

Data File : VV012193.D
Acq On : 11 Aug 2019 15:09
Operator : SY/MD
Sample : K4248-14DL 10X
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B52DL

Quant Time: Aug 12 01:38:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 01:34:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	459374	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	425799	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	199761	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102955	60.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	121.84%
7) Chloroethane-d5	1.58	69	69885	64.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	129.70%
11) 1,1-Dichloroethene-d2	2.13	63	128338	40.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.34%
21) 2-Butanone-d5	3.93	46	110764	132.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.56%#
24) Chloroform-d	4.40	84	148367	42.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.52%
26) 1,2-Dichloroethane-d4	5.08	65	92945	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.32%
32) Benzene-d6	5.10	84	340135	51.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.04%
36) 1,2-Dichloropropane-d6	6.12	67	107076	59.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.26%
41) Toluene-d8	7.36	98	311786	49.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.16%
43) trans-1,3-Dichloropropene-	7.66	79	45401	46.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.30%
47) 2-Hexanone-d5	8.13	63	70149	102.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.11%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	133890	54.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.76%
64) 1,2-Dichlorobenzene-d4	11.67	152	116110	49.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.36%

Target Compounds

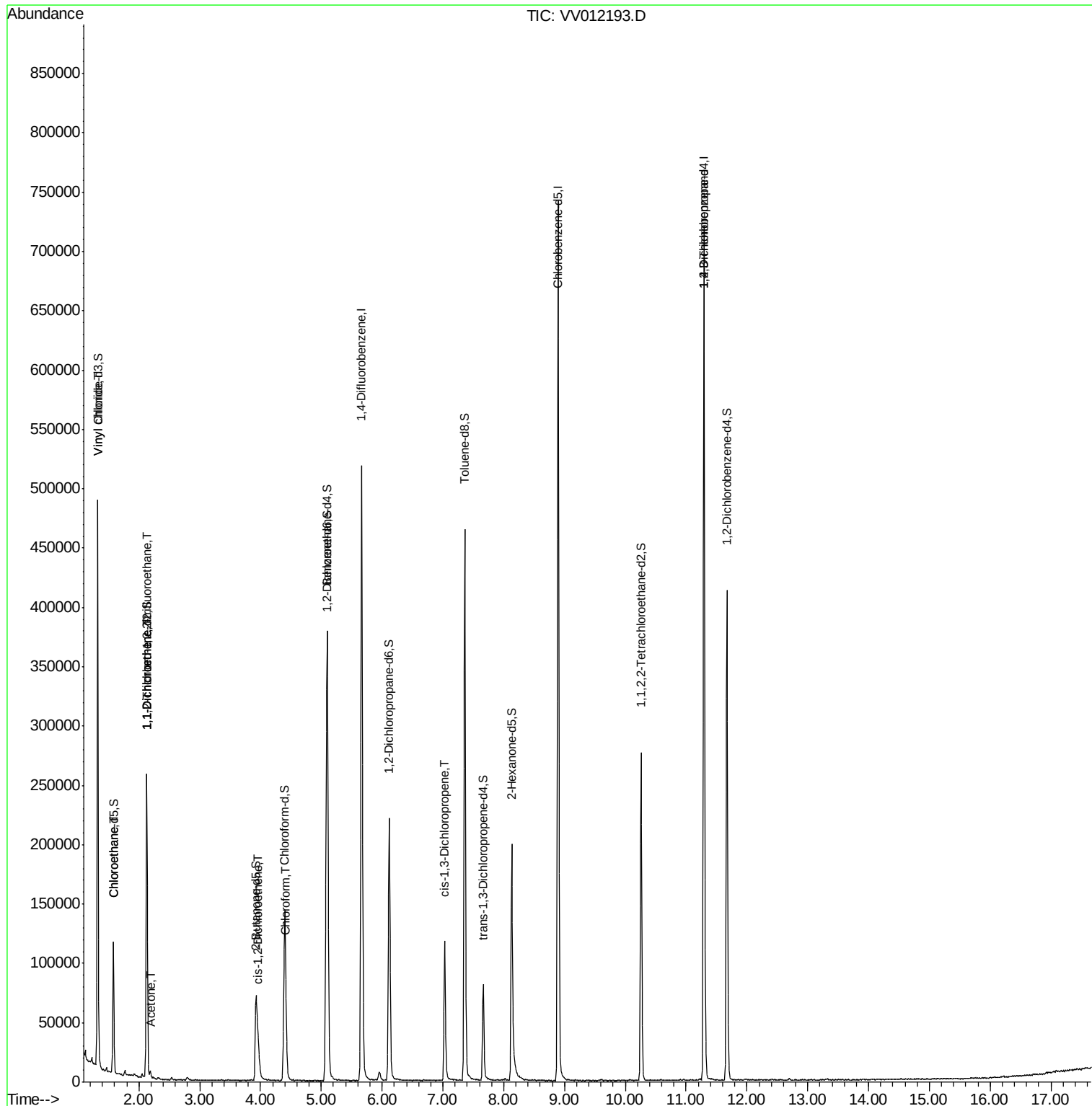
						Qvalue
5) Vinyl chloride	1.33	62	207572	81.728	ug/L	99
8) Chloroethane	1.58	64	598	0.449	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1503	0.742	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1049	0.563	ug/L #	1
13) Acetone	2.19	43	1306	1.076	ug/L	91
20) cis-1,2-Dichloroethene	3.96	96	12561	4.066	ug/L	98
25) Chloroform	4.43	83	7552	1.406	ug/L	95
39) cis-1,3-Dichloropropene	7.03	75	2984	0.668	ug/L #	61
59) 1,2,3-Trichloropropane	11.29	75	21268	6.089	ug/L	92

