

Data File : VV012326.D
Acq On : 21 Aug 2019 20:45
Operator : SY/MD
Sample : K4464-03
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEJW0

Quant Time: Aug 22 03:52:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 03:48:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	219363	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	202952	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	95611	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48942	47.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.24%
7) Chloroethane-d5	1.58	69	36291	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.48%
11) 1,1-Dichloroethene-d2	2.13	63	75408	36.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.76%
21) 2-Butanone-d5	3.93	46	61774	76.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.31%
24) Chloroform-d	4.40	84	137706	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
26) 1,2-Dichloroethane-d4	5.08	65	103099	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.28%
32) Benzene-d6	5.10	84	271123	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.18%
36) 1,2-Dichloropropane-d6	6.12	67	72074	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.48%
41) Toluene-d8	7.36	98	258418	48.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.98%
43) trans-1,3-Dichloropropene-	7.66	79	42246	46.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.74%
47) 2-Hexanone-d5	8.13	63	51693	85.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	101937	48.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	107676	51.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.46%

Target Compounds

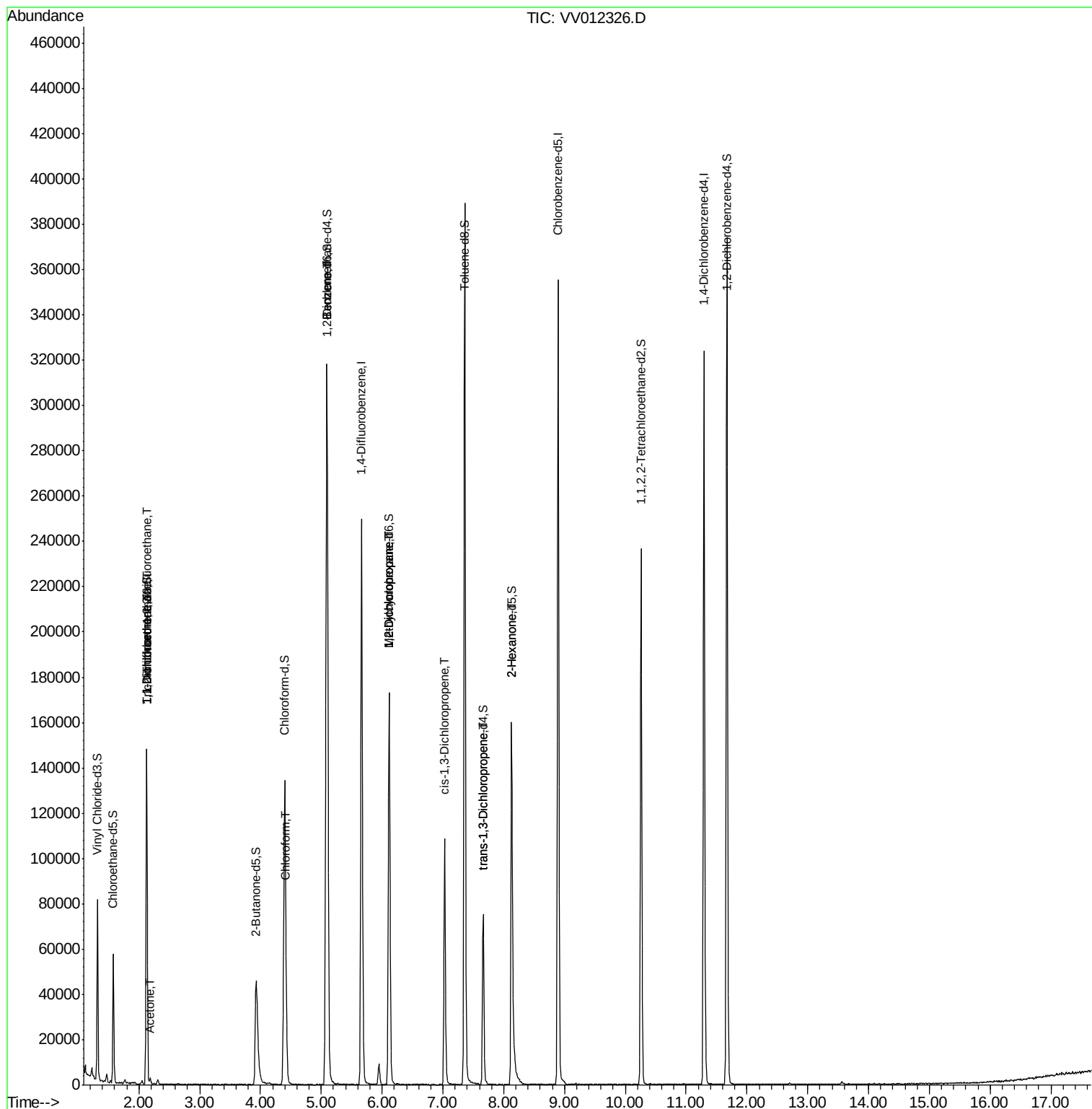
					Qvalue	
9) Trichlorofluoromethane	2.13	101	911	0.427	ug/L #	33
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	911	0.943	ug/L #	13
12) 1,1-Dichloroethene	2.13	96	667	0.756	ug/L #	1
13) Acetone	2.19	43	1364	2.245	ug/L	90
25) Chloroform	4.43	83	7193	2.599	ug/L	97
33) Benzene	5.10	78	2387	0.467	ug/L	100
35) Methylcyclohexane	6.12	83	21128	9.326	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9545	8.231	ug/L #	82
39) cis-1,3-Dichloropropene	7.03	75	2860	1.328	ug/L #	65
44) trans-1,3-Dichloropropene	7.66	75	2020	0.984	ug/L	99
48) 2-Hexanone	8.13	43	6997	5.944	ug/L #	74

