

Data File : VV012094.D
Acq On : 02 Aug 2019 10:43
Operator : SY/MD
Sample : VV0802WBL01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK31

Quant Time: Aug 02 23:57:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 02 23:54:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	110665	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	106856	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.30	152	55658	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28284	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.59	69	21167	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.13	63	43679	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.94	46	77589	54.55	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.10%
24) Chloroform-d	4.40	84	75678	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	5.08	65	43732	5.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.40%
32) Benzene-d6	5.10	84	141572	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.12	67	38731	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.36	98	135057	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	7.66	79	18766	5.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	114.00%
46) 2-Hexanone-d5	8.13	63	64434	55.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.70%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	30012	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
66) 1,2-Dichlorobenzene-d4	11.67	152	57049	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

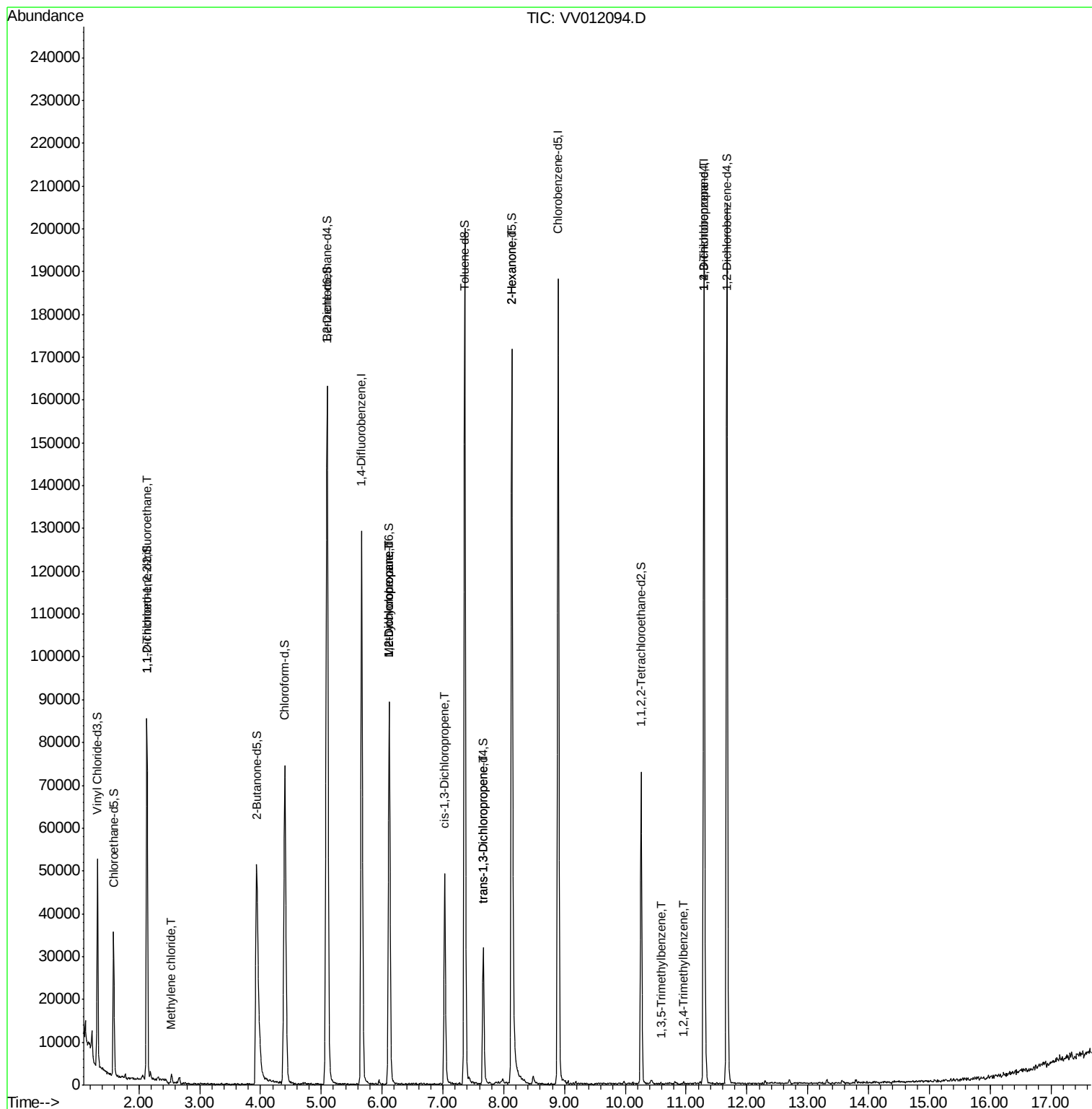
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	463	0.084	ug/L #	13
16) Methylene chloride	2.53	84	862	0.165	ug/L	91
35) Methylcyclohexane	6.12	83	10902	0.841	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	5283	0.787	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1112	0.106	ug/L #	38
44) trans-1,3-Dichloropropene	7.67	75	805	0.095	ug/L	97
48) 2-Hexanone	8.14	43	8561	3.198	ug/L #	65
61) 1,2,3-Trichloropropane	11.29	75	5001	1.233	ug/L #	53
62) 1,3,5-Trimethylbenzene	10.58	105	238	0.008	ug/L #	27
63) 1,2,4-Trimethylbenzene	10.96	105	265	0.009	ug/L #	82

