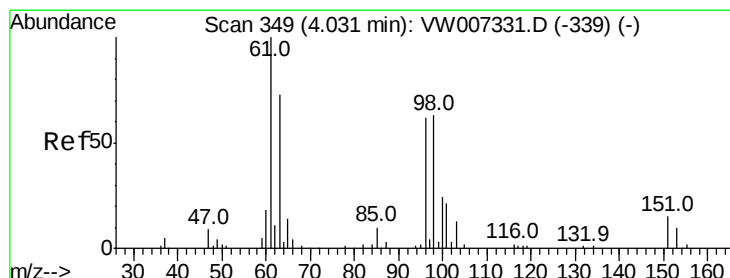
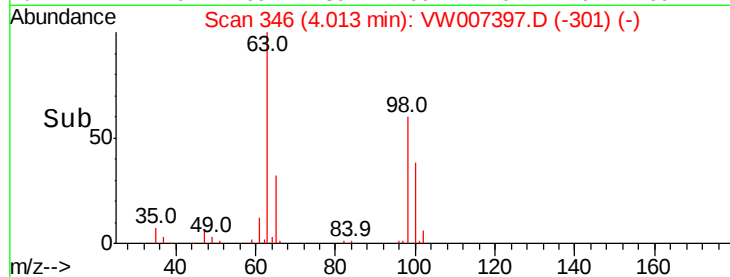
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



Time--> 3.95 4.00 4.05



#12

1,1-Dichloroethene

Concen: 0.384 ug/L

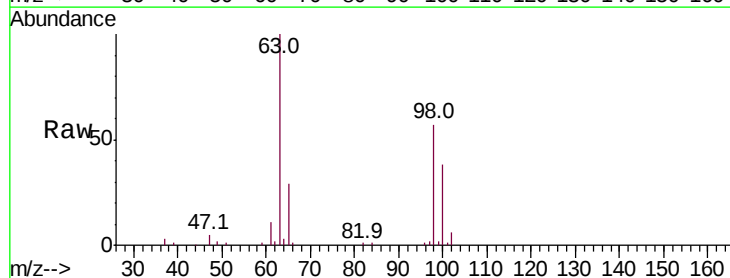
RT: 4.01 min Scan# 345

Delta R.T. -0.02 min

Lab File: VW007397.D

Acq: 11 Dec 2018 15:24

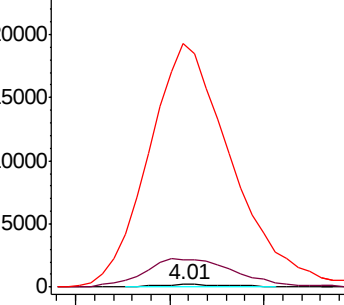
Tgt Ion:	96	Resp:	585
Ion	Ratio	Lower	Upper
96	100		
61	1106.6	117.2	217.8#
63	9836.7	89.7	166.7#



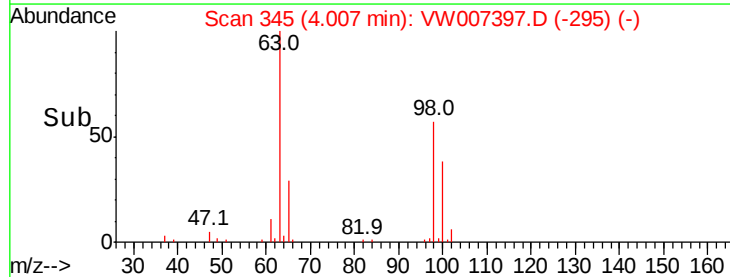
Abundance Ion 96.00 (95.70 to 96.70): VW

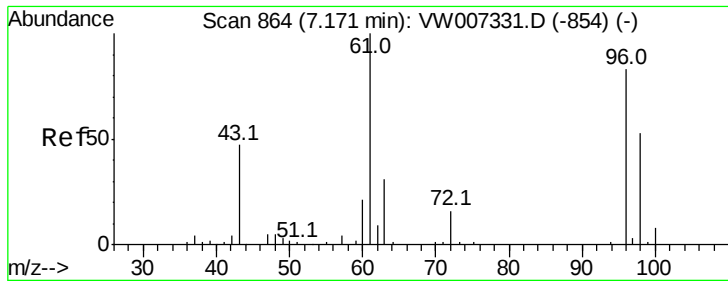
Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



