

Data File : VV012789.D
Acq On : 15 Sep 2019 09:25
Operator : SY/MD
Sample : VV0915WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK56

Quant Time: Sep 16 07:18:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 07:16:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	452823	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	439388	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	174781	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	180437	5.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.40%
7) Chloroethane-d5	1.58	69	145061	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.13	63	217793	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.80%
20) 2-Butanone-d5	3.97	46	330452	44.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.42%
24) Chloroform-d	4.40	84	281357	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.08	65	140135	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.09	84	569362	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.12	67	175420	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.36	98	467405	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.66	79	54875	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.14	63	169398	39.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	99746	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	158224	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

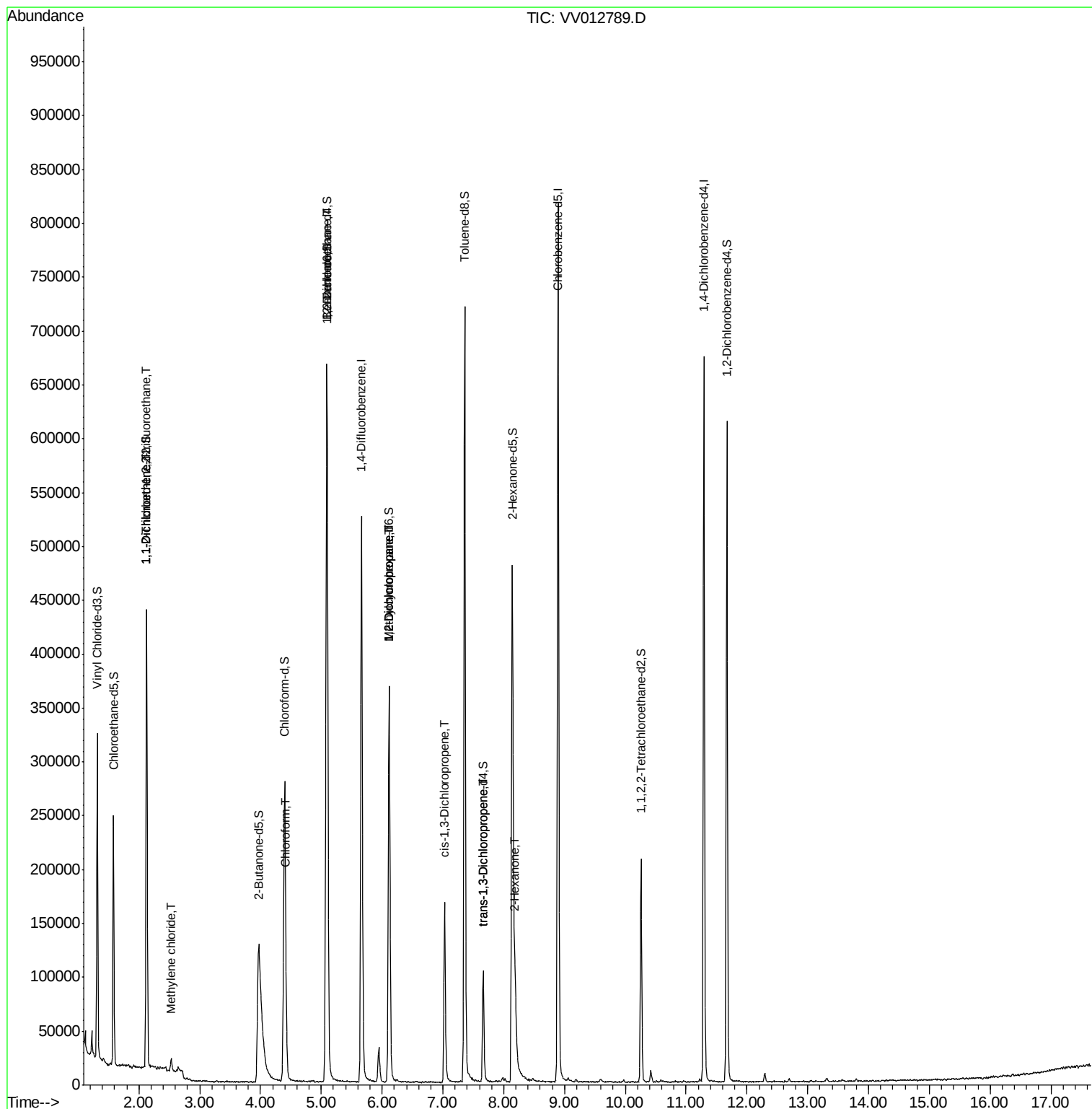
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2490	0.084	ug/L #	22
12) 1,1-Dichloroethene	2.13	96	2046	0.073	ug/L #	1
16) Methylene chloride	2.53	84	4657	0.135	ug/L	98
25) Chloroform	4.42	83	12223	0.186	ug/L	99
27) 1,2-Dichloroethane	5.10	62	3356	0.098	ug/L	96
35) Methylcyclohexane	6.12	83	41745	0.832	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	19479	0.609	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	4144	0.099	ug/L #	75
44) trans-1,3-Dichloropropene	7.66	75	2545	0.080	ug/L	86
48) 2-Hexanone	8.19	43	53530	4.219	ug/L #	83