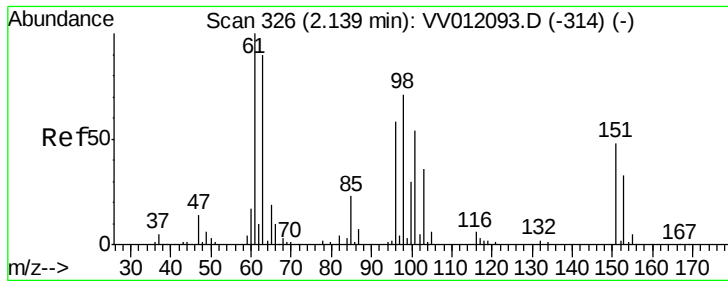
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012094.D
Acq On : 02 Aug 2019 10:43
Operator : SY/MD
Sample : VV0802WBL01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK31

Quant Time: Aug 02 23:57:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 02 23:54:58 2019
Response via : Initial Calibration





#10

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

Concen: 0.084 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV012094.D

Acq: 02 Aug 2019 10:43

Instrument :

MSVOA_V

ClientSampleId :

VBLK31

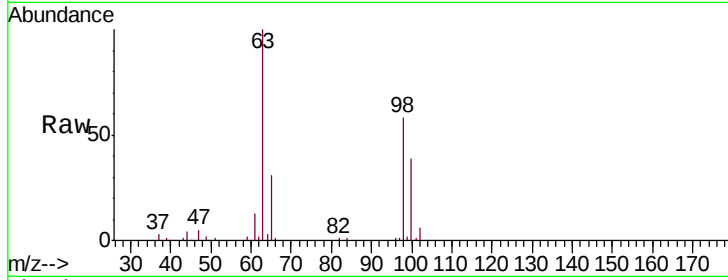
Tgt Ion: 101 Resp: 463

Ion Ratio Lower Upper

101 100

85 0.0 37.8 56.8#

151 0.0 71.4 107.2#

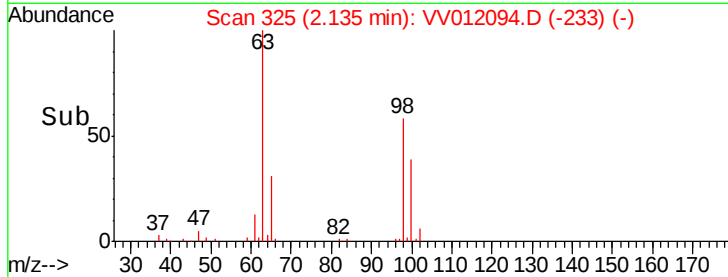


Abundance Ion 101.00 (100.70 to 101.70): V

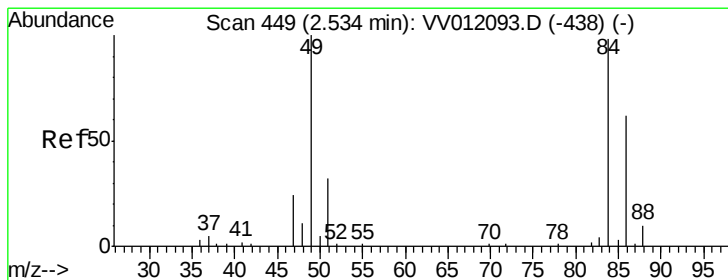
Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

2.14



Time-->



#16

Methylene chloride

Concen: 0.165 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV012094.D

Acq: 02 Aug 2019 10:43

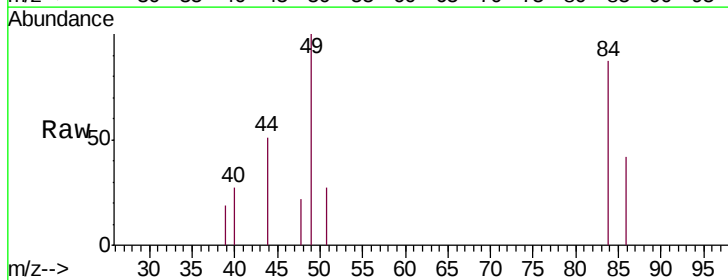
Tgt Ion: 84 Resp: 862

Ion Ratio Lower Upper

84 100

86 47.8 44.9 83.3

49 114.7 78.6 146.0

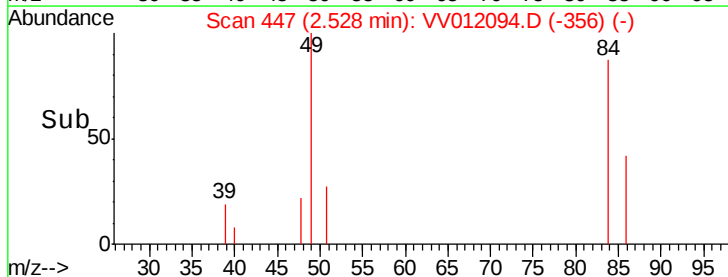


Abundance Ion 84.05 (83.75 to 84.75): VV0

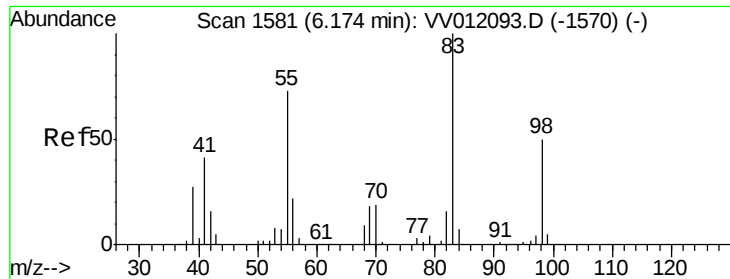
Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