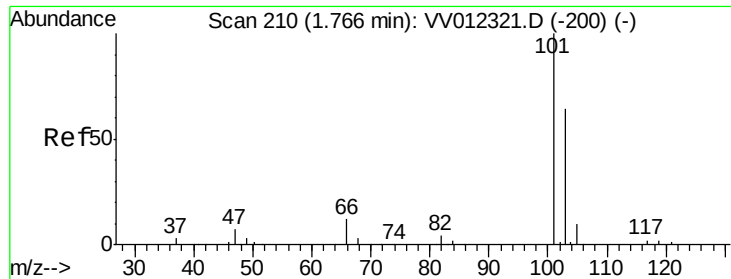
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 22 03:48:59 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.427 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.36 min

Lab File: VV012326.D

Acq: 21 Aug 2019 20:45

Instrument :

MSVOA_V

ClientSampleId :

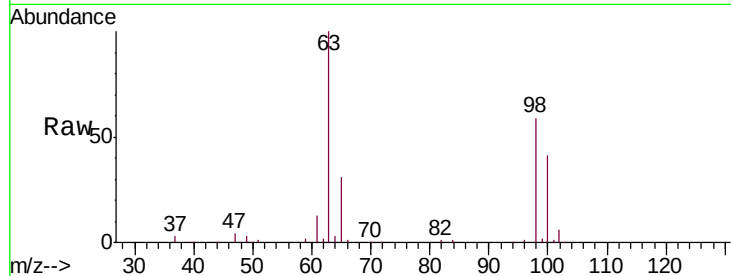
BEJW0

Tgt Ion:101 Resp: 911

Ion Ratio Lower Upper

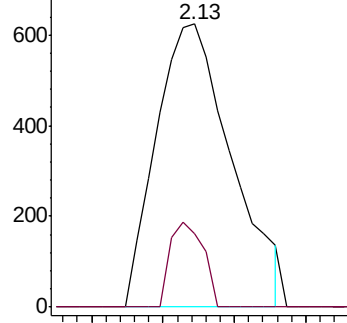
101 100

103 13.2 53.2 79.8#

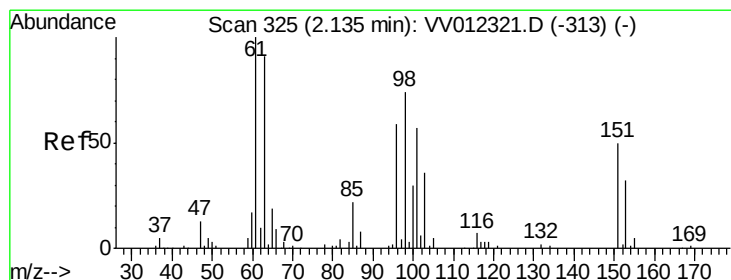
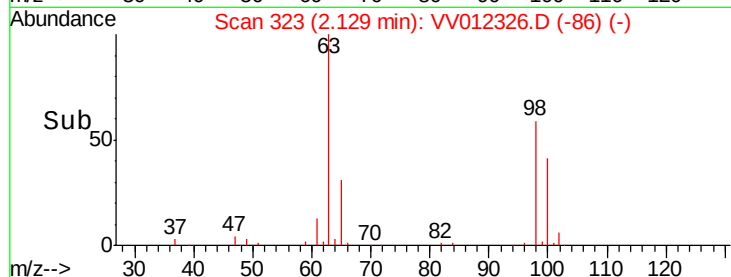


