

Data File : VV012885.D
Acq On : 18 Sep 2019 01:30
Operator : SY/MD
Sample : K4834-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 18 02:26:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 01:09:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	371619	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	375373	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	141387	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	193871	5.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	1.58	69	153509	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.13	63	239553	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	3.98	46	403358	52.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.74%
24) Chloroform-d	4.40	84	305426	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.08	65	163504	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.09	84	630929	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.12	67	196689	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.36	98	513344	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.66	79	61131	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.14	63	284720	49.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	143893	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	176061	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

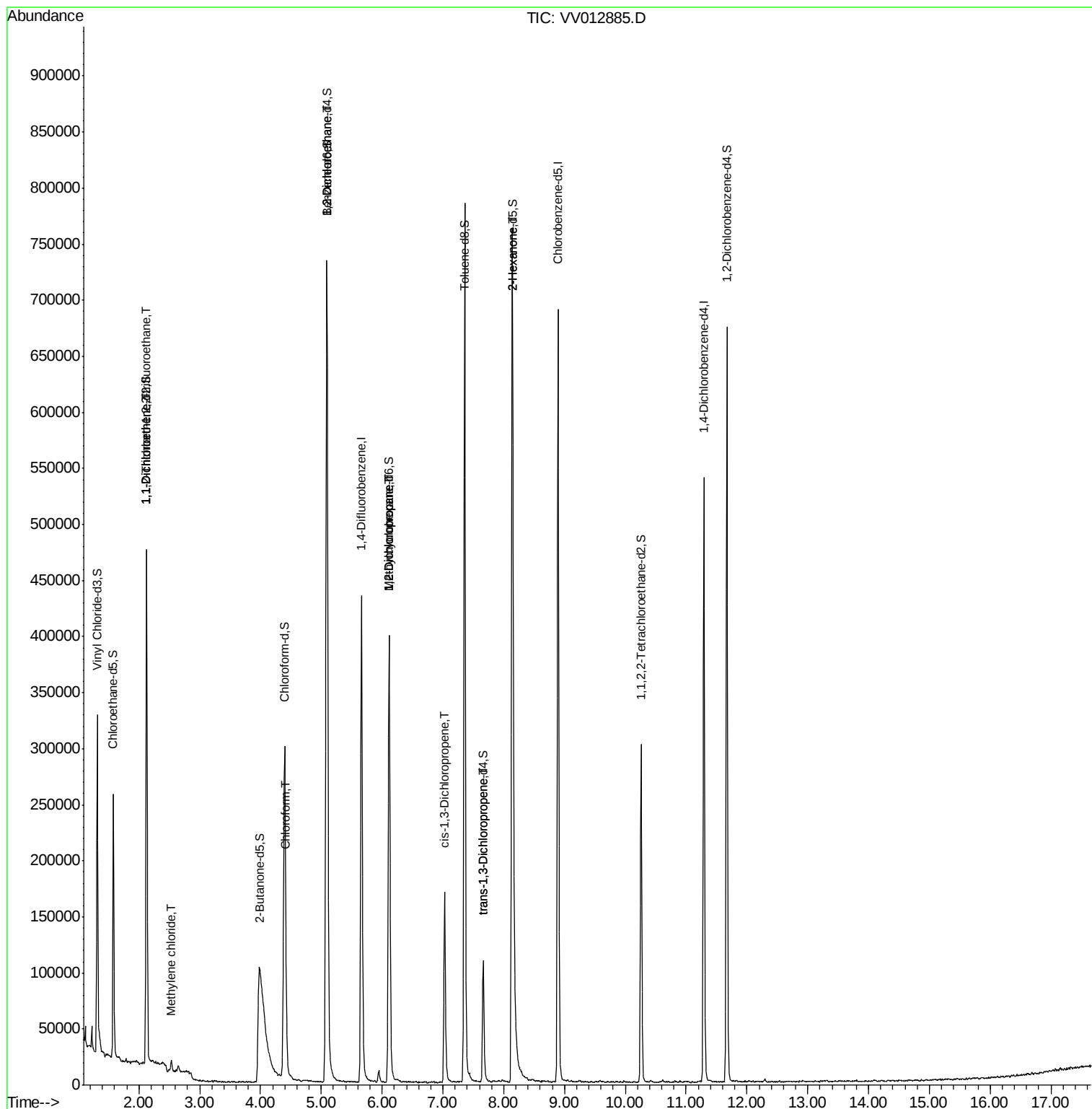
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2285	0.104	ug/L #	25
12) 1,1-Dichloroethene	2.13	96	2299	0.115	ug/L #	1
16) Methylene chloride	2.53	84	4170	0.170	ug/L	97
25) Chloroform	4.42	83	12276	0.239	ug/L	92
27) 1,2-Dichloroethane	5.10	62	3547	0.130	ug/L	96
35) Methylcyclohexane	6.12	83	47319	1.405	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	21083	0.794	ug/L #	87
39) cis-1,3-Dichloropropene	7.02	75	4410	0.125	ug/L	84
44) trans-1,3-Dichloropropene	7.66	75	2867	0.102	ug/L	90
48) 2-Hexanone	8.14	43	46934	3.801	ug/L #	78