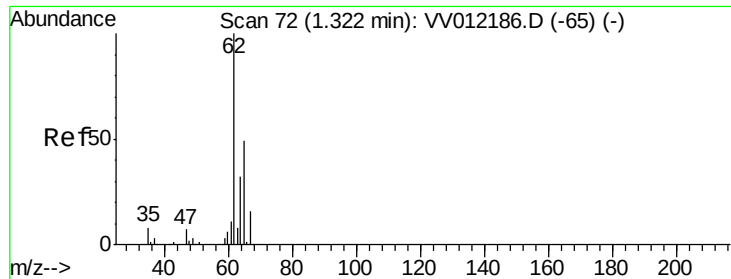
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012193.D
Acq On : 11 Aug 2019 15:09
Operator : SY/MD
Sample : K4248-14DL 10X
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B52DL

Quant Time: Aug 12 01:38:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 01:34:49 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 81.728 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV012193.D

Acq: 11 Aug 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

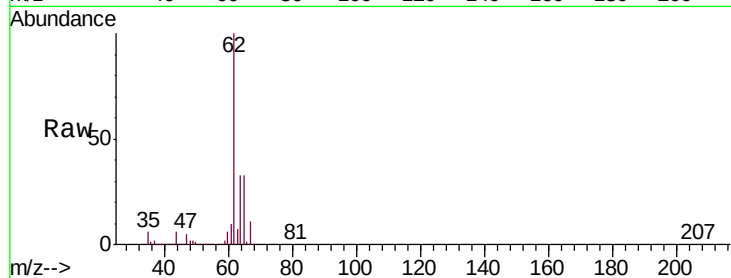
F2B52DL

Tgt Ion: 62 Resp: 207572

Ion Ratio Lower Upper

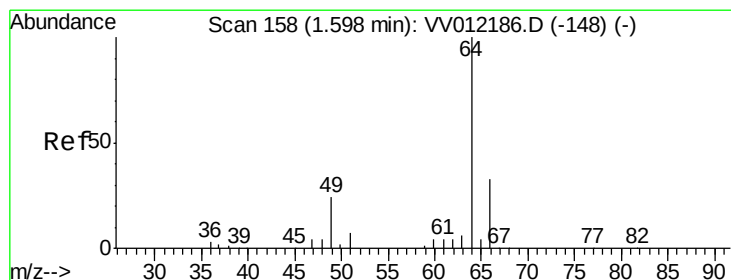
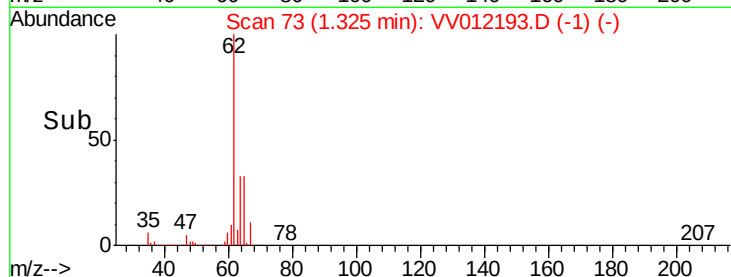
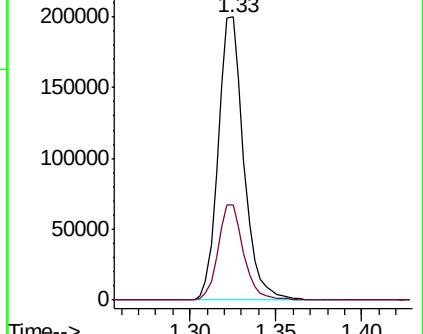