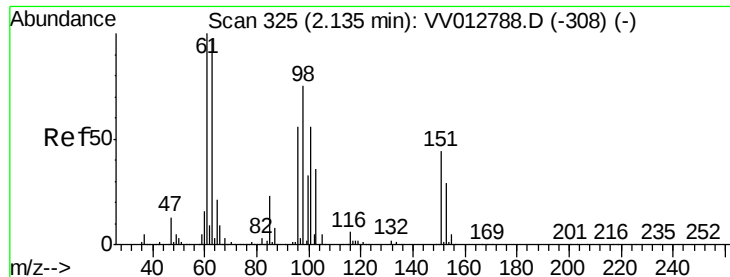
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.084 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012789.D

Acq: 15 Sep 2019 09:25

Instrument :

MSVOA_V

ClientSampleId :

VBLK56

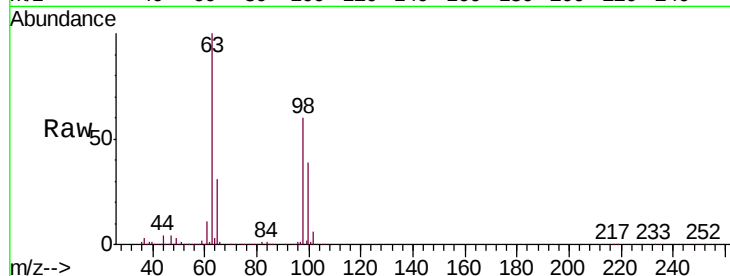
Tgt Ion:101 Resp: 2490

Ion Ratio Lower Upper

101 100

85 5.0 33.0 49.6#

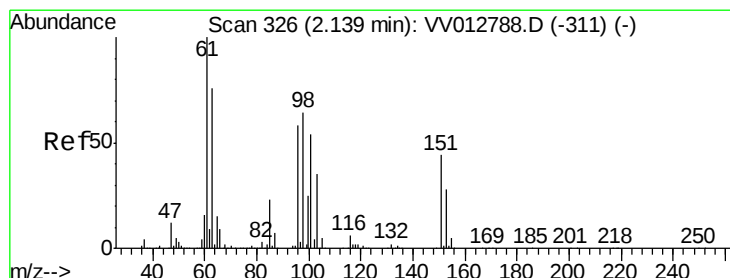
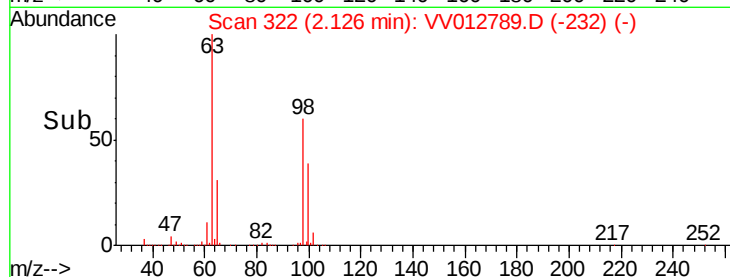
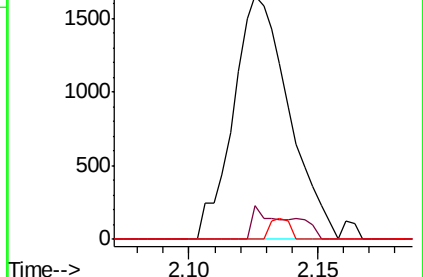
151 3.1 65.8 98.8#