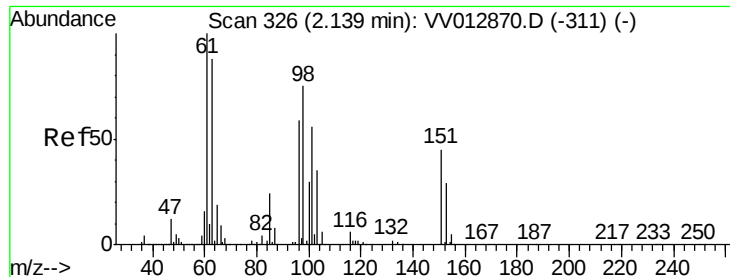
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.104 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012885.D

Acq: 18 Sep 2019 01:30

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

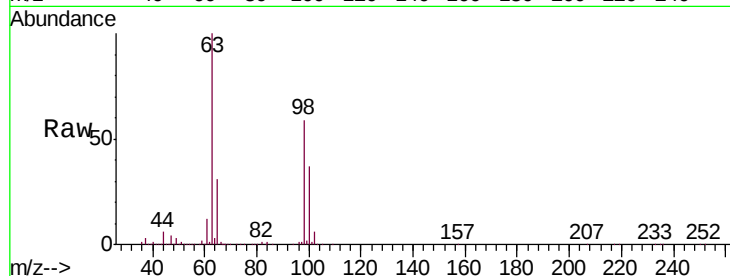
Tgt Ion: 101 Resp: 2285

Ion Ratio Lower Upper

101 100

85 5.0 33.5 50.3#

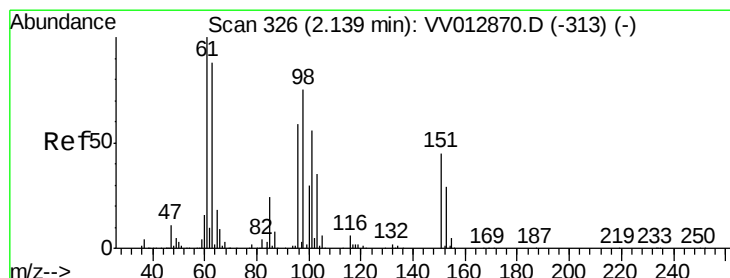
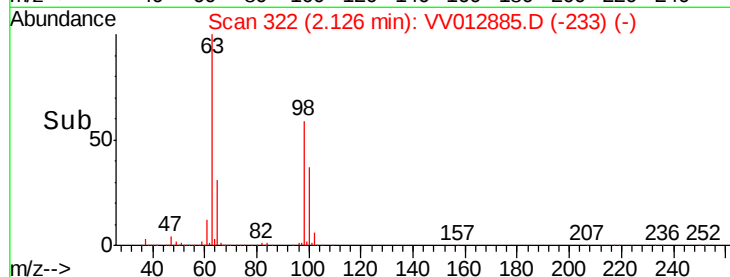
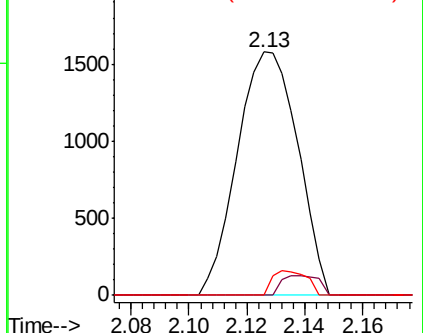
151 5.9 64.0 96.0#