Time--> 3.95 4.00 4.05





#21

2-Butanone

Concen: 0.568 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW007397.D

Acq: 11 Dec 2018 15:24

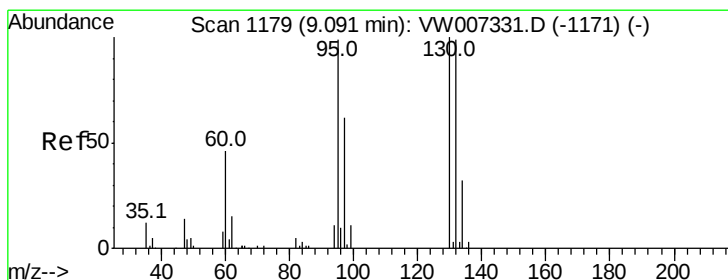
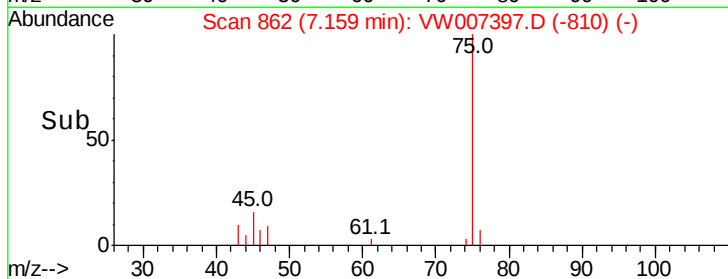
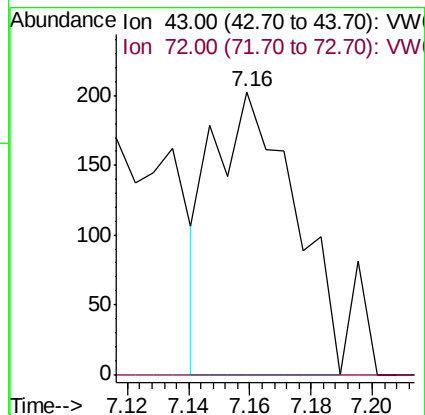
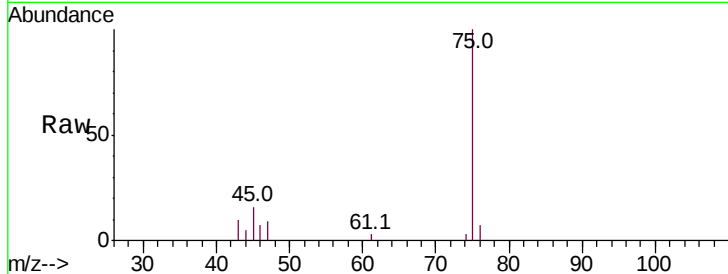
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 378