Abundance Ion 101.00 (100.70 to 101.70): VV012788.D (-308) (-)

Ion 85.00 (84.70 to 85.70): VV012788.D (-308) (-)

Ion 151.00 (150.70 to 151.70): VV012788.D (-308) (-)



#12

1,1-Dichloroethene

Concen: 0.073 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012789.D

Acq: 15 Sep 2019 09:25

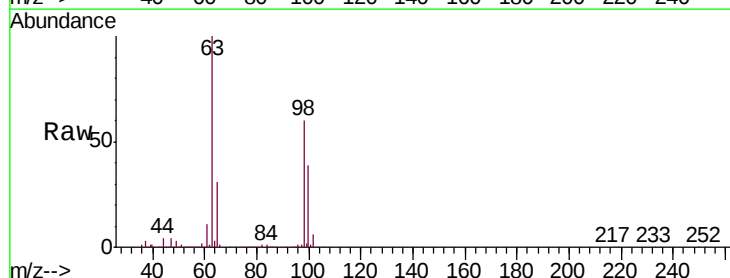
Tgt Ion: 96 Resp: 2046

Ion Ratio Lower Upper

96 100

61 1377.4 115.8 215.0#

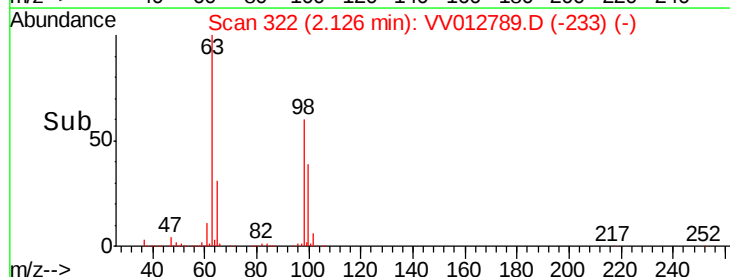
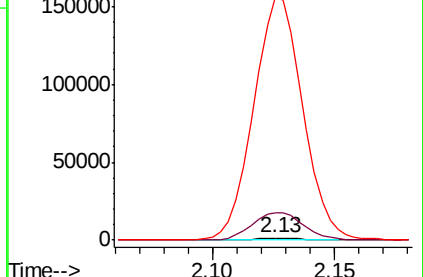
63 12125.3 79.4 147.4#

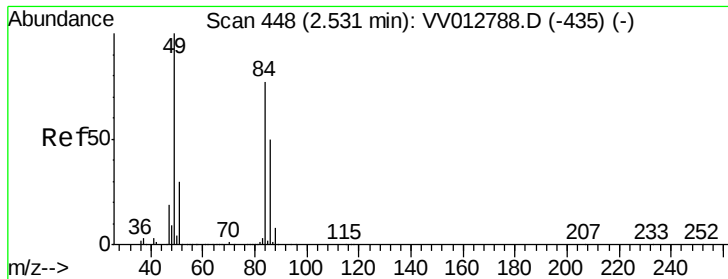


Abundance Ion 96.00 (95.70 to 96.70): VV012788.D (-311) (-)

Ion 61.05 (60.75 to 61.75): VV012788.D (-311) (-)

Ion 63.00 (62.70 to 63.70): VV012788.D (-311) (-)