62 100

64 33.5 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#8

Chloroethane

Concen: 0.449 ug/L

RT: 1.58 min Scan# 151

Delta R.T. -0.02 min

Lab File: VV012193.D

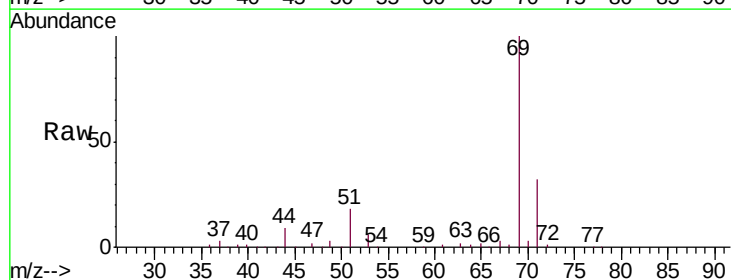
Acq: 11 Aug 2019 15:09

Tgt Ion: 64 Resp: 598

Ion Ratio Lower Upper

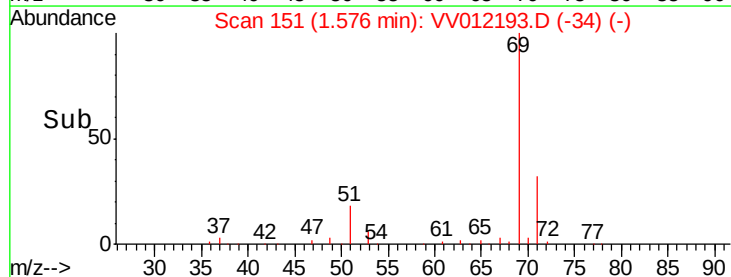
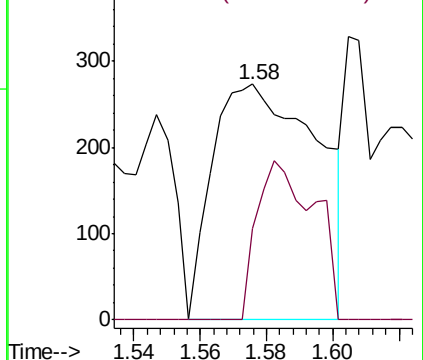
64 100

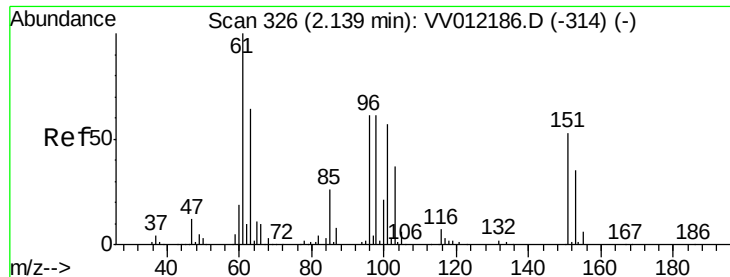
66 38.8 22.9 42.5



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0





#10

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

Concen: 0.742 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012193.D

Acq: 11 Aug 2019 15:09

Instrument :

MSVOA_V

ClientSampled :