2.53



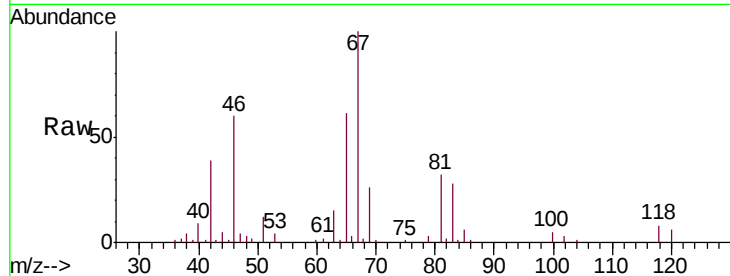
Time-->



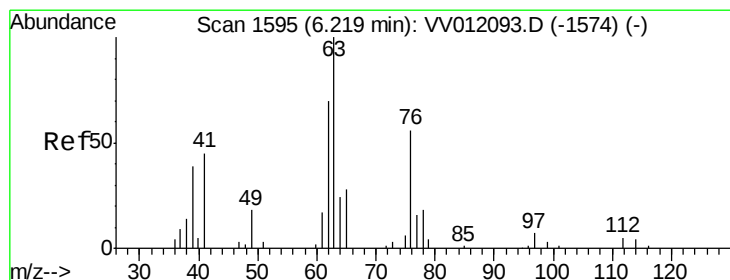
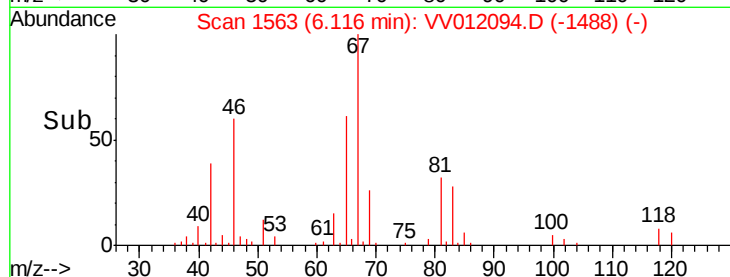
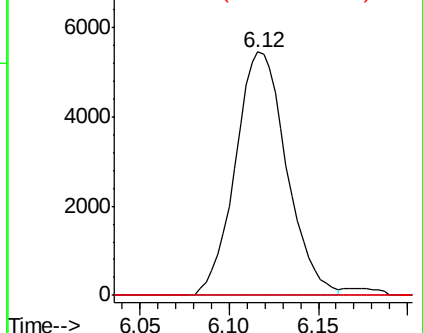
#35
Methylcyclohexane
Concen: 0.841 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012094.D
Acq: 02 Aug 2019 10:43

Instrument :
MSVOA_V
ClientSampleId :
VBLK31

Tgt Ion: 83 Resp: 10902
Ion Ratio Lower Upper
83 100
55 0.0 60.1 90.1#
98 0.0 40.2 60.4#

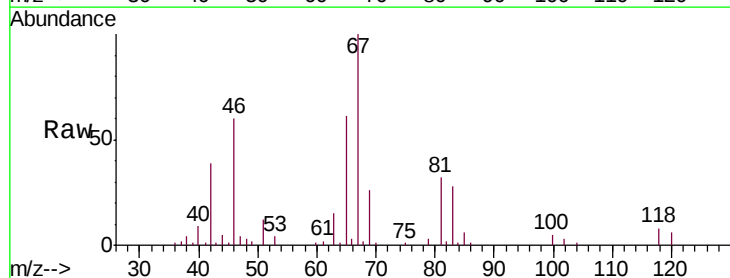


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

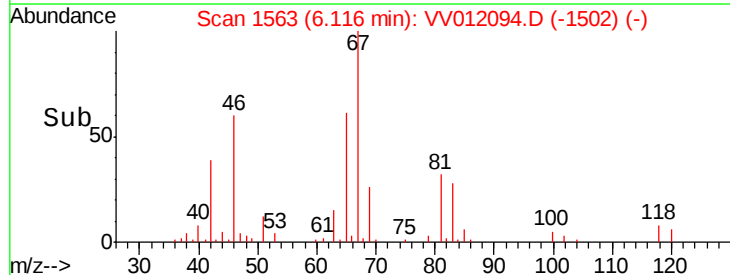
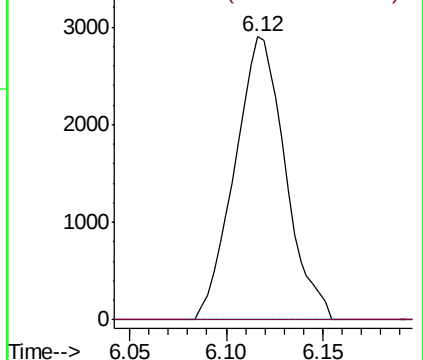


