

Data File : VV012900.D
Acq On : 18 Sep 2019 17:17
Operator : SY/MD
Sample : K4833-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 19 01:59:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	381206	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	376423	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	142879	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	163317	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.58	69	145187	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.13	63	206931	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.98	46	65796	8.33	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	16.66%#
24) Chloroform-d	4.40	84	291971	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.08	65	147564	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.10	84	594267	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.12	67	185636	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.36	98	475829	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.66	79	59271	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.14	63	235392	41.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	124580	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	165171	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

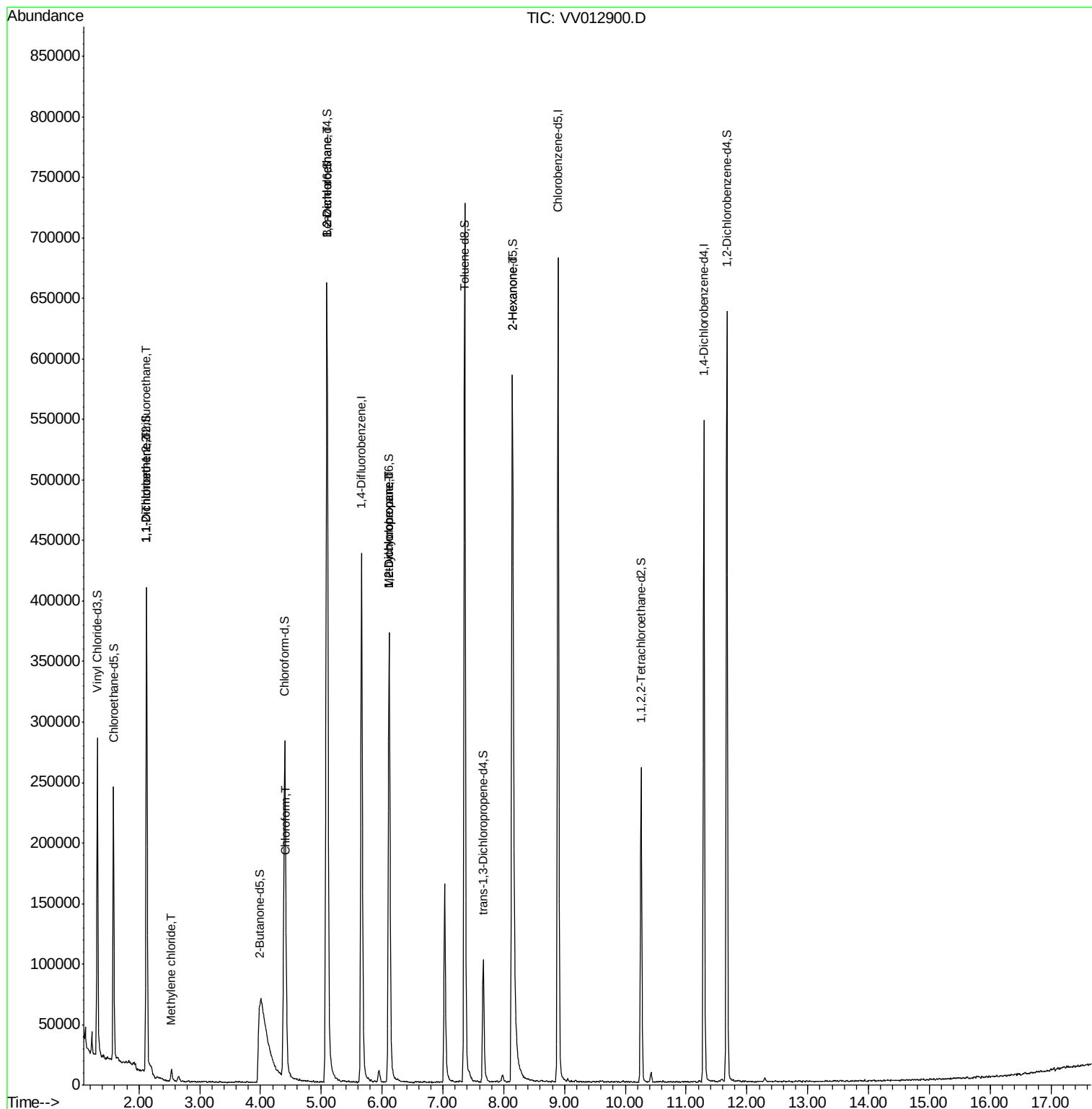
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2348	0.105	ug/L #	23
12) 1,1-Dichloroethene	2.13	96	2416	0.118	ug/L #	1
16) Methylene chloride	2.54	84	4103	0.163	ug/L	95
25) Chloroform	4.43	83	11121	0.211	ug/L	89
27) 1,2-Dichloroethane	5.09	62	1834	0.065	ug/L	98
35) Methylcyclohexane	6.12	83	43119	1.277	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	19085	0.717	ug/L #	89
48) 2-Hexanone	8.14	43	40655	3.283	ug/L #	72