F2B52DL

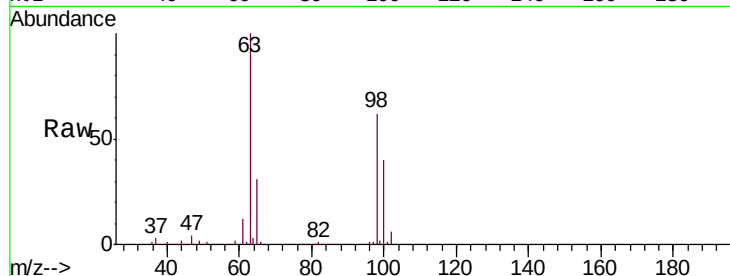
Tgt Ion: 101 Resp: 1503

Ion Ratio Lower Upper

101 100

85 3.0 33.6 50.4#

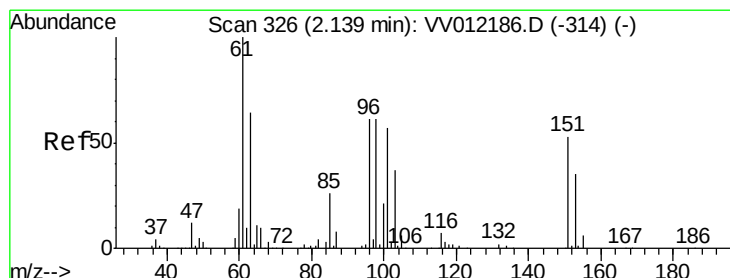
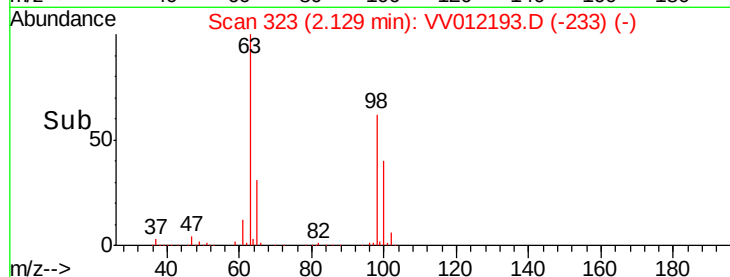
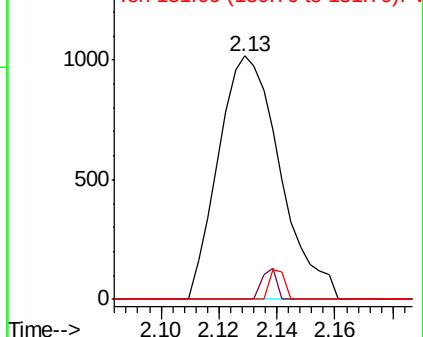
151 3.1 71.8 107.8#