Ion Ratio Lower Upper

43 100

72 0.0 14.7 44.1#



#35

Trichloroethene

Concen: 2.202 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW007397.D

Acq: 11 Dec 2018 15:24

Tgt Ion: 95 Resp: 4225

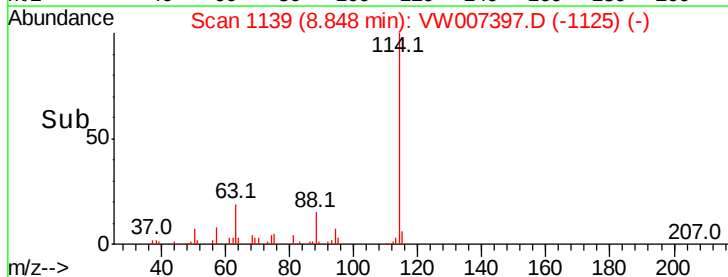
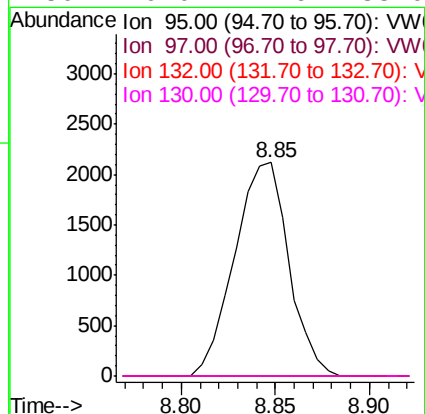
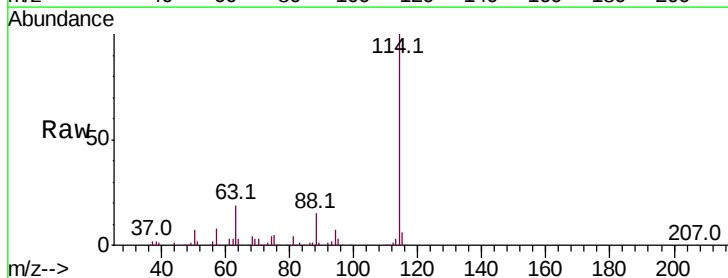
Ion Ratio Lower Upper

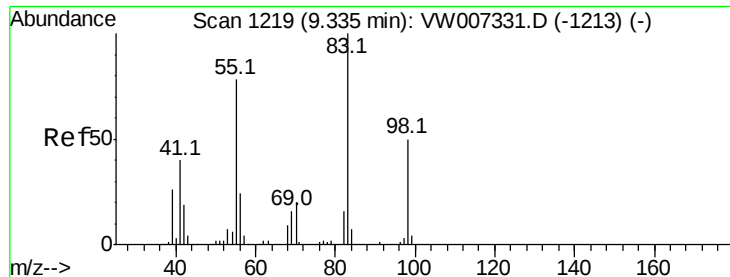
95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

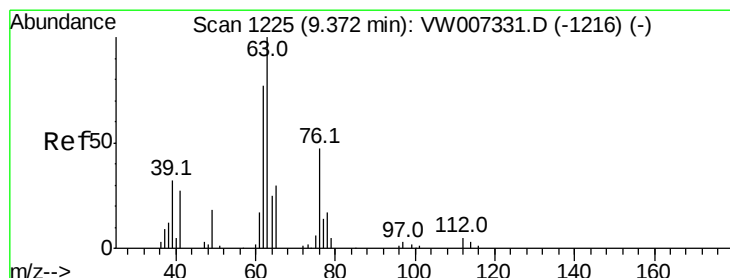
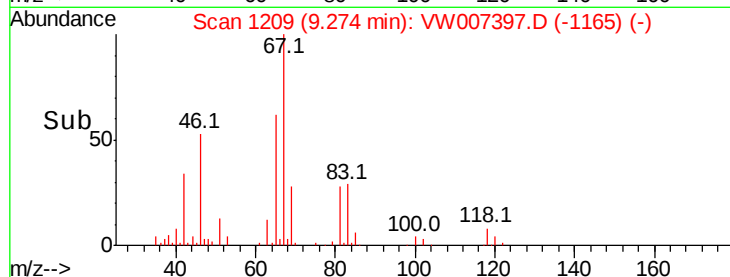
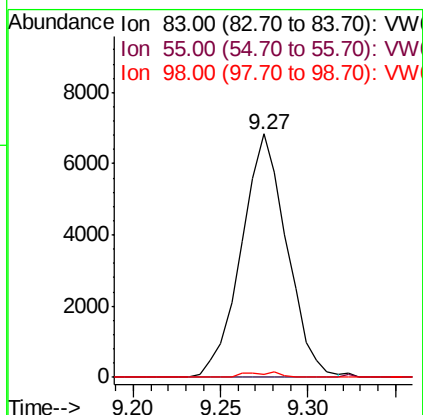
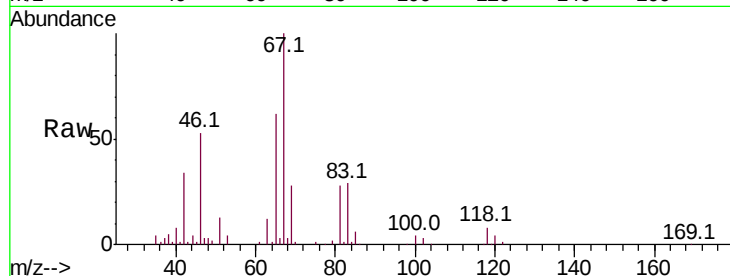