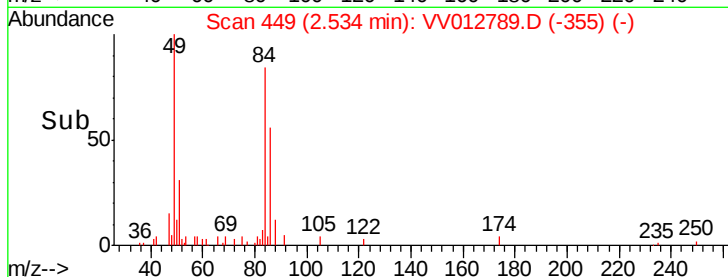
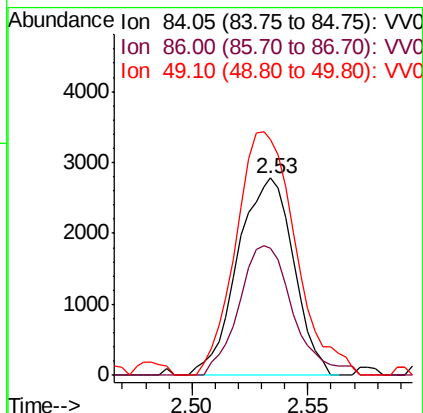
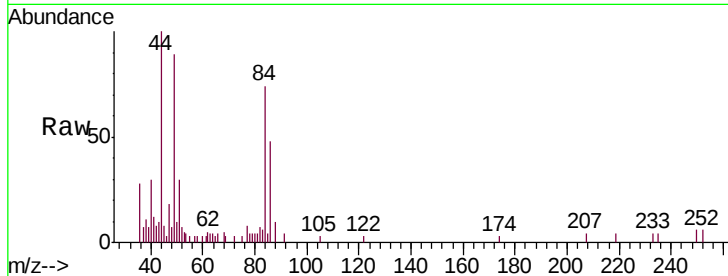




#16
Methylene chloride
Concen: 0.135 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012789.D
Acq: 15 Sep 2019 09:25

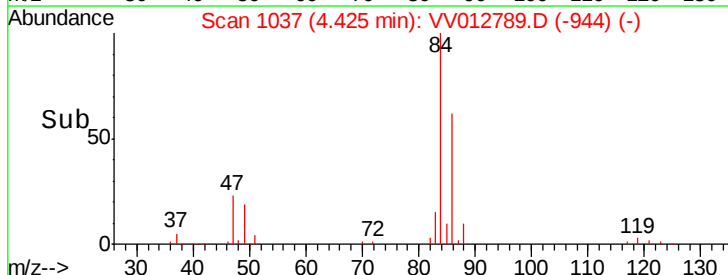
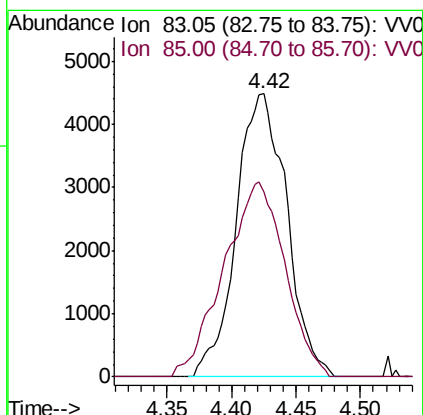
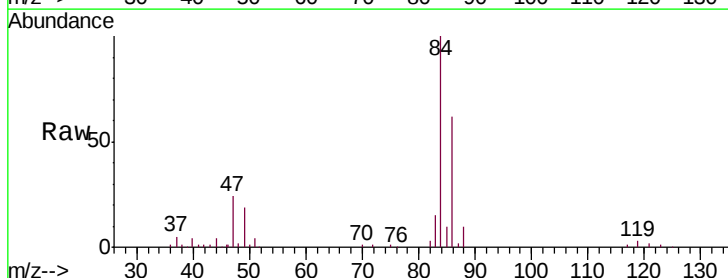
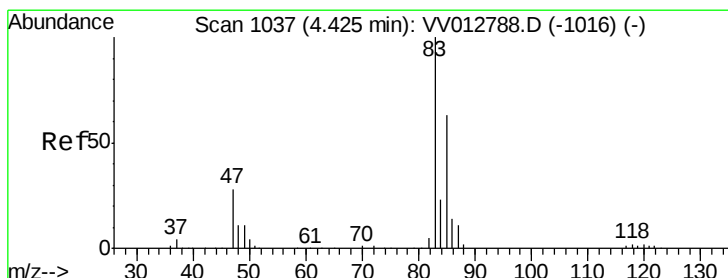
Instrument :
MSVOA_V
ClientSampleId :
VBLK56