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#10

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

Concen: 0.943 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012326.D

Acq: 21 Aug 2019 20:45

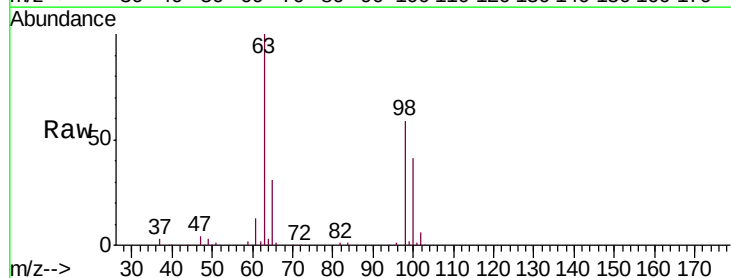
Tgt Ion:101 Resp: 911

Ion Ratio Lower Upper

101 100

85 0.0 33.7 50.5#

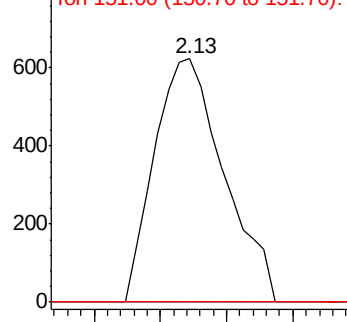
151 0.0 73.0 109.6#



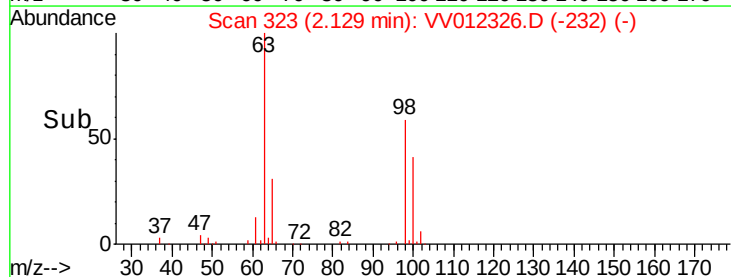
Abundance Ion 101.00 (100.70 to 101.70): V

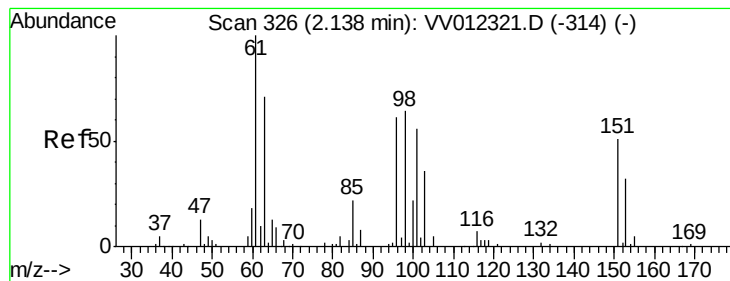
Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->





#12

1,1-Dichloroethene

Concen: 0.756 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012326.D

Acq: 21 Aug 2019 20:45

Instrument :

MSVOA_V

ClientSampled :