#36
Methylcyclohexane
Concen: 3.732 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007397.D
Acq: 11 Dec 2018 15:24

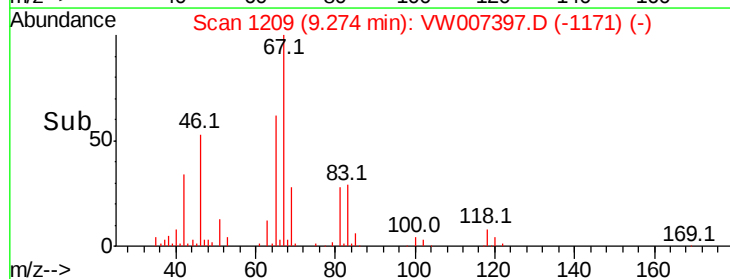
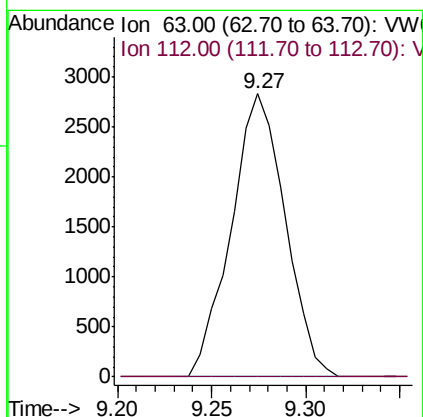
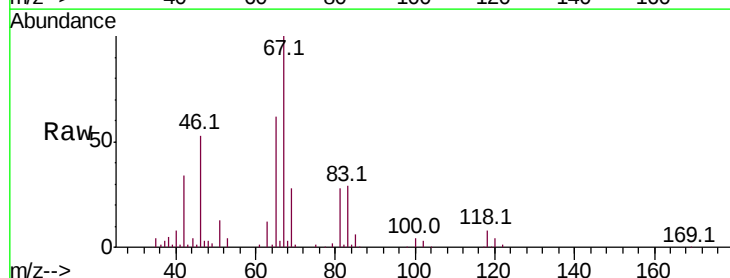
Instrument :
MSVOA_W
ClientSampleId :

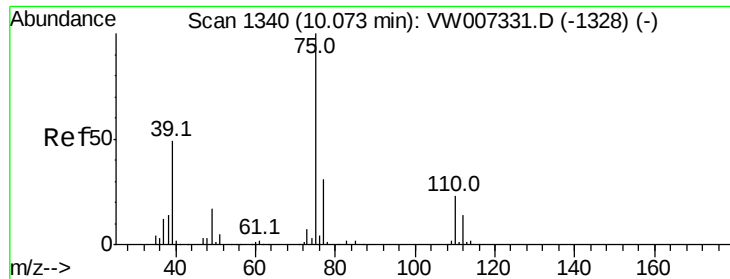
Tot Ion: 83 Resp: 12361
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.2#
98 0.6 38.1 57.1#



#40
1,2-Dichloropropane
Concen: 3.434 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW007397.D
Acq: 11 Dec 2018 15:24

Tgt Ion: 63 Resp: 5620
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#42

cis-1,3-Dichloropropene

Concen: 0.627 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW007397.D

Acq: 11 Dec 2018 15:24

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 1724

Ion Ratio Lower Upper

75 100

77 36.3 23.0 42.6