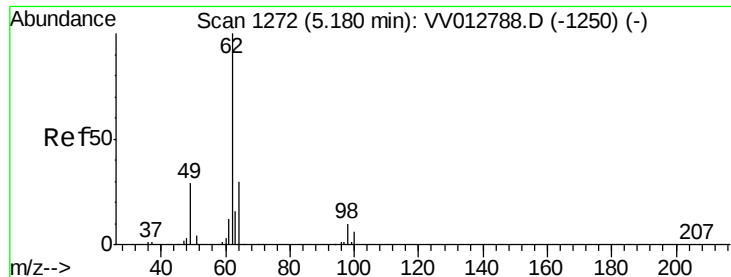
Tgt Ion: 84 Resp: 4657
Ion Ratio Lower Upper
84 100
86 64.2 46.1 85.7
49 119.4 85.3 158.3



#25
Chloroform
Concen: 0.186 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012789.D
Acq: 15 Sep 2019 09:25

Tgt Ion: 83 Resp: 12223
Ion Ratio Lower Upper
83 100
85 65.2 45.3 84.1





#27

1,2-Dichloroethane

Concen: 0.098 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV012789.D

Acq: 15 Sep 2019 09:25

Instrument :

MSVOA_V

ClientSampleId :

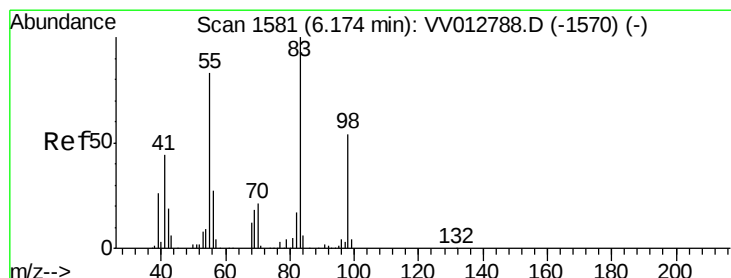
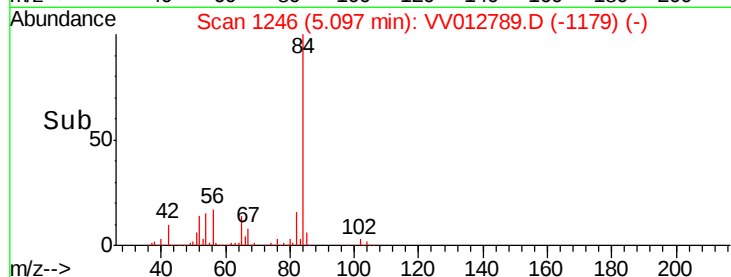
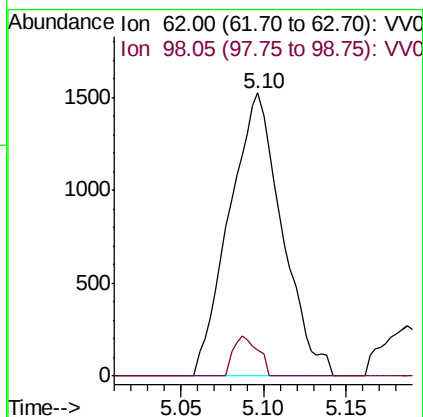
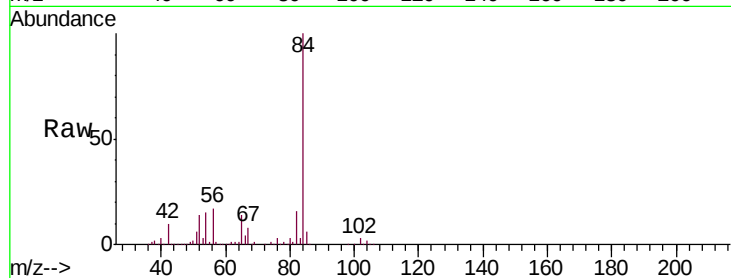
VBLK56