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



#12

1,1-Dichloroethene

Concen: 0.563 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012193.D

Acq: 11 Aug 2019 15:09

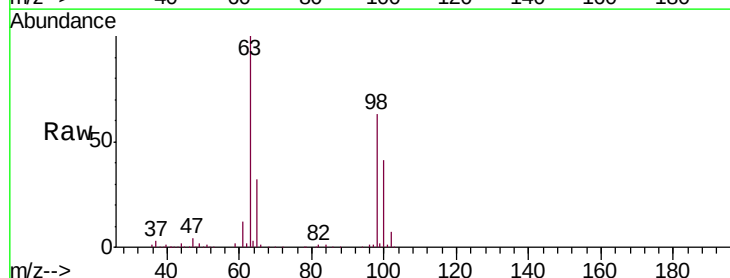
Tgt Ion: 96 Resp: 1049

Ion Ratio Lower Upper

96 100

61 1144.5 115.1 213.8#

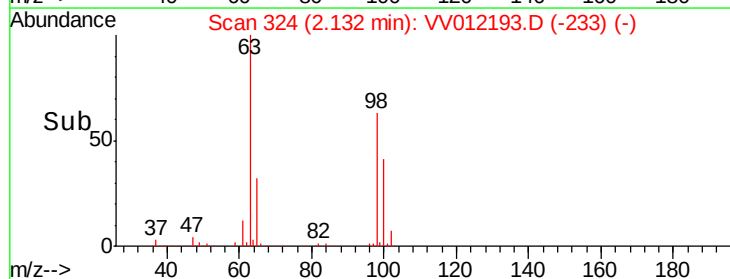
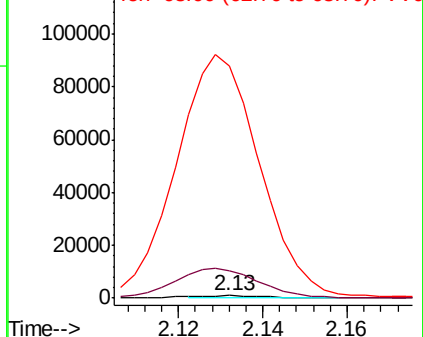
63 9572.1 83.9 155.7#

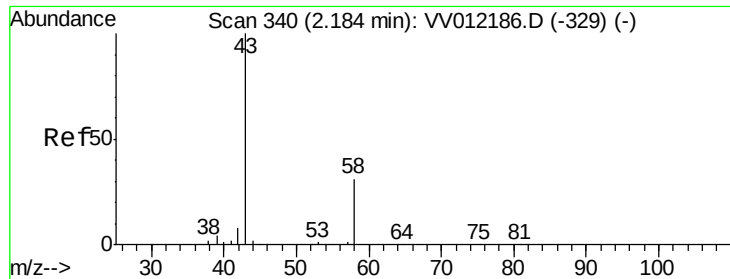


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.076 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV012193.D

Acq: 11 Aug 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

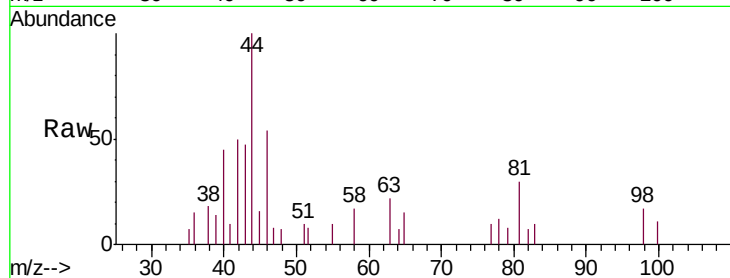
F2B52DL

Tgt Ion: 43 Resp: 1306

Ion Ratio Lower Upper

43 100

58 27.0 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV012186.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV012186.D (-329) (-)

2.19

600

400

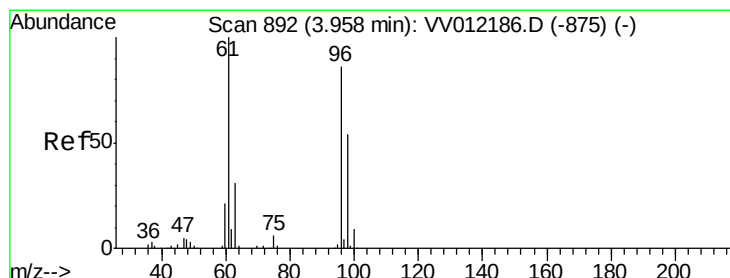
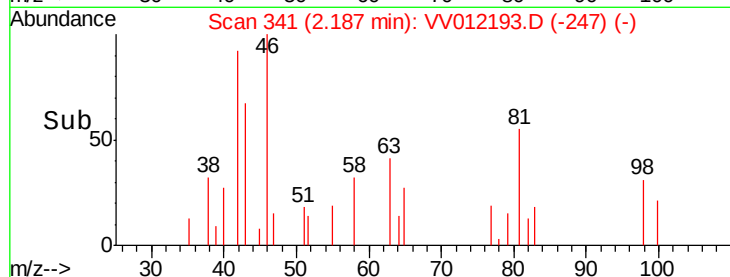
200