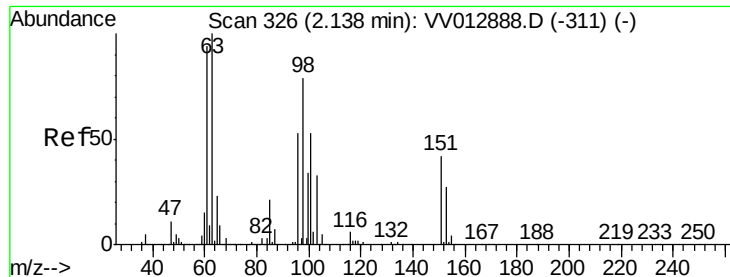
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012900.D
Acq On : 18 Sep 2019 17:17
Operator : SY/MD
Sample : K4833-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 19 01:59:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration





#10

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

Concen: 0.105 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012900.D

Acq: 18 Sep 2019 17:17

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

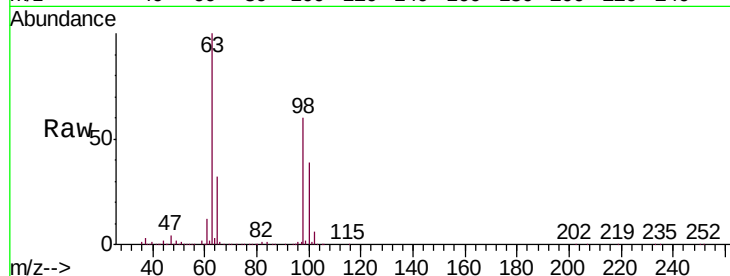
Tgt Ion: 101 Resp: 2348

Ion Ratio Lower Upper

101 100

85 1.7 33.5 50.3#

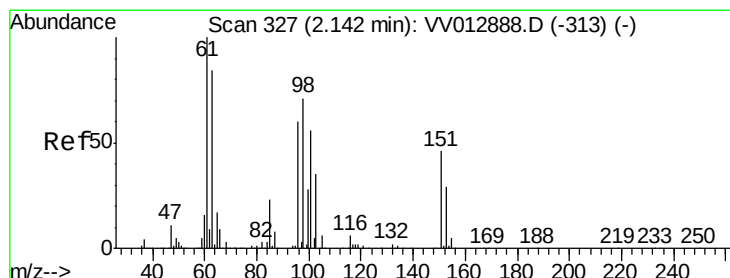
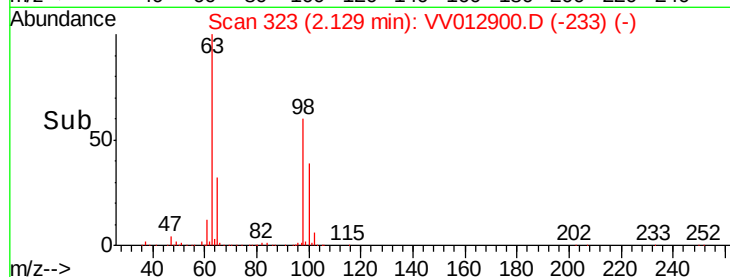
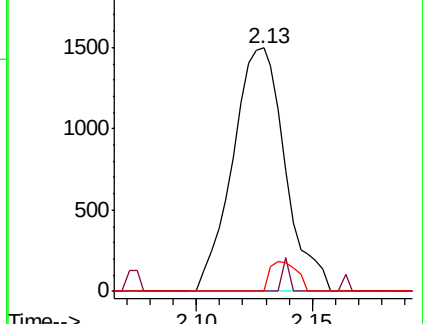
151 6.3 64.0 96.0#



Abundance Ion 101.00 (100.70 to 101.70): V

2000 Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.118 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012900.D