BEJW0

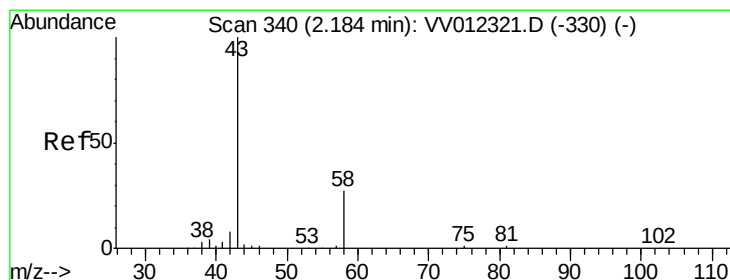
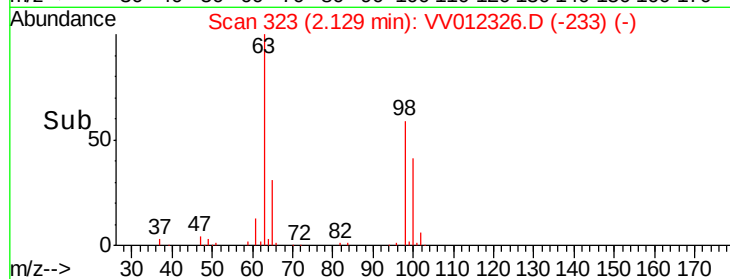
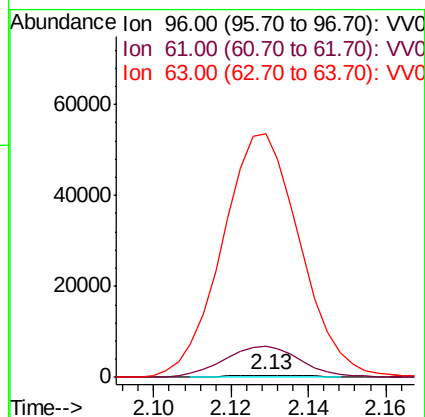
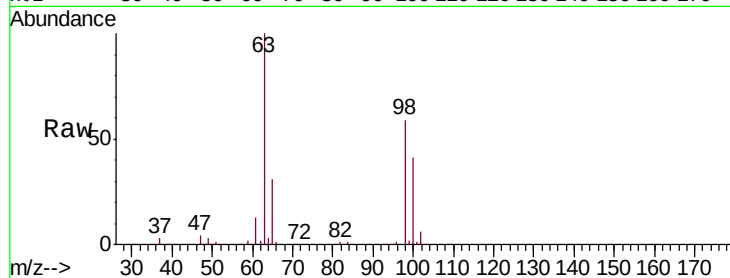
Tgt Ion: 96 Resp: 667

Ion Ratio Lower Upper

96 100

61 1459.3 122.6 227.8#

63 11347.5 98.6 183.2#



#13

Acetone

Concen: 2.245 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV012326.D

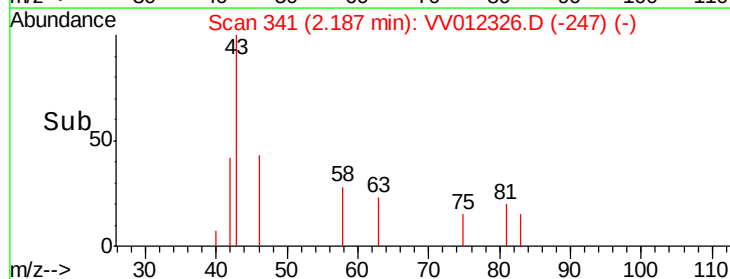
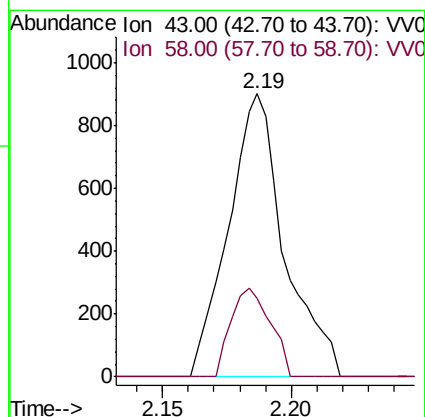
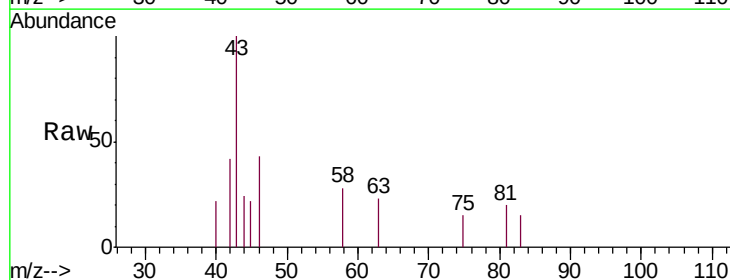
Acq: 21 Aug 2019 20:45

