

Data File : VV012672.D
Acq On : 11 Sep 2019 14:52
Operator : SY/MD
Sample : K4724-09
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 12 07:19:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 12 07:16:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	372383	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	378230	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	148445	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	162943	6.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	129.00%
7) Chloroethane-d5	1.58	69	136484	6.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	130.60%#
11) 1,1-Dichloroethene-d2	2.13	63	202731	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	3.96	46	357501	58.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.62%
24) Chloroform-d	4.40	84	273780	5.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.20%
26) 1,2-Dichloroethane-d4	5.08	65	137714	6.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.40%
32) Benzene-d6	5.10	84	554112	6.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.60%
36) 1,2-Dichloropropane-d6	6.12	67	171481	5.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.60%
41) Toluene-d8	7.36	98	443710	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
43) trans-1,3-Dichloropropene-	7.66	79	52757	5.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.00%
46) 2-Hexanone-d5	8.14	63	157769	42.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	106292	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	160826	6.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.60%#

Target Compounds

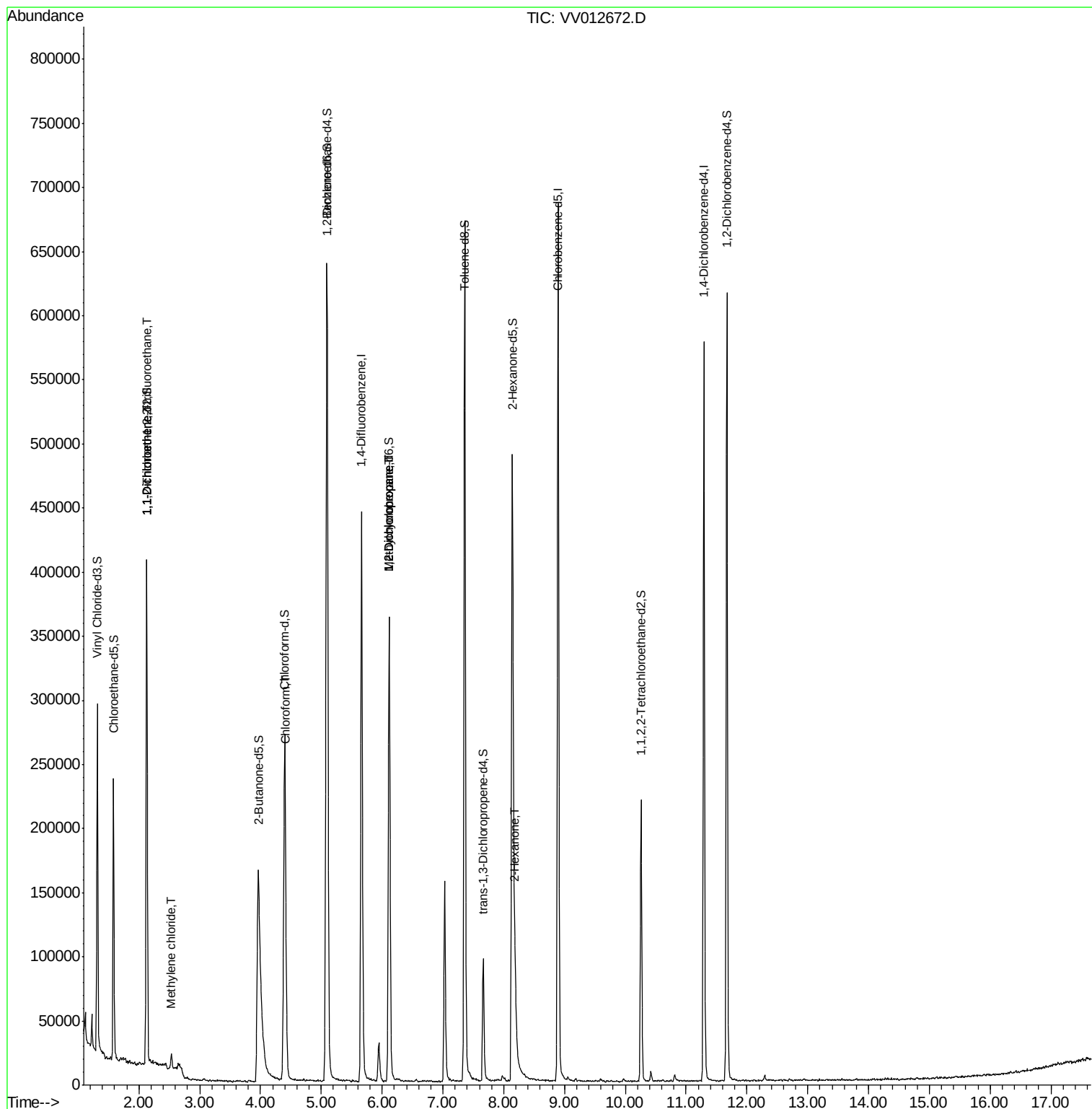
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2178	0.090	ug/L #	23
12) 1,1-Dichloroethene	2.13	96	1908	0.082	ug/L #	1
16) Methylene chloride	2.53	84	4101	0.145	ug/L #	69
25) Chloroform	4.42	83	7491	0.139	ug/L	94
35) Methylcyclohexane	6.12	83	41785	0.968	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	18467	0.671	ug/L #	88
48) 2-Hexanone	8.19	43	45738	4.188	ug/L #	87