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: 0.115 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012885.D

Acq: 18 Sep 2019 01:30

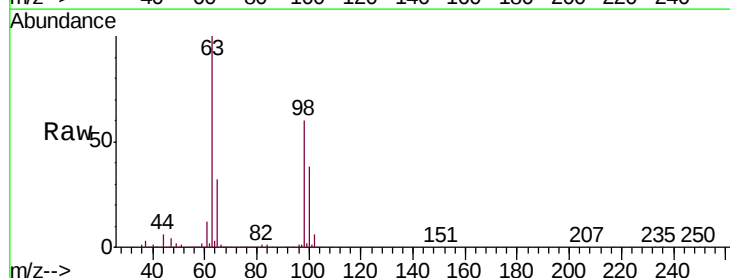
Tgt Ion: 96 Resp: 2299

Ion Ratio Lower Upper

96 100

61 1192.7 116.1 215.5#

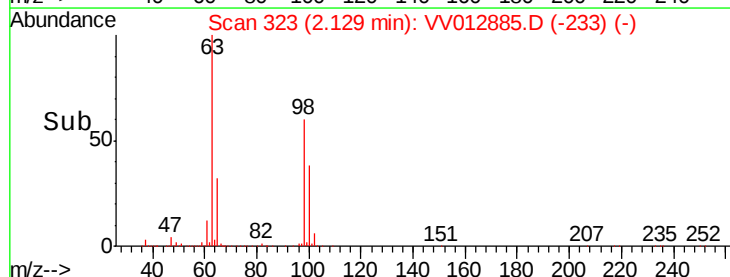
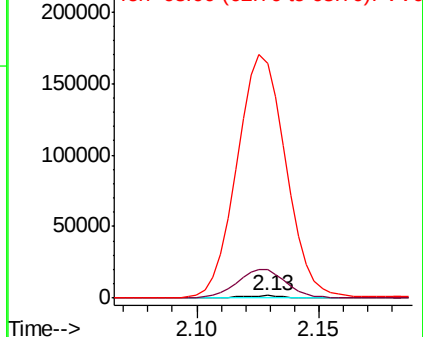
63 10001.5 113.3 210.3#