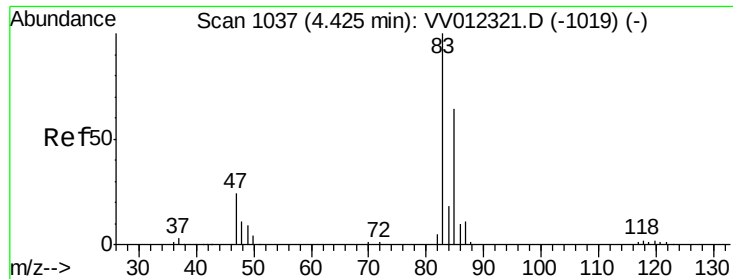
Tgt Ion: 43 Resp: 1364

Ion Ratio Lower Upper

43 100

58 22.1 0.0 54.2

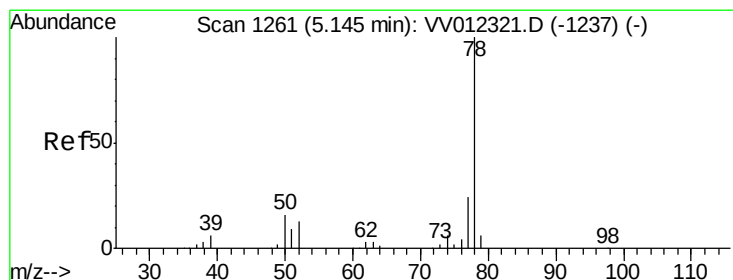
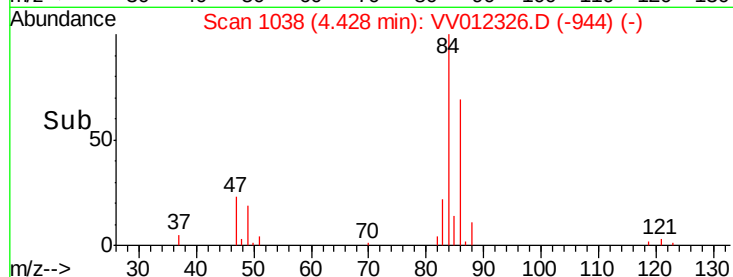
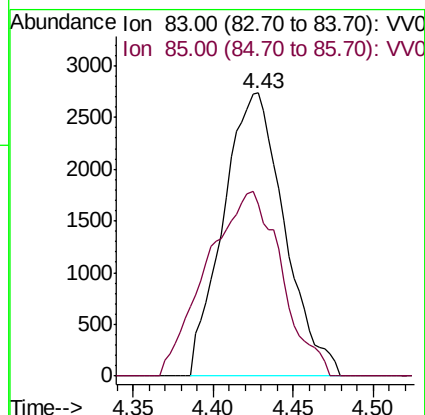
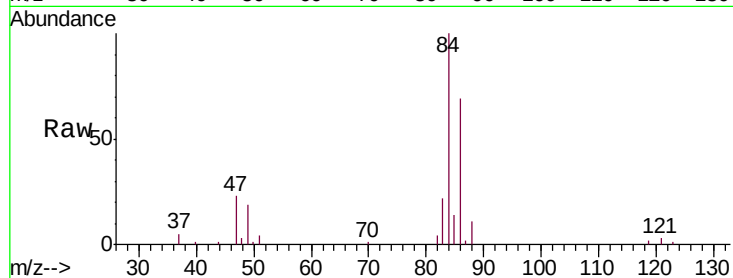




#25
Chloroform
Concen: 2.599 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012326.D
Acq: 21 Aug 2019 20:45

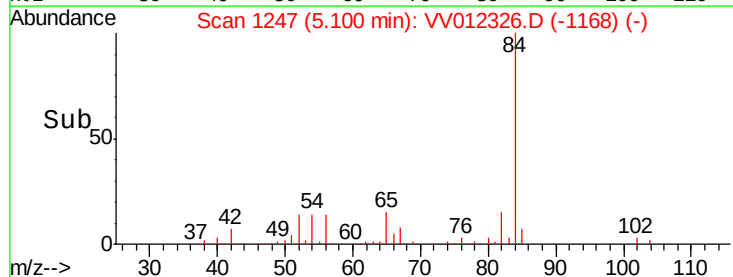
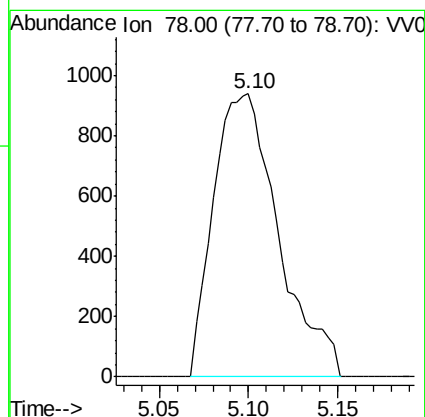
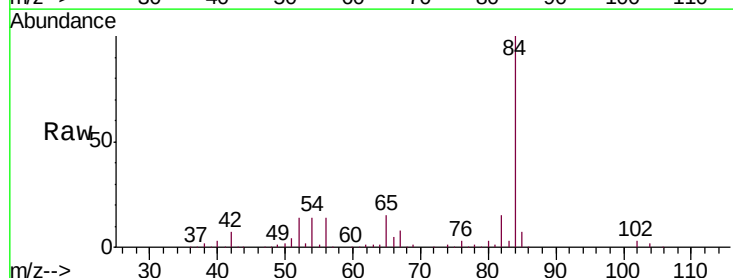
Instrument :
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ClientSampleId :
BEJW0