Tgt Ion: 62 Resp: 3356

Ion Ratio Lower Upper

62 100

98 9.1 8.4 12.6



#35

Methylcyclohexane

Concen: 0.832 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012789.D

Acq: 15 Sep 2019 09:25

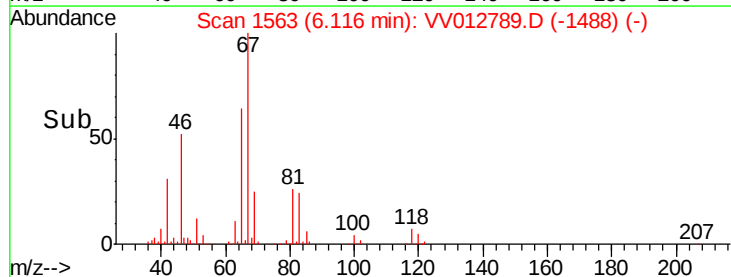
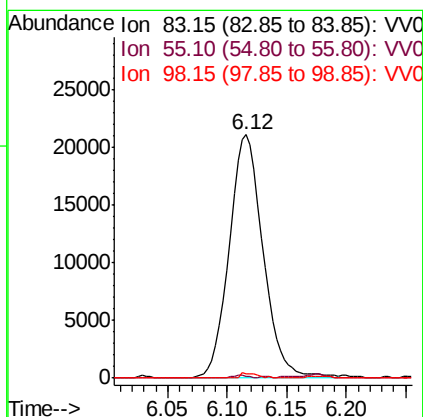
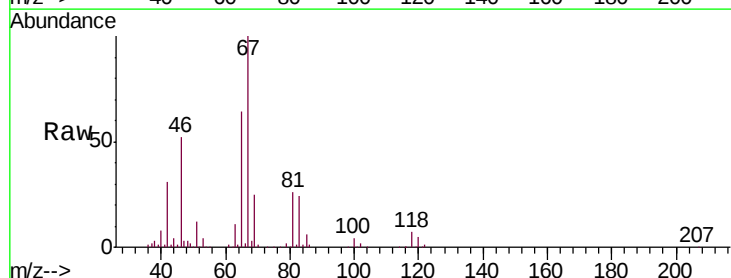
Tgt Ion: 83 Resp: 41745

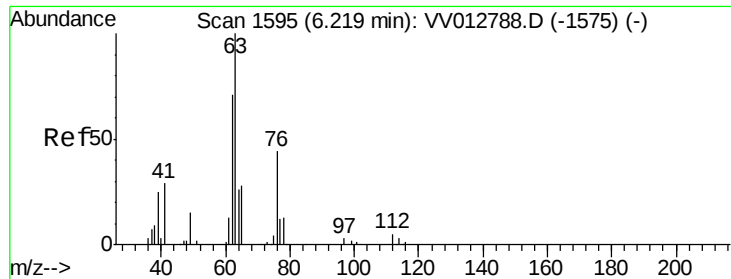
Ion Ratio Lower Upper

83 100

55 0.5 63.0 94.4#

98 1.0 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.609 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012789.D

Acq: 15 Sep 2019 09:25

Instrument :

MSVOA_V

ClientSampleId :