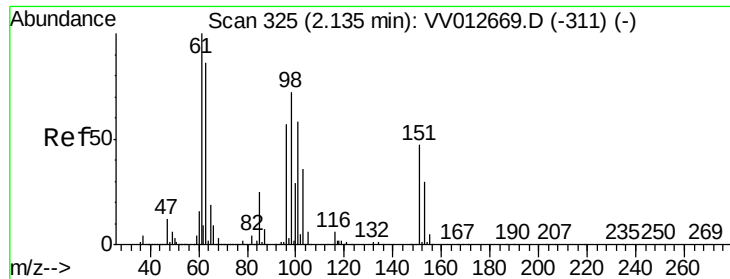
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012672.D
Acq On : 11 Sep 2019 14:52
Operator : SY/MD
Sample : K4724-09
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 12 07:19:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 12 07:16:59 2019
Response via : Initial Calibration





#10

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

Concen: 0.090 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012672.D

Acq: 11 Sep 2019 14:52

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

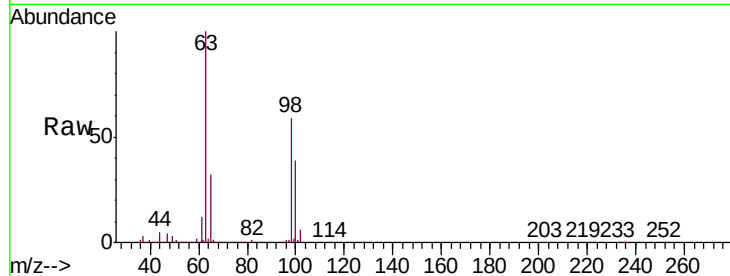
Tgt Ion: 101 Resp: 2178

Ion Ratio Lower Upper

101 100

85 6.2 33.0 49.6#

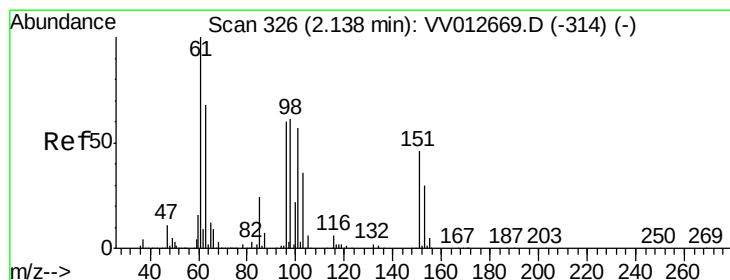
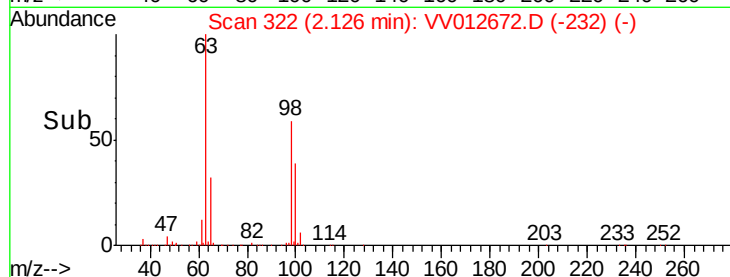
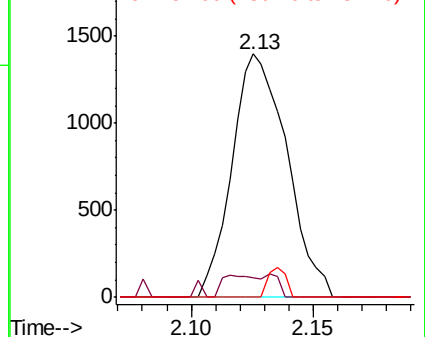
151 4.0 65.8 98.8#