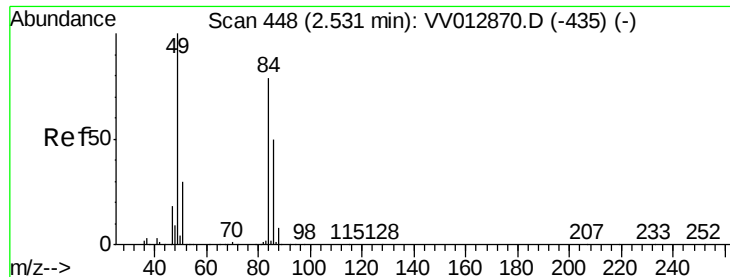


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

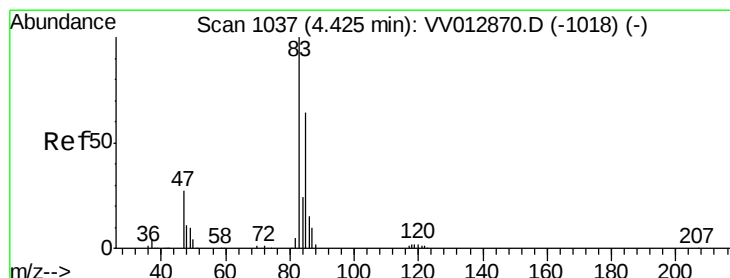
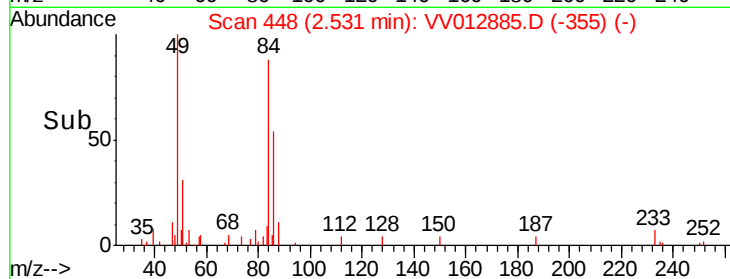
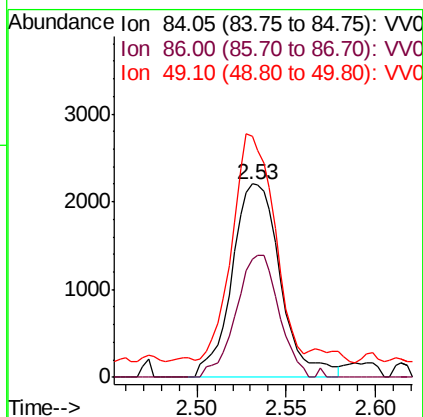
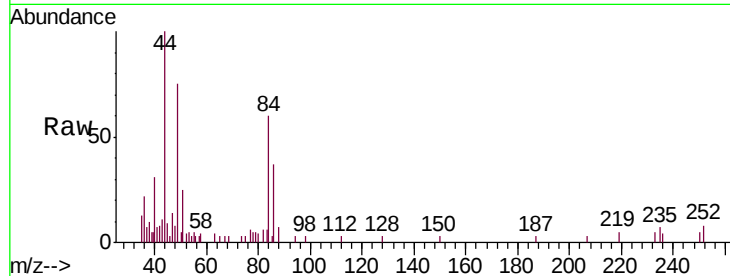




#16
Methylene chloride
Concen: 0.170 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV012885.D
Acq: 18 Sep 2019 01:30

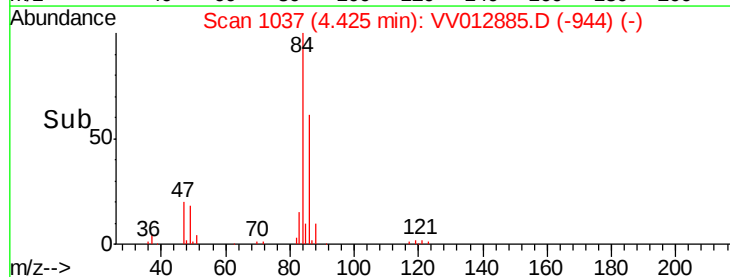
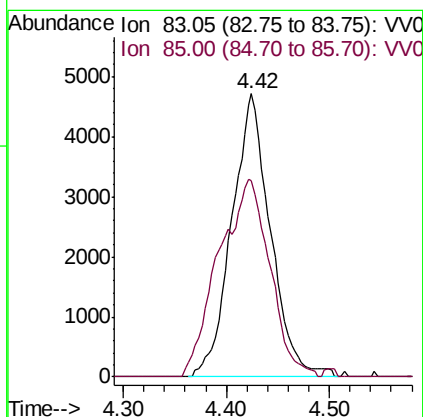
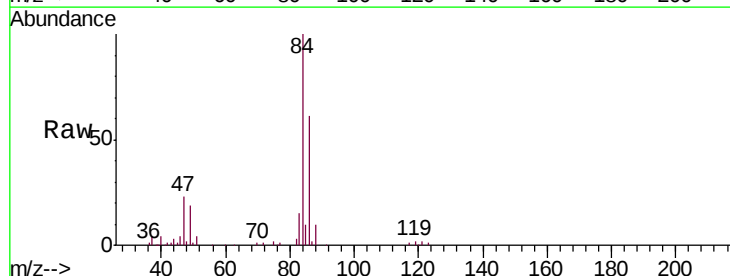
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