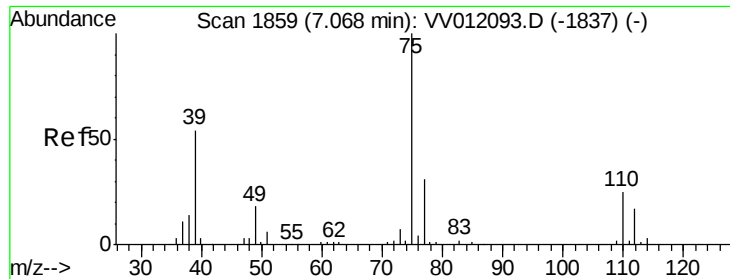
#37
1,2-Dichloropropane
Concen: 0.787 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012094.D
Acq: 02 Aug 2019 10:43

Tgt Ion: 63 Resp: 5283
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



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



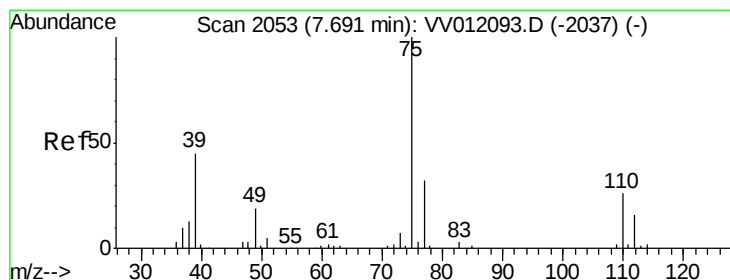
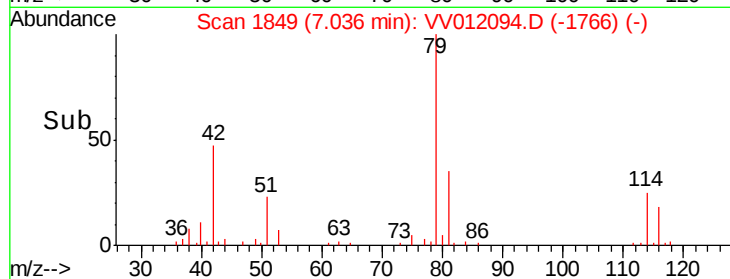
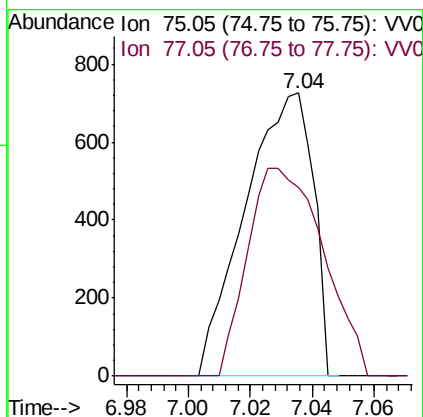
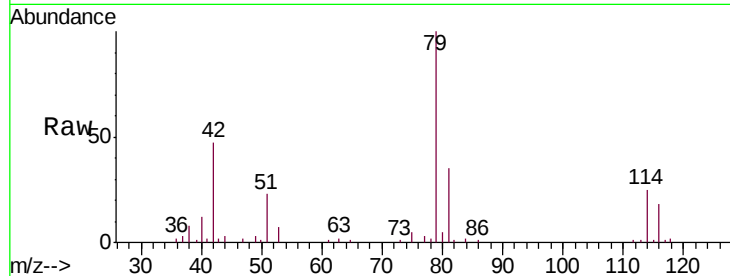


#39

cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.03 min
Lab File: VV012094.D
Acq: 02 Aug 2019 10:43