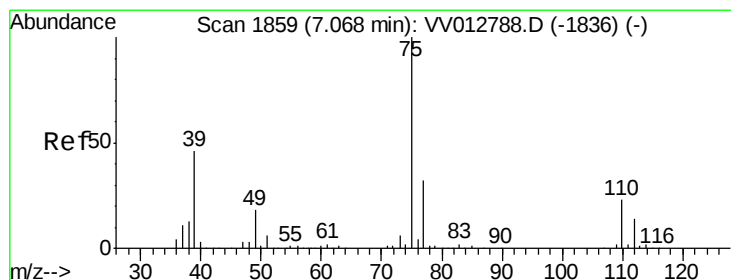
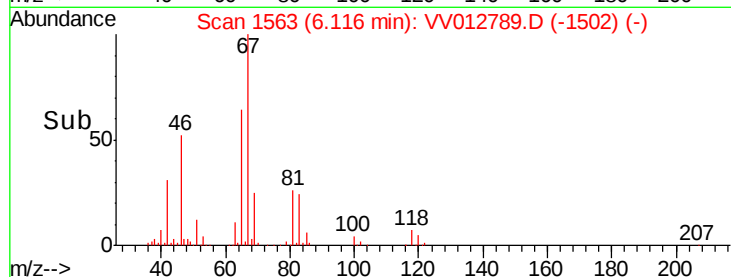
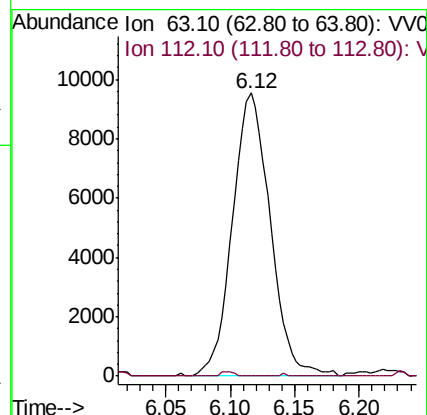
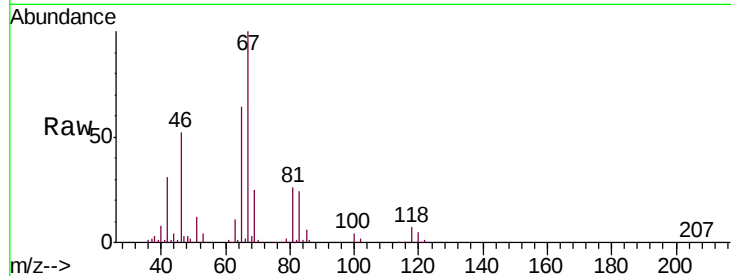
VBLK56

Tgt Ion: 63 Resp: 19479

Ion Ratio Lower Upper

63 100

112 0.6 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV012789.D

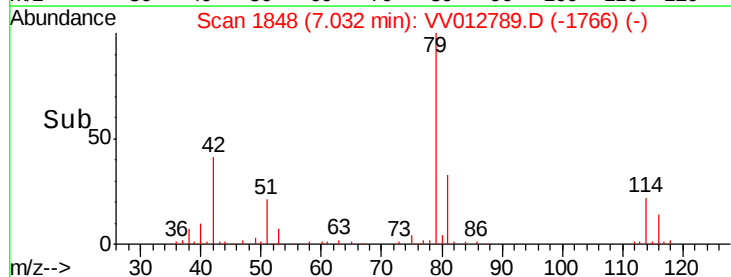
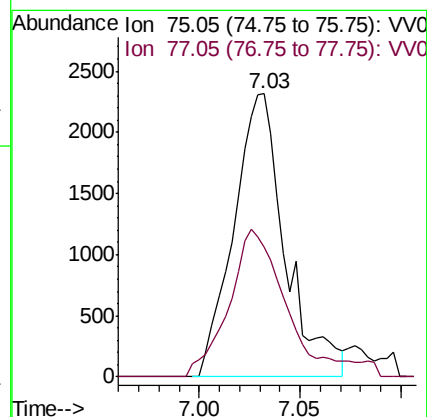
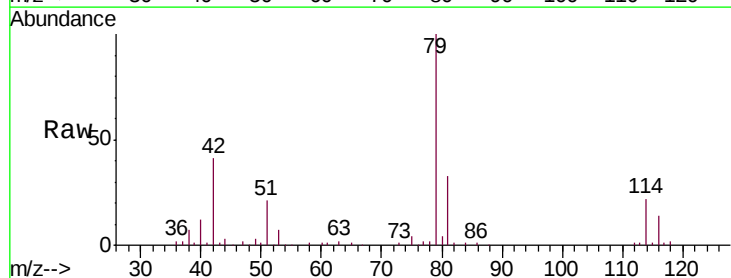
Acq: 15 Sep 2019 09:25