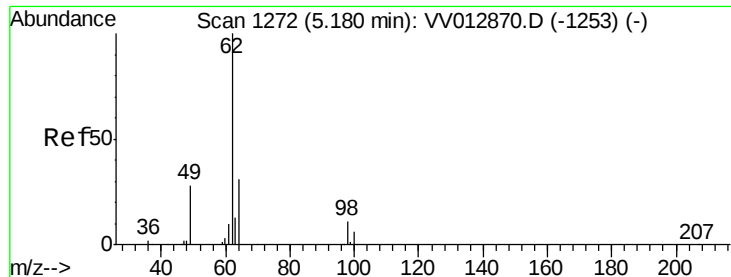
Tgt Ion: 84 Resp: 4170
Ion Ratio Lower Upper
84 100
86 60.8 44.8 83.2
49 124.8 85.9 159.5



#25
Chloroform
Concen: 0.239 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012885.D
Acq: 18 Sep 2019 01:30

Tgt Ion: 83 Resp: 12276
Ion Ratio Lower Upper
83 100
85 69.4 44.4 82.5





#27

1,2-Dichloroethane

Concen: 0.130 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV012885.D

Acq: 18 Sep 2019 01:30

Instrument :

MSVOA_V

ClientSampleId :

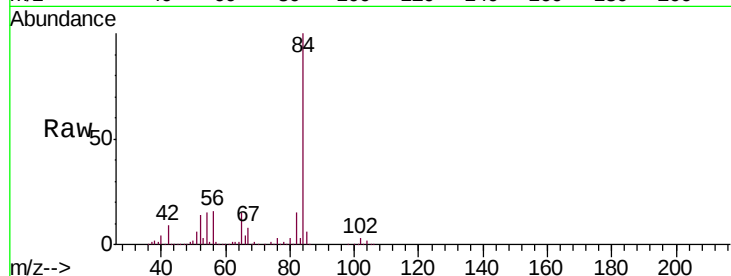
VHBLK01

Tgt Ion: 62 Resp: 3547

Ion Ratio Lower Upper

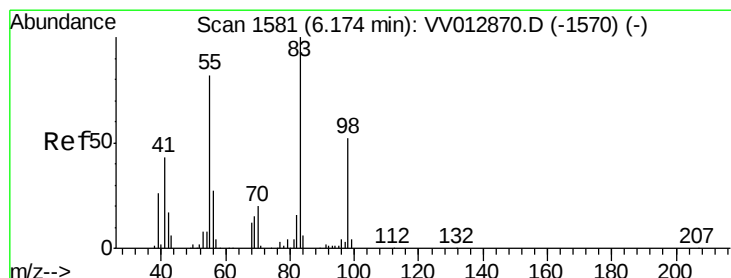
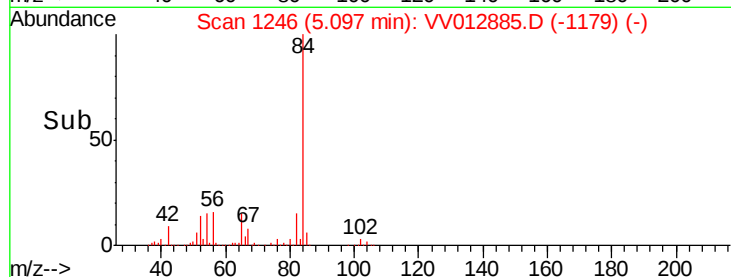
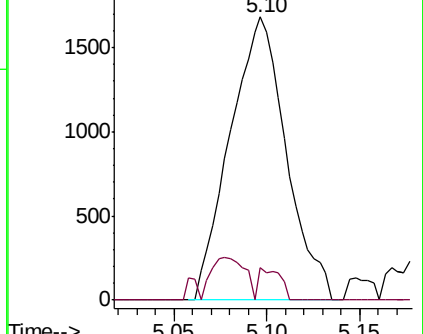
62 100