Instrument :
MSVOA_V
ClientSampleId :
VBLK31

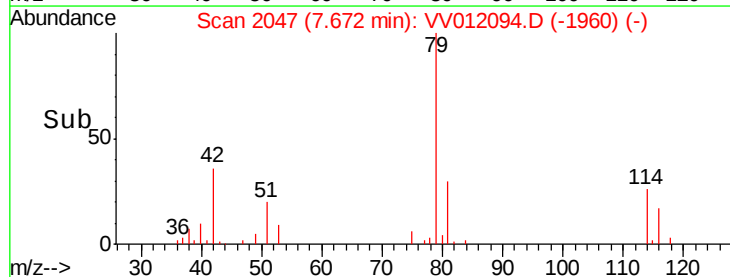
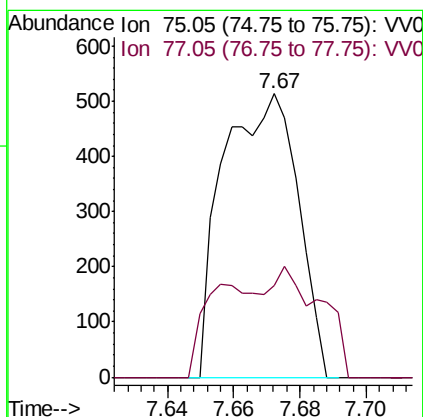
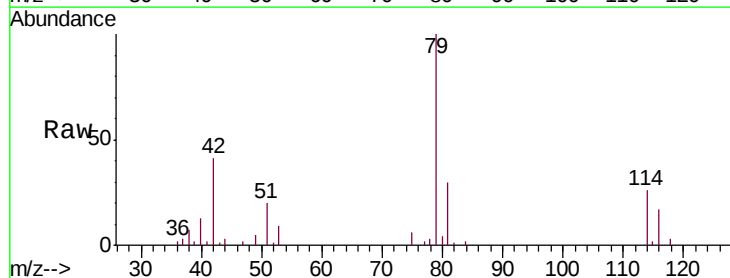
Tgt Ion: 75 Resp: 1112
Ion Ratio Lower Upper
75 100
77 66.7 22.4 41.6#

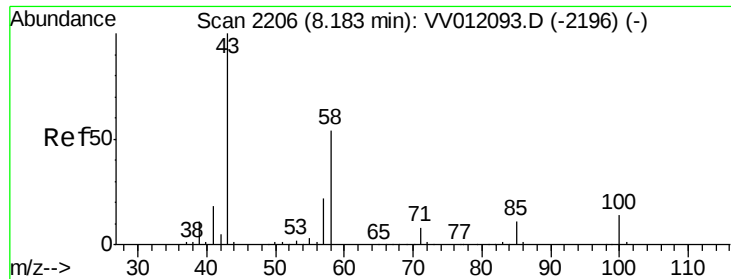


#44

trans-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.67 min Scan# 2047
Delta R.T. -0.02 min
Lab File: VV012094.D
Acq: 02 Aug 2019 10:43