0

Time-->

2.15

2.20



#20

cis-1,2-Dichloroethene

Concen: 4.066 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

Lab File: VV012193.D

Acq: 11 Aug 2019 15:09

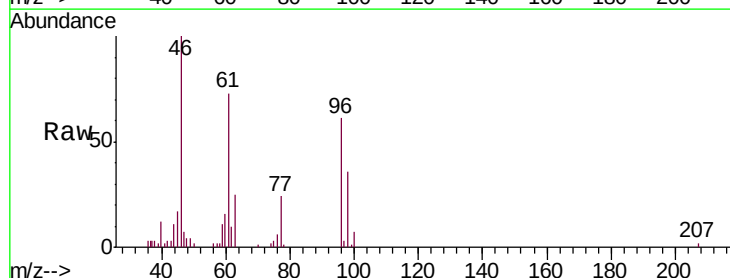
Tgt Ion: 96 Resp: 12561

Ion Ratio Lower Upper

96 100

61 120.1 82.9 153.9

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV012186.D (-875) (-)

Ion 61.00 (60.70 to 61.70): VV012186.D (-875) (-)

Ion 68.00 (67.70 to 68.70): VV012186.D (-875) (-)

8000

6000

4000

2000

0

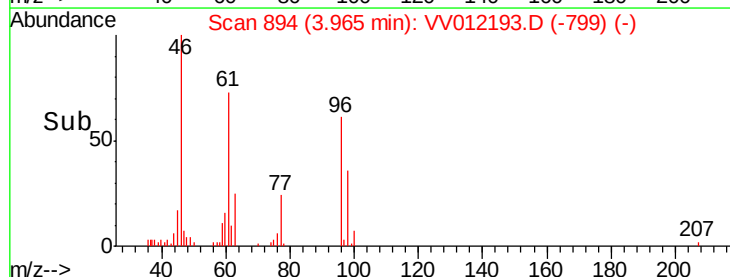
Time-->

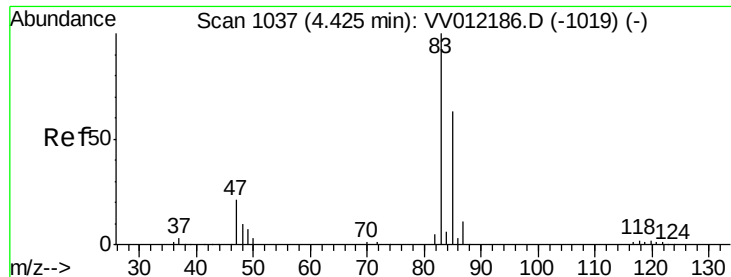
3.90

3.95

4.00

4.05

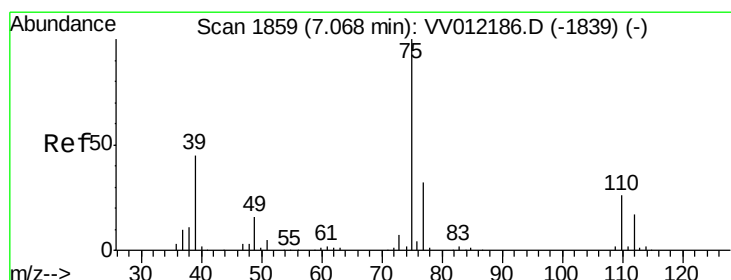
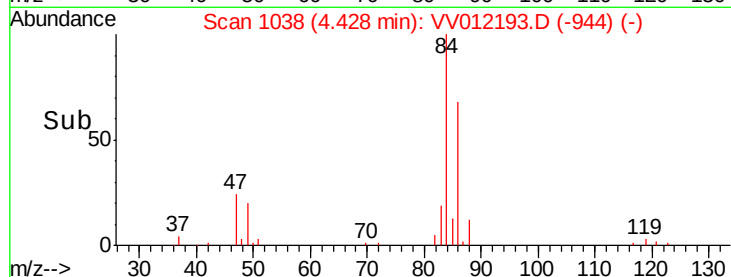
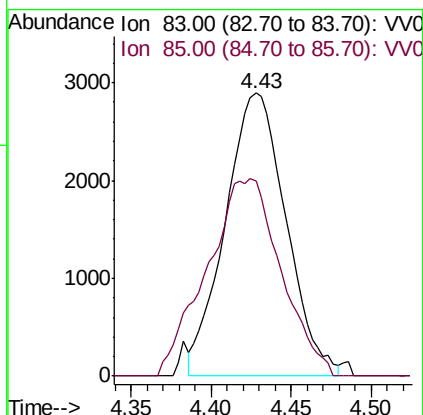
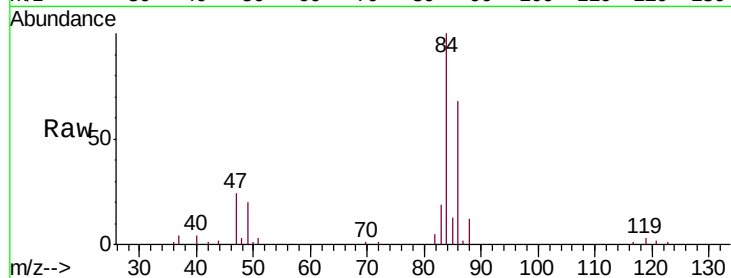