Acq: 18 Sep 2019 17:17

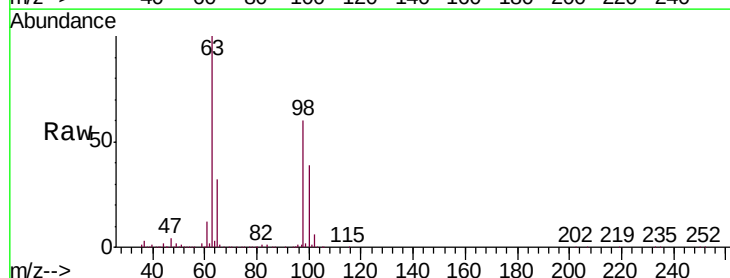
Tgt Ion: 96 Resp: 2416

Ion Ratio Lower Upper

96 100

61 1095.8 116.1 215.5#

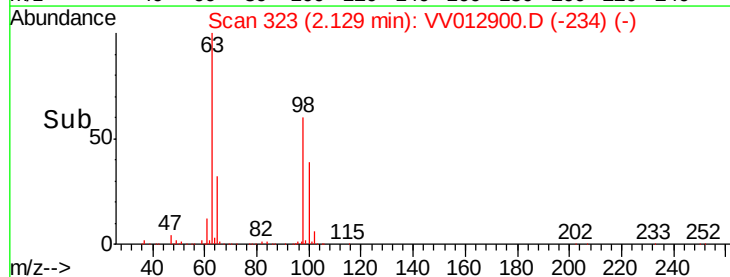
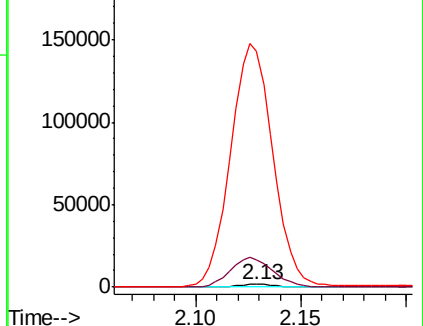
63 9290.2 113.3 210.3#

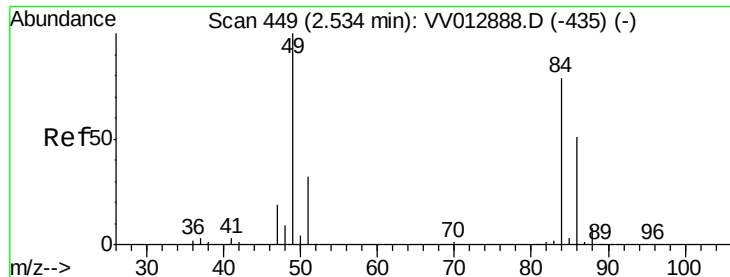


Abundance Ion 96.00 (95.70 to 96.70): VV0

200000 Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

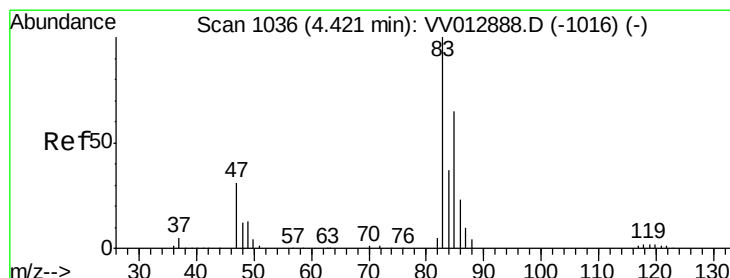
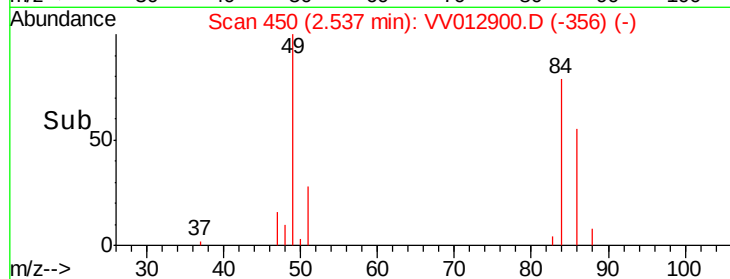
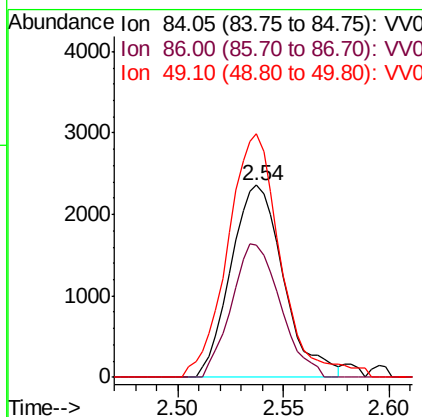
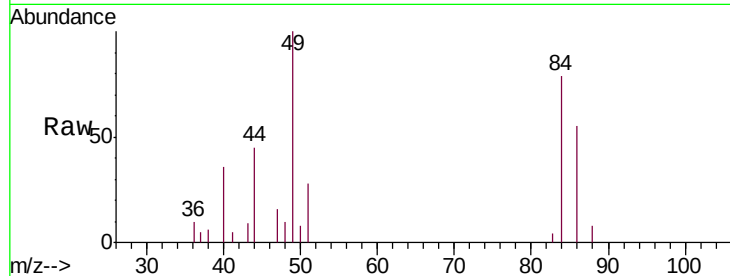