Tgt Ion: 75 Resp: 805
Ion Ratio Lower Upper
75 100
77 32.6 21.6 40.0

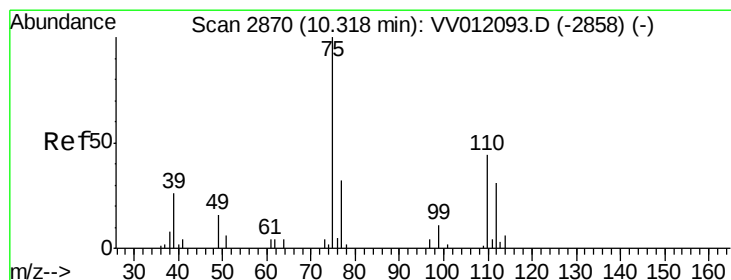
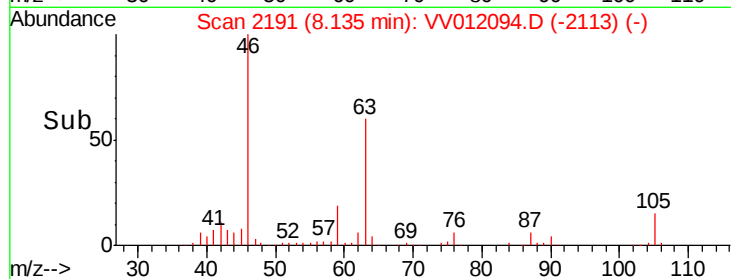
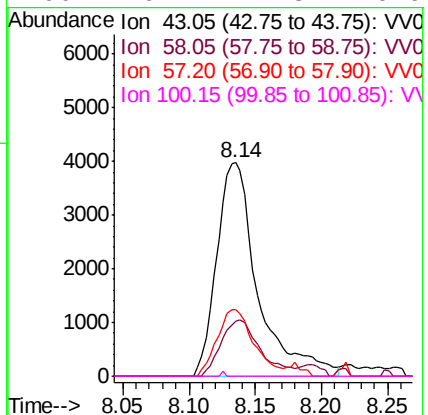
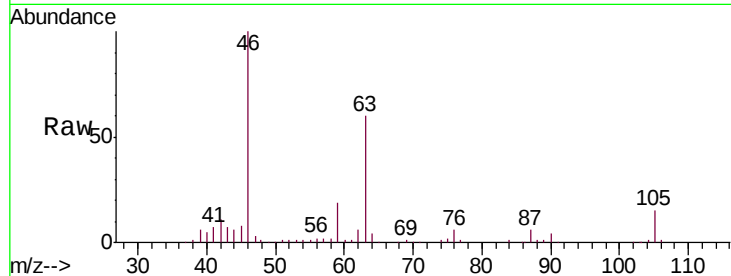




#48
 2-Hexanone
 Concen: 3.198 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV012094.D
 Acq: 02 Aug 2019 10:43