#25
Chloroform
Concen: 1.406 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012193.D
Acq: 11 Aug 2019 15:09

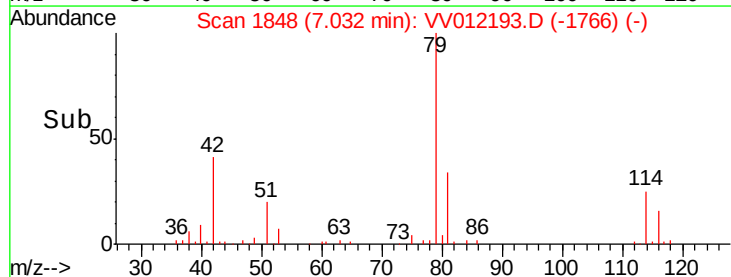
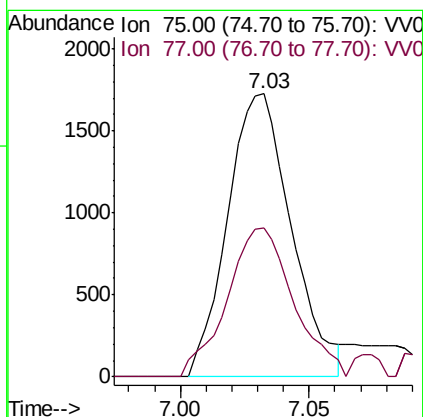
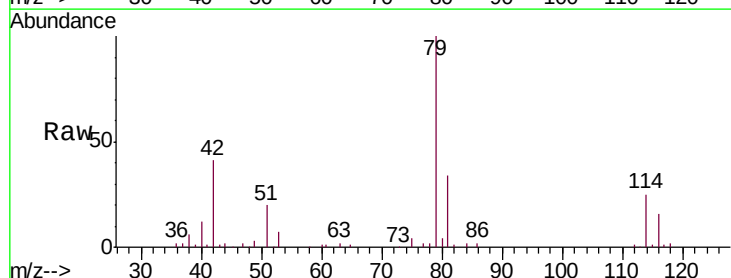
Instrument :
MSVOA_V
ClientSampleId :
F2B52DL

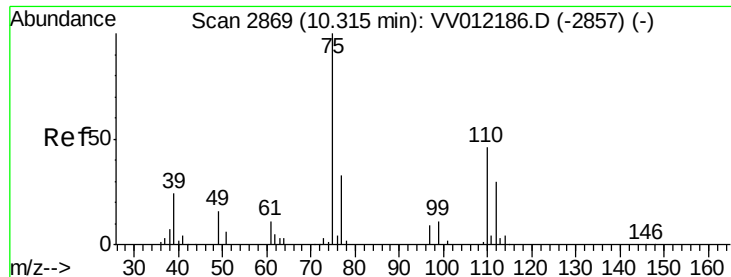
Tgt Ion: 83 Resp: 7552
Ion Ratio Lower Upper
83 100
85 69.1 45.7 84.9



#39
cis-1,3-Dichloropropene
Concen: 0.668 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV012193.D
Acq: 11 Aug 2019 15:09

Tgt Ion: 75 Resp: 2984
Ion Ratio Lower Upper
75 100
77 52.4 21.7 40.3#





#59
 1,2,3-Trichloropropane
 Concen: 6.089 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.98 min
 Lab File: VV012193.D
 Acq: 11 Aug 2019 15:09

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B52DL

Tgt Ion: 75 Resp: 21268
 Ion Ratio Lower Upper
 75 100
 77 37.2 26.3 39.5