#16
Methylene chloride
Concen: 0.163 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012900.D
Acq: 18 Sep 2019 17:17

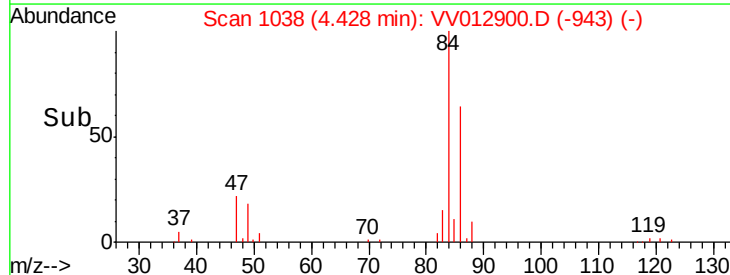
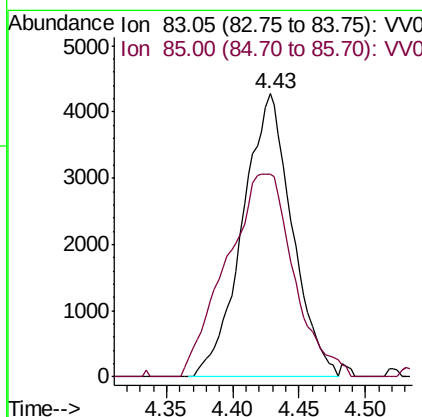
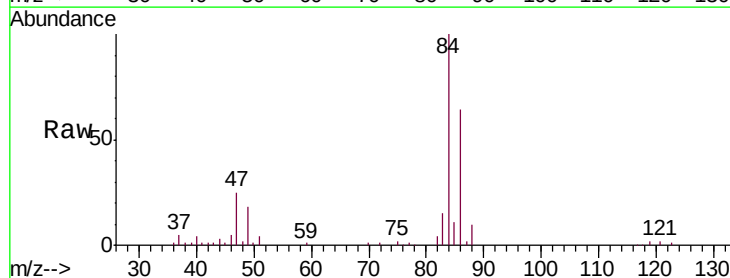
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

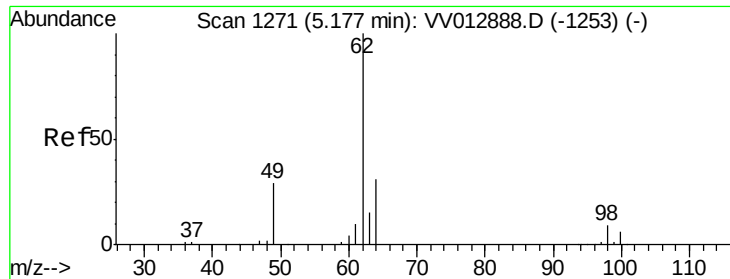
Tgt Ion: 84 Resp: 4103
Ion Ratio Lower Upper
84 100
86 69.2 44.8 83.2
49 126.9 85.9 159.5



#25
Chloroform
Concen: 0.211 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV012900.D
Acq: 18 Sep 2019 17:17