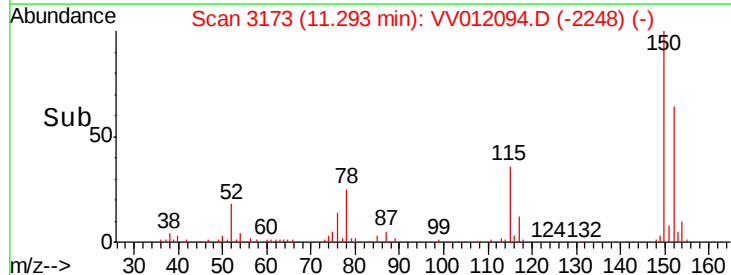
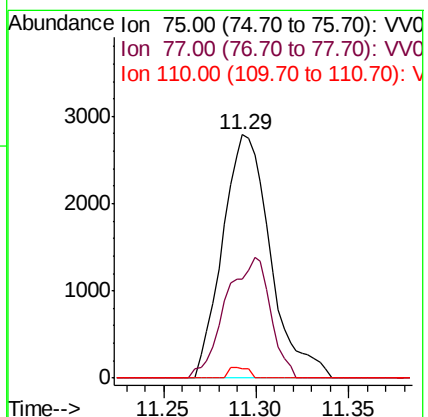
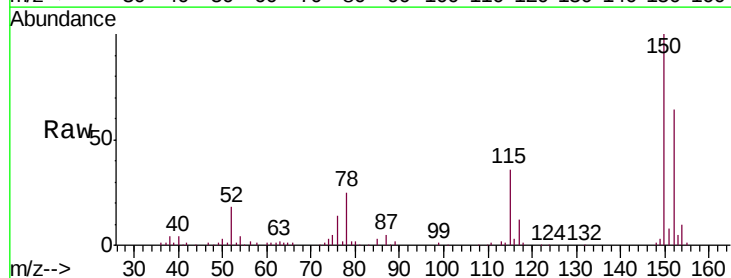
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK31

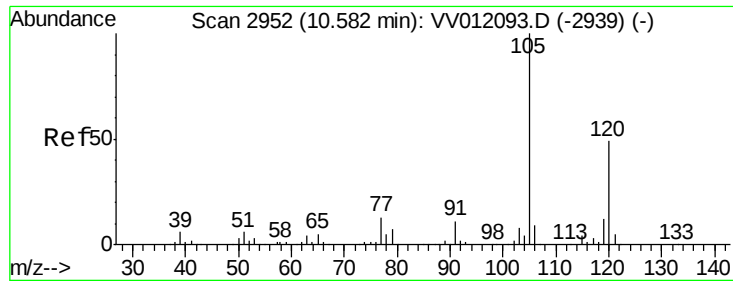
Tgt Ion: 43 Resp: 8561
 Ion Ratio Lower Upper
 43 100
 58 25.2 44.1 66.1#
 57 27.9 16.1 24.1#
 100 0.2 11.3 16.9#