98 11.3 7.8 11.8



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#35

Methylcyclohexane

Concen: 1.405 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012885.D

Acq: 18 Sep 2019 01:30

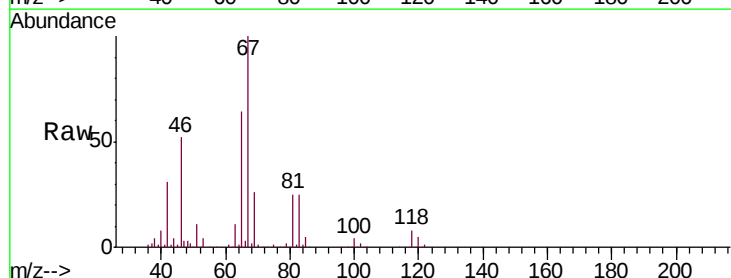
Tgt Ion: 83 Resp: 47319

Ion Ratio Lower Upper

83 100

55 0.4 63.8 95.6#

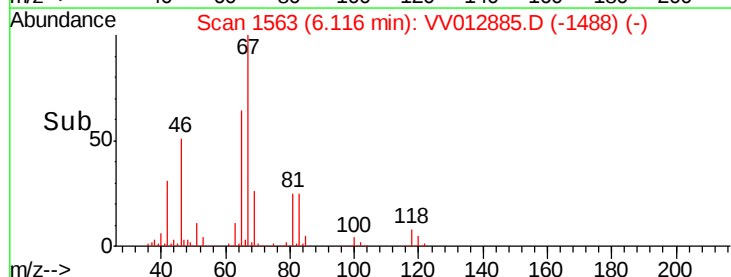
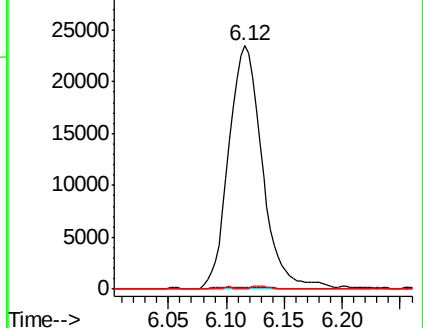
98 0.0 38.2 57.4#