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: 0.082 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012672.D

Acq: 11 Sep 2019 14:52

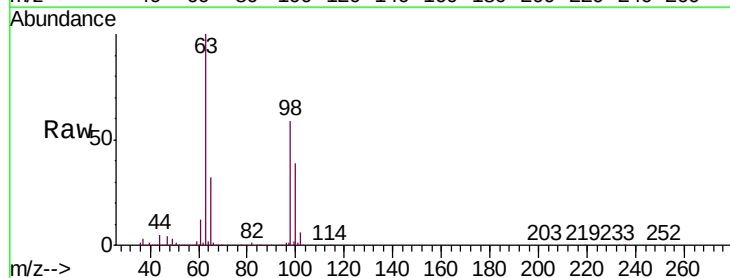
Tgt Ion: 96 Resp: 1908

Ion Ratio Lower Upper

96 100

61 1253.7 115.8 215.0#

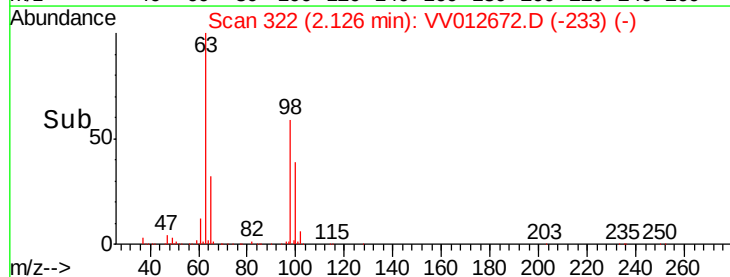
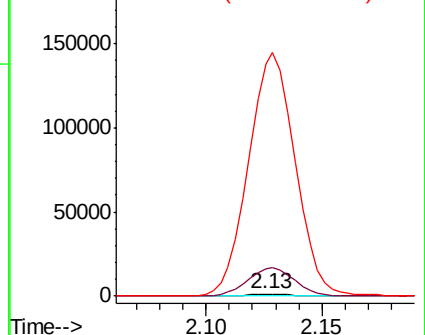
63 10844.3 79.4 147.4#