Tgt Ion: 83 Resp: 11121
Ion Ratio Lower Upper
83 100
85 71.9 44.4 82.5

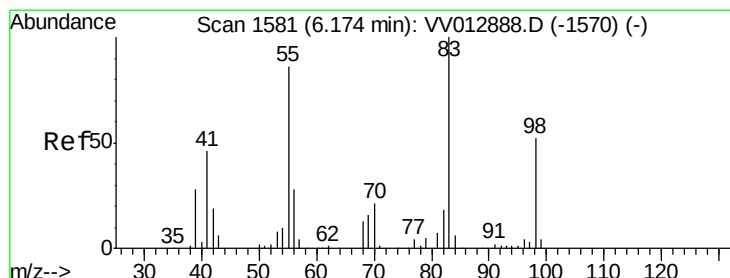
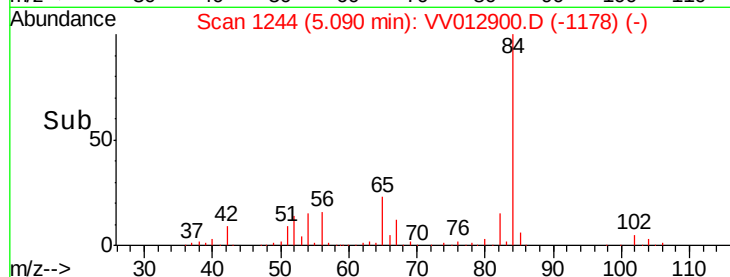
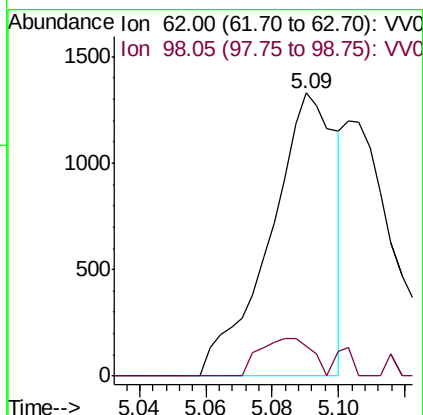
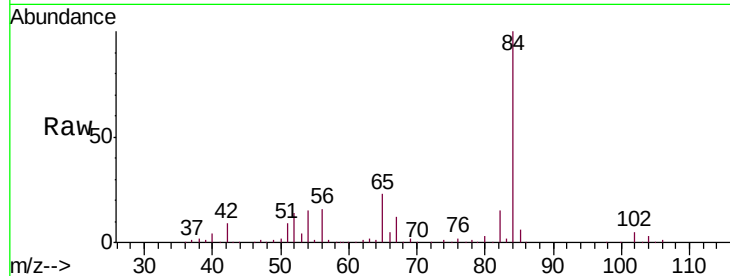




#27
 1,2-Dichloroethane
 Concen: 0.065 ug/L
 RT: 5.09 min Scan# 1244
 Delta R.T. -0.09 min
 Lab File: VV012900.D
 Acq: 18 Sep 2019 17:17

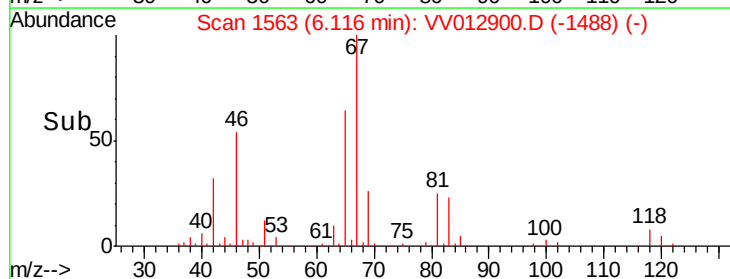
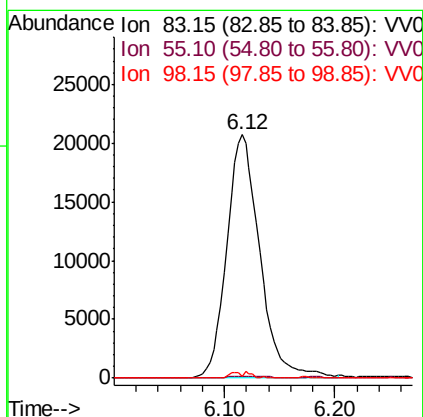
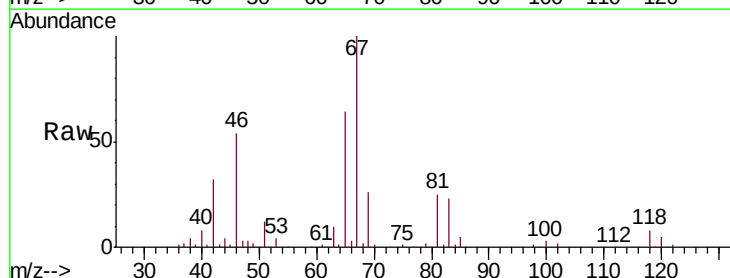
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