#61
 1,2,3-Trichloropropane
 Concen: 1.233 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV012094.D
 Acq: 02 Aug 2019 10:43

Tgt Ion: 75 Resp: 5001
 Ion Ratio Lower Upper
 75 100
 77 46.1 26.8 40.2#
 110 1.7 35.0 52.6#

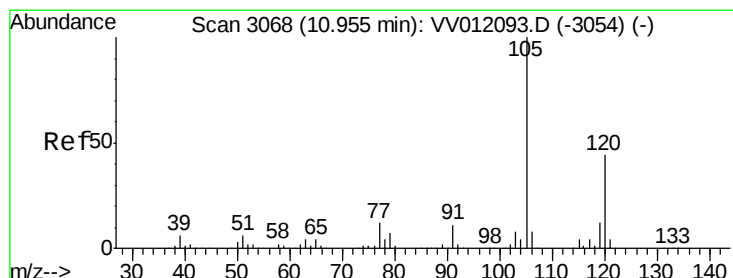
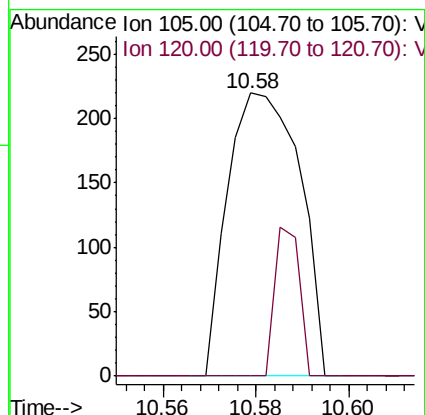
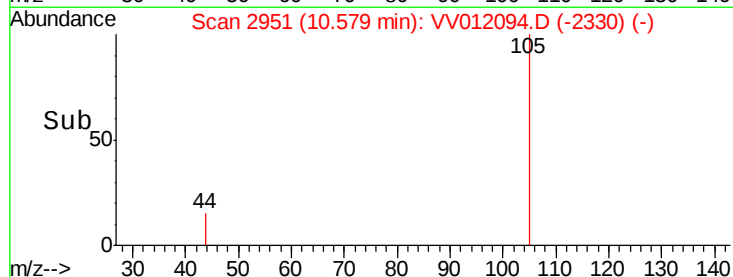
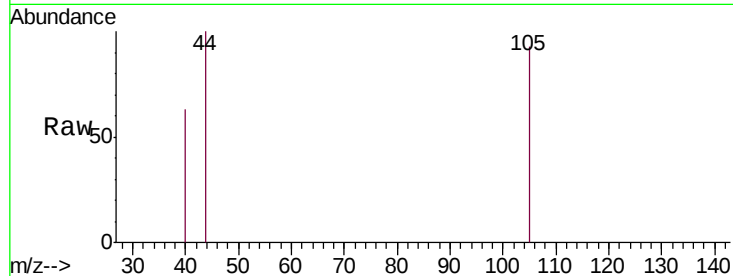




#62
 1,3,5-Trimethylbenzene
 Concen: 0.008 ug/L
 RT: 10.58 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VV012094.D
 Acq: 02 Aug 2019 10:43

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK31

Tgt Ion:105 Resp: 238
 Ion Ratio Lower Upper
 105 100
 120 0.0 40.1 60.1#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.009 ug/L
 RT: 10.96 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: VV012094.D
 Acq: 02 Aug 2019 10:43

Tgt Ion:105 Resp: 265
 Ion Ratio Lower Upper
 105 100
 120 33.2 35.8 53.8#