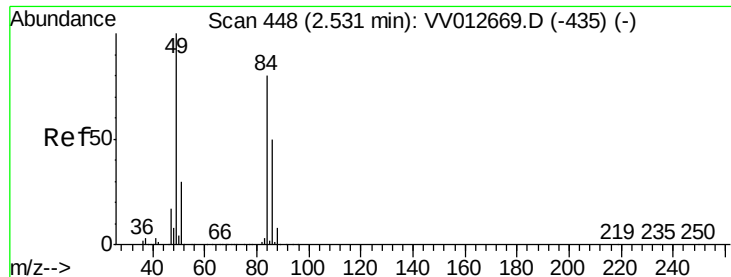


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

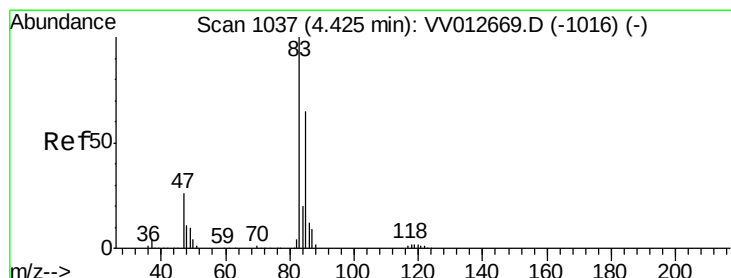
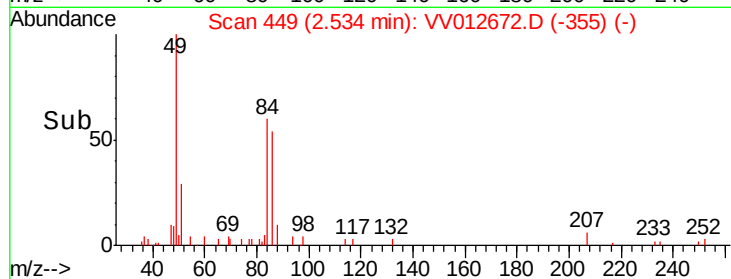
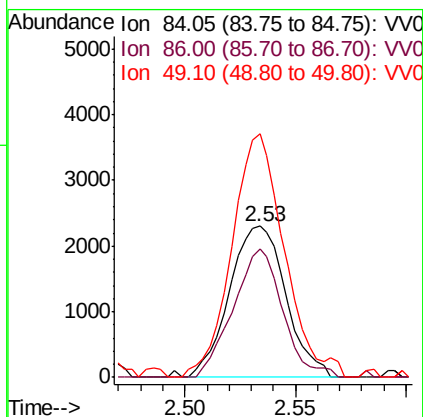
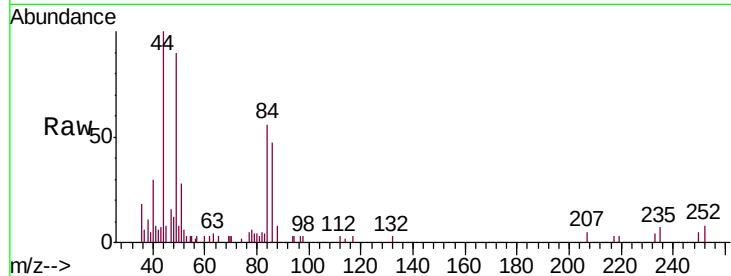




#16
Methylene chloride
Concen: 0.145 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012672.D
Acq: 11 Sep 2019 14:52

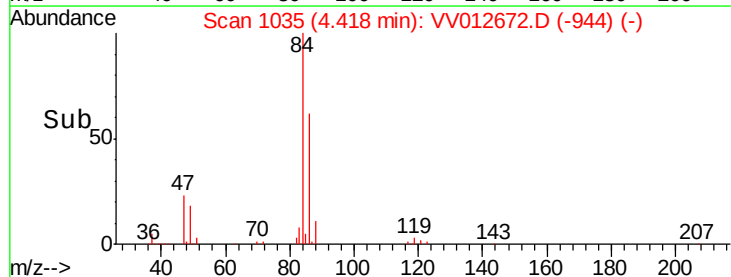
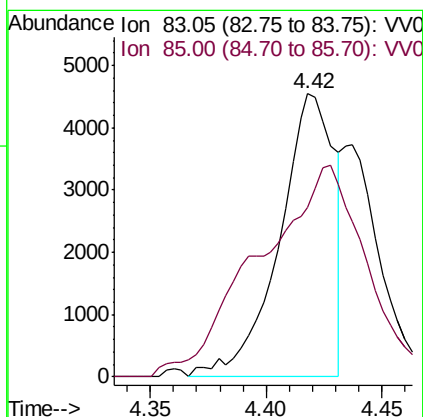
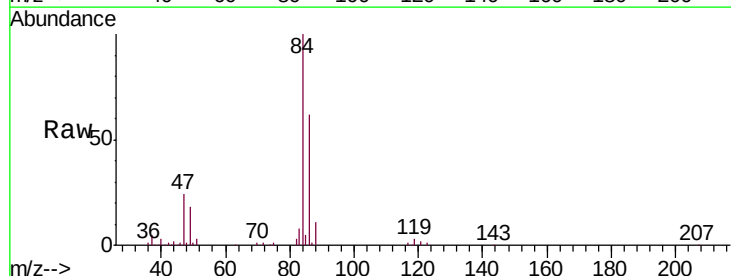
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