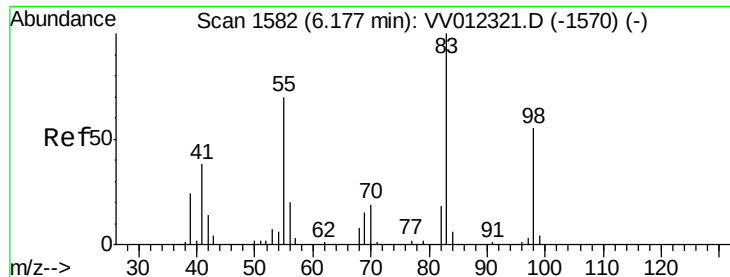
Tgt Ion: 83 Resp: 7193
Ion Ratio Lower Upper
83 100
85 60.9 44.5 82.7



#33
Benzene
Concen: 0.467 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.04 min
Lab File: VV012326.D
Acq: 21 Aug 2019 20:45

Tgt Ion: 78 Resp: 2387

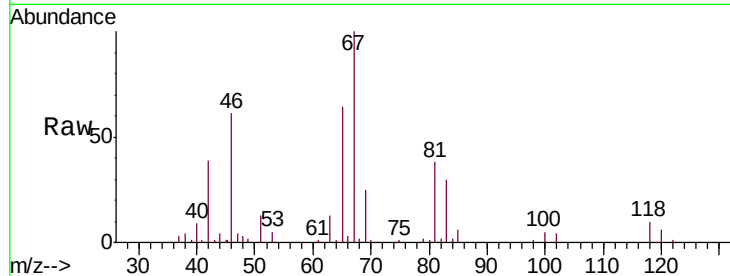




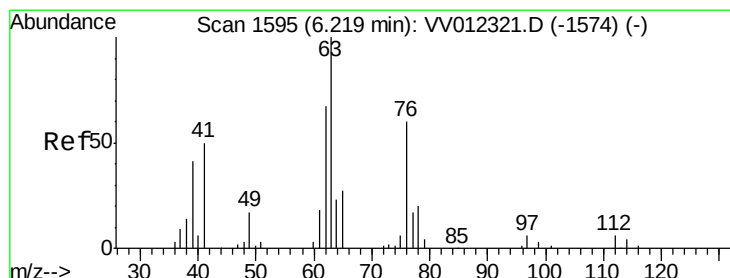
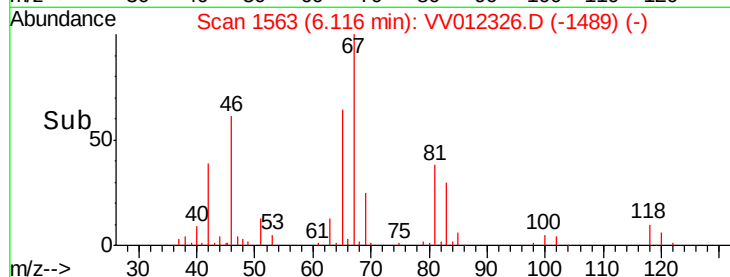
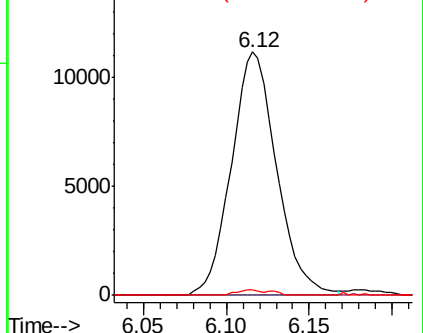
#35
Methylcyclohexane
Concen: 9.326 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012326.D
Acq: 21 Aug 2019 20:45

Instrument :
MSVOA_V
ClientSampleId :
BEJW0

Tgt Ion: 83 Resp: 21128
Ion Ratio Lower Upper
83 100
55 0.0 56.2 84.4#
98 1.2 42.2 63.4#