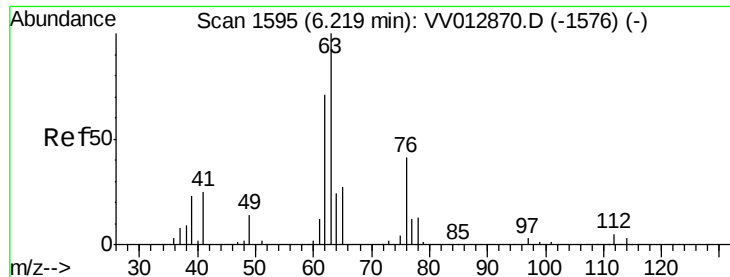


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

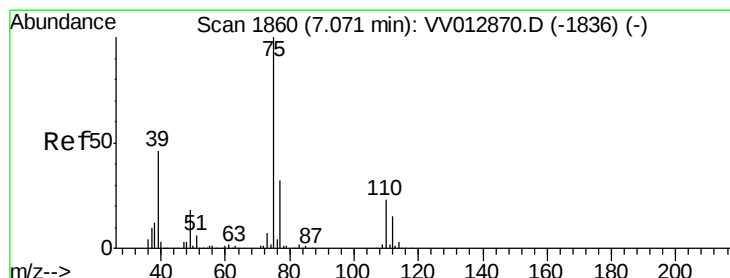
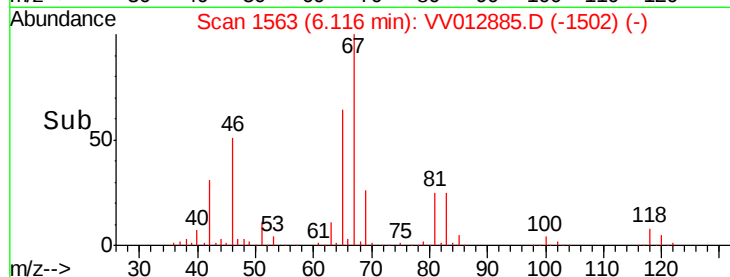
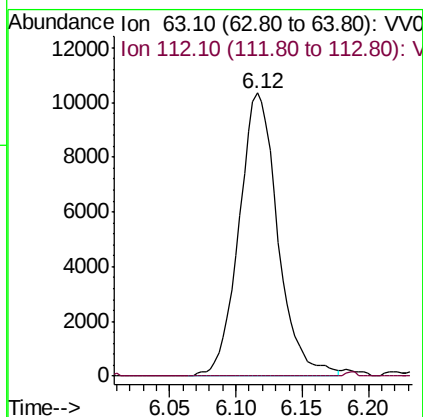
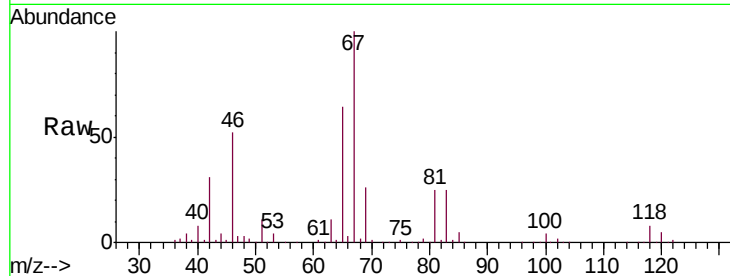




#37
 1,2-Dichloropropane
 Concen: 0.794 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012885.D
 Acq: 18 Sep 2019 01:30

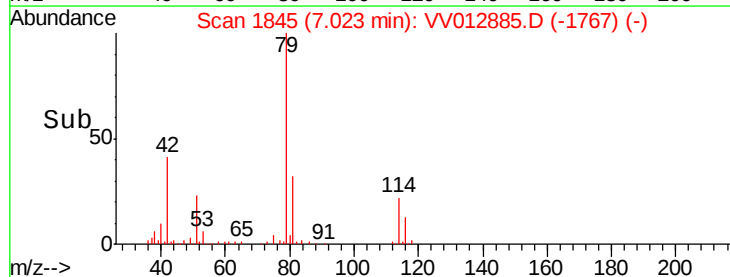
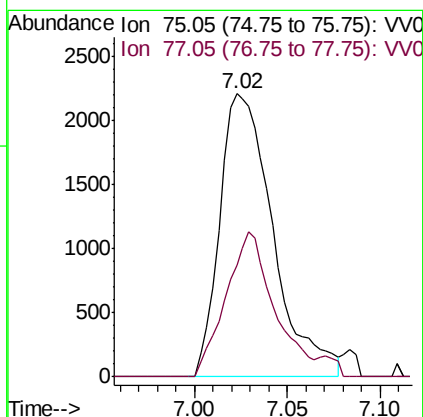
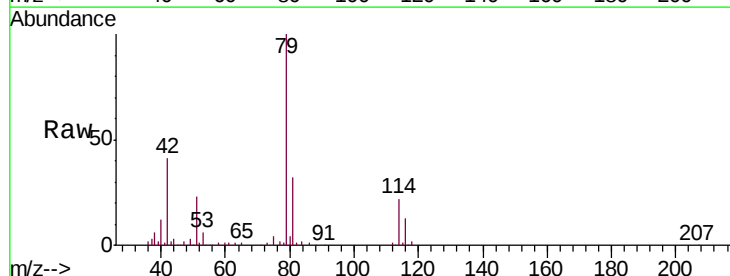
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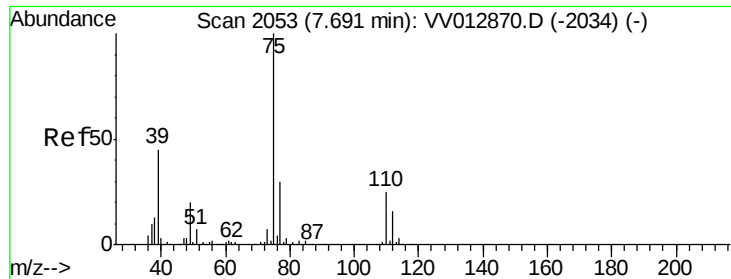
Tgt Ion: 63 Resp: 21083
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.05 min
 Lab File: VV012885.D
 Acq: 18 Sep 2019 01:30