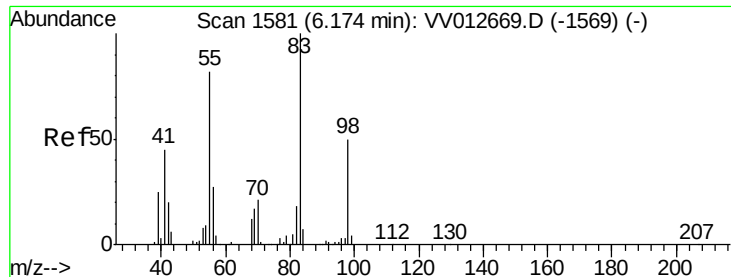
Tgt Ion: 84 Resp: 4101
Ion Ratio Lower Upper
84 100
86 85.1 46.1 85.7
49 161.4 85.3 158.3#



#25
Chloroform
Concen: 0.139 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV012672.D
Acq: 11 Sep 2019 14:52

Tgt Ion: 83 Resp: 7491
Ion Ratio Lower Upper
83 100
85 60.1 45.3 84.1

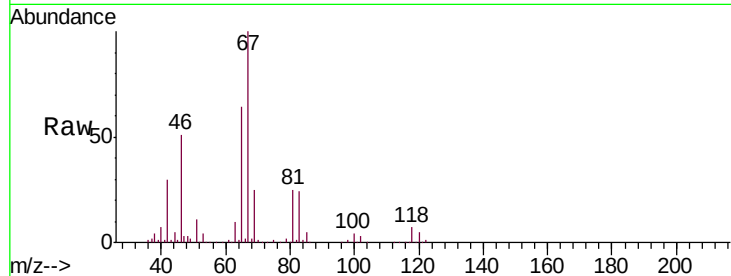




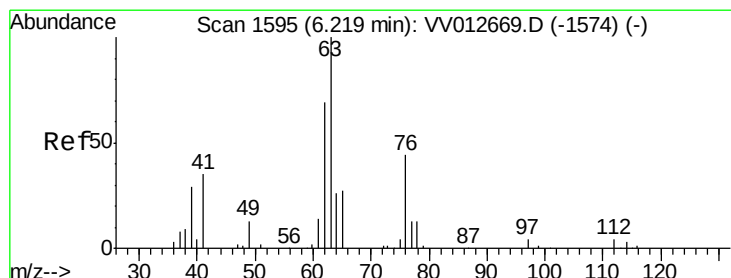
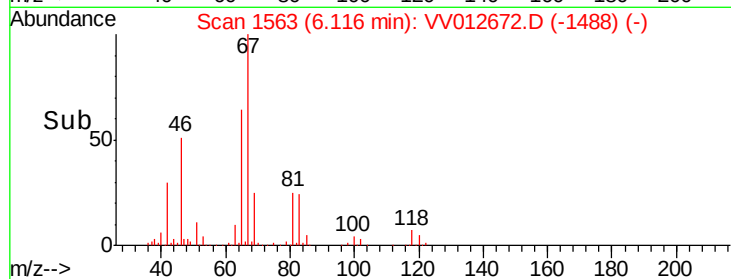
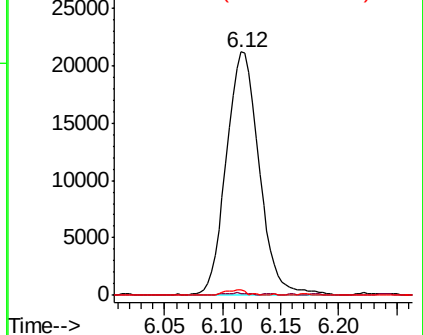
#35
Methylcyclohexane
Concen: 0.968 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012672.D
Acq: 11 Sep 2019 14:52

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 41785
Ion Ratio Lower Upper
83 100
55 0.7 63.0 94.4#
98 1.4 39.8 59.8#