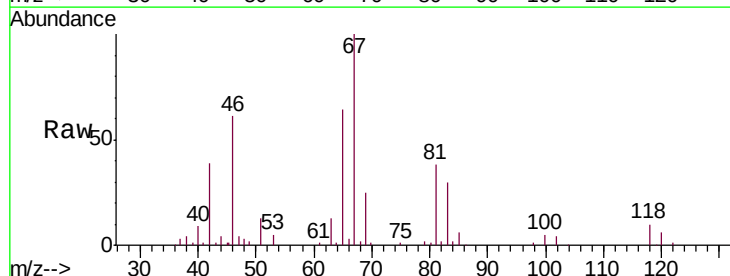


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

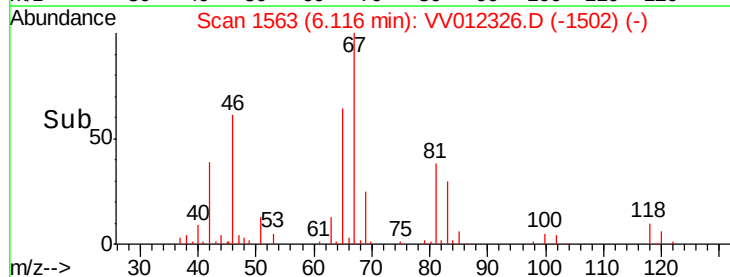
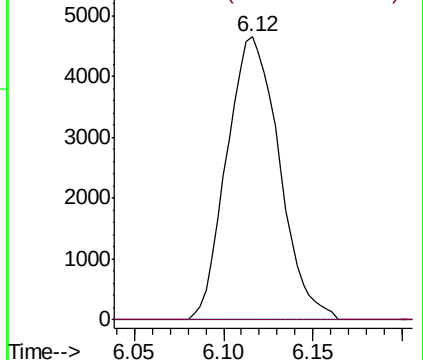


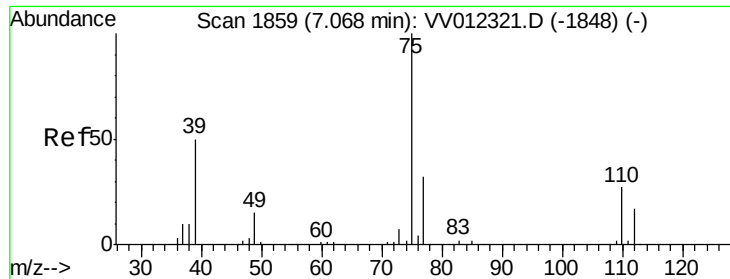
#37
1,2-Dichloropropane
Concen: 8.231 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012326.D
Acq: 21 Aug 2019 20:45

Tgt Ion: 63 Resp: 9545
Ion Ratio Lower Upper
63 100
112 0.0 4.7 7.1#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

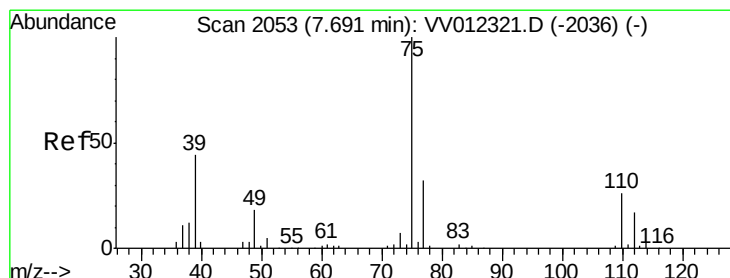
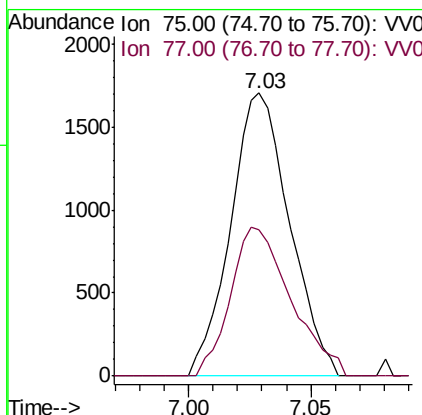
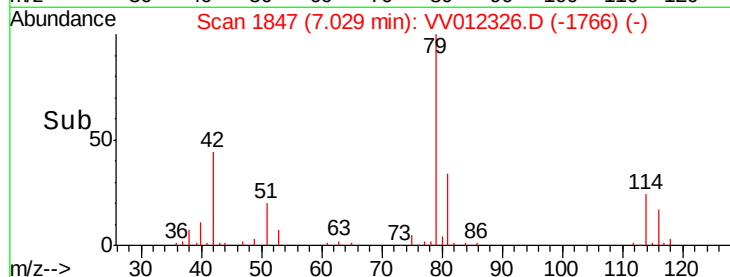
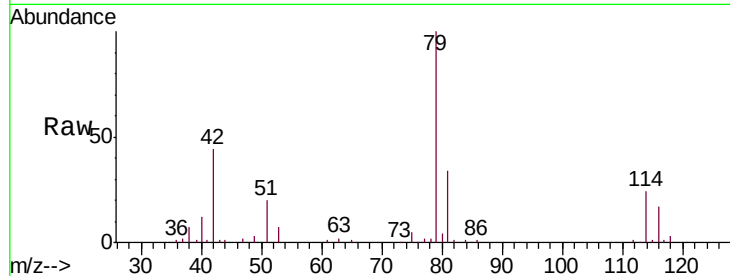