Tgt Ion: 75 Resp: 4410
 Ion Ratio Lower Upper
 75 100
 77 39.6 21.6 40.0

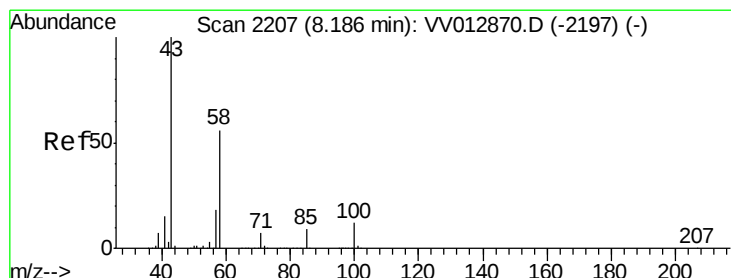
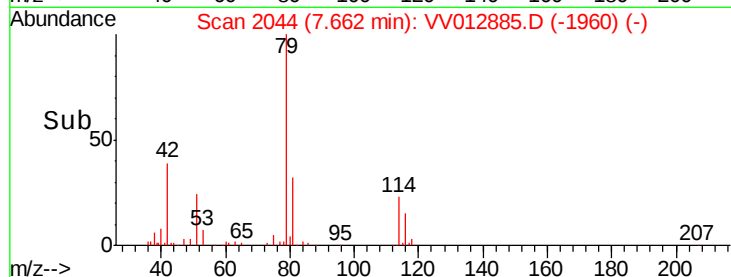
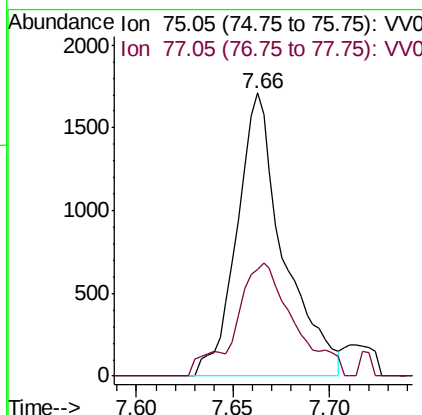
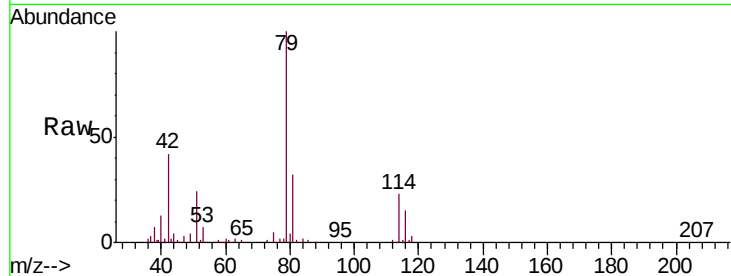




#44
trans-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012885.D
Acq: 18 Sep 2019 01:30

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 2867
Ion Ratio Lower Upper
75 100
77 37.7 22.5 41.7



#48
2-Hexanone
Concen: 3.801 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV012885.D
Acq: 18 Sep 2019 01:30

Tgt Ion: 43 Resp: 46934
Ion Ratio Lower Upper
43 100
58 41.2 44.5 66.7#
57 31.2 15.0 22.6#
100 3.3 9.7 14.5#