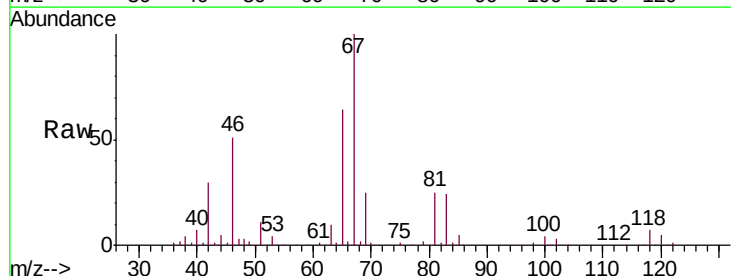


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

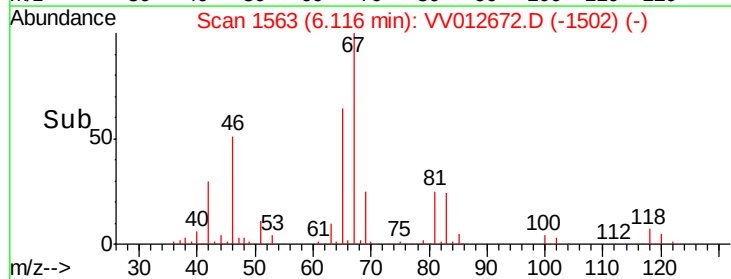
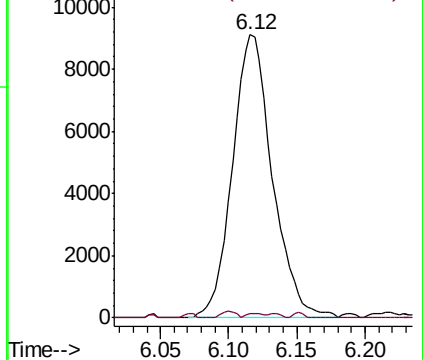


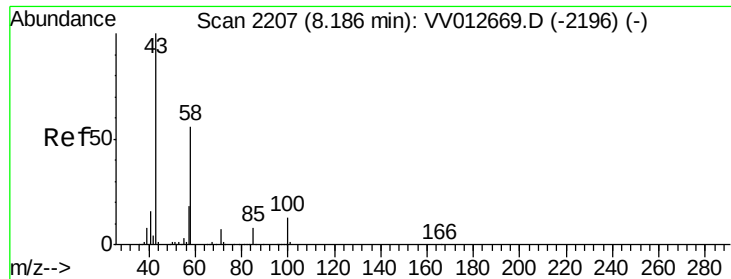
#37
1,2-Dichloropropane
Concen: 0.671 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012672.D
Acq: 11 Sep 2019 14:52

Tgt Ion: 63 Resp: 18467
Ion Ratio Lower Upper
63 100
112 0.8 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 4.188 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012672.D

Acq: 11 Sep 2019 14:52

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 43 Resp: 45738

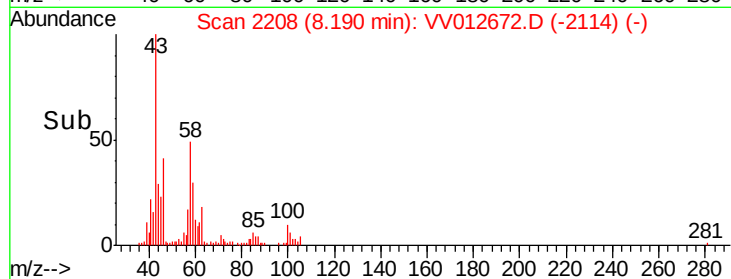
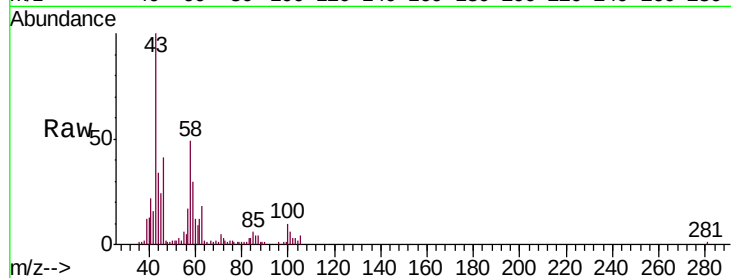
Ion Ratio Lower Upper

43 100

58 43.3 44.8 67.2#

57 16.9 14.9 22.3

100 10.3 9.8 14.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