#39
 cis-1,3-Dichloropropene
 Concen: 1.328 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012326.D
 Acq: 21 Aug 2019 20:45

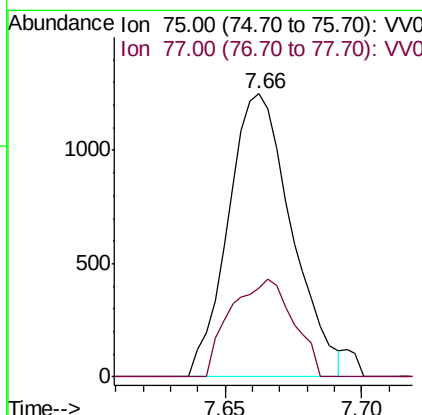
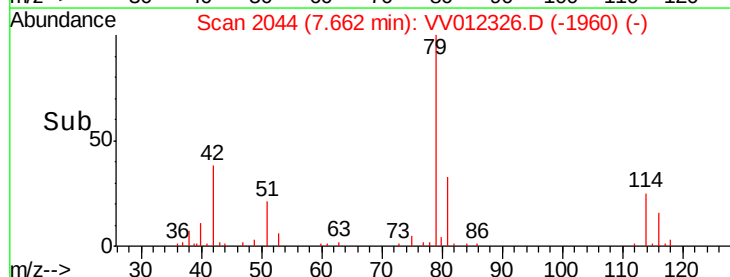
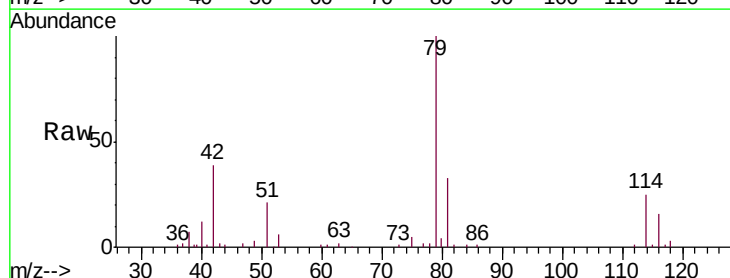
Instrument :
 MSVOA_V
 ClientSampleId :
 BEJW0

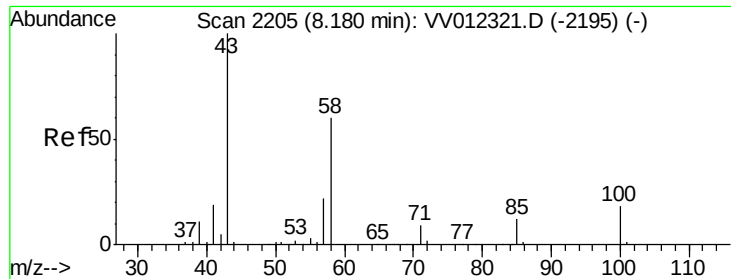
Tgt Ion: 75 Resp: 2860
 Ion Ratio Lower Upper
 75 100
 77 51.8 22.5 41.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.984 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV012326.D
 Acq: 21 Aug 2019 20:45

Tgt Ion: 75 Resp: 2020
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.7 40.3





#48
 2-Hexanone
 Concen: 5.944 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.05 min
 Lab File: VV012326.D
 Acq: 21 Aug 2019 20:45

Instrument :
 MSVOA_V
 ClientSampleId :
 BEJW0

Tgt Ion:	43	Resp:	6997
Ion	Ratio	Lower	Upper
43	100		
58	35.3	45.7	68.5#
57	24.4	16.8	25.2
100	0.0	13.7	20.5#