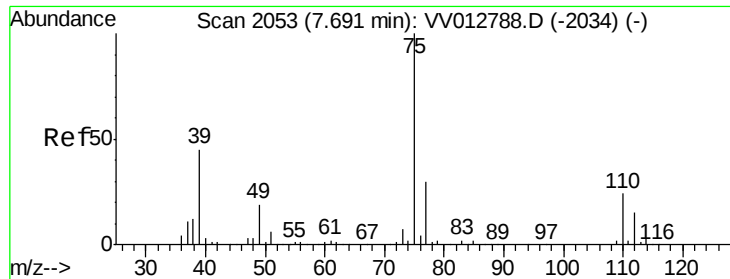
Tgt Ion: 75 Resp: 4144

Ion Ratio Lower Upper

75 100

77 45.7 22.3 41.3#

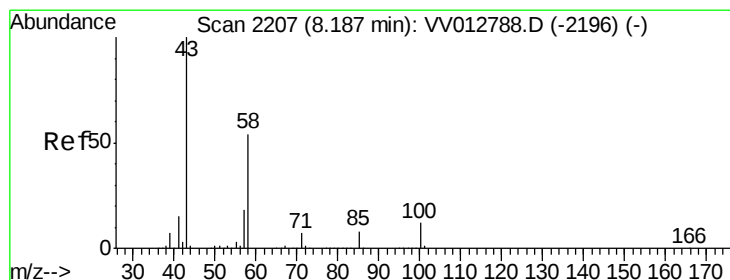
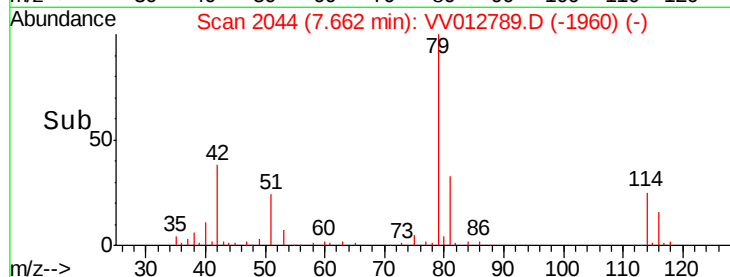
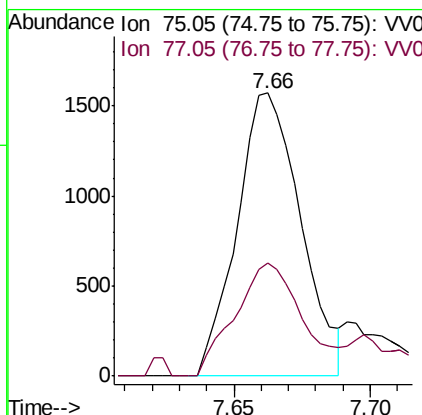
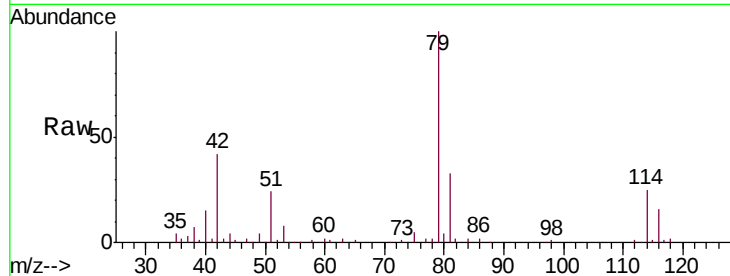




#44
trans-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012789.D
Acq: 15 Sep 2019 09:25

Instrument :
MSVOA_V
ClientSampleId :
VBLK56

Tgt Ion: 75 Resp: 2545
Ion Ratio Lower Upper
75 100
77 40.0 22.4 41.6



#48
2-Hexanone
Concen: 4.219 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV012789.D
Acq: 15 Sep 2019 09:25

Tgt Ion: 43 Resp: 53530
Ion Ratio Lower Upper
43 100
58 40.0 44.8 67.2#
57 16.4 14.9 22.3
100 7.3 9.8 14.8#