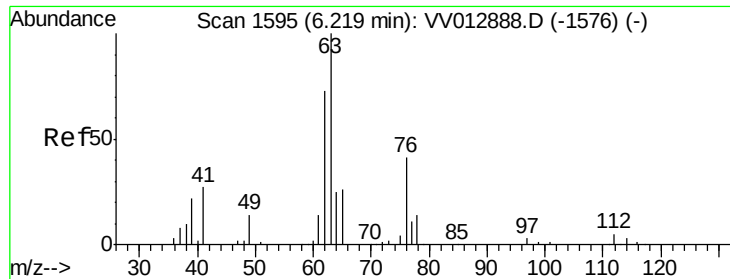
Tgt Ion: 62 Resp: 1834
 Ion Ratio Lower Upper
 62 100
 98 10.5 7.8 11.8



#35
 Methylcyclohexane
 Concen: 1.277 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV012900.D
 Acq: 18 Sep 2019 17:17

Tgt Ion: 83 Resp: 43119
 Ion Ratio Lower Upper
 83 100
 55 0.4 63.8 95.6#
 98 0.6 38.2 57.4#

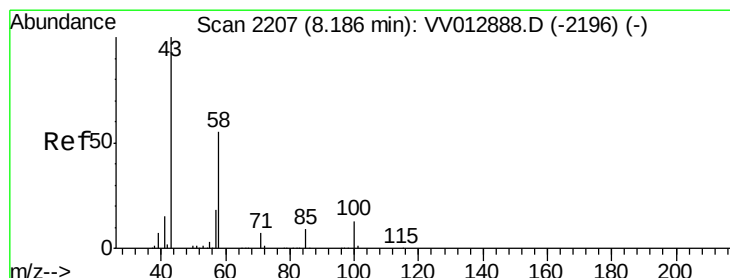
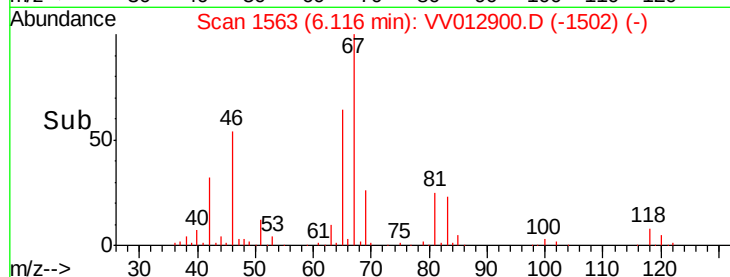
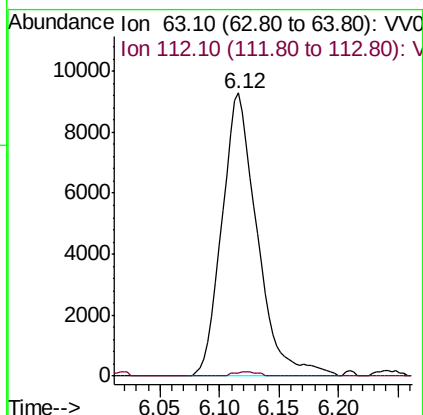
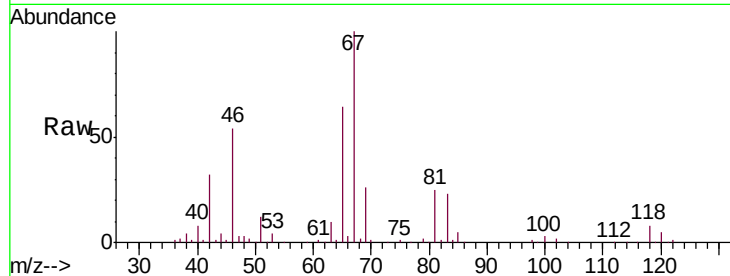




#37
 1,2-Dichloropropane
 Concen: 0.717 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012900.D
 Acq: 18 Sep 2019 17:17

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 63 Resp: 19085
 Ion Ratio Lower Upper
 63 100
 112 1.1 3.8 5.6#



#48
 2-Hexanone
 Concen: 3.283 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.04 min
 Lab File: VV012900.D
 Acq: 18 Sep 2019 17:17

Tgt Ion: 43 Resp: 40655
 Ion Ratio Lower Upper
 43 100
 58 34.5 44.5 66.7#
 57 30.8 15.0 22.6#
 100 2.6 9.7 14.5#

