

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091719\
 Data File : VV012871.D
 Acq On : 17 Sep 2019 18:28
 Operator : SY/MD
 Sample : VV0917WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK60

Quant Time: Sep 17 19:07:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 17 17:41:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	399307	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	389220	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	156328	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	184526	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.58	69	149350	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.13	63	224642	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.98	46	438355	52.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.94%
24) Chloroform-d	4.40	84	295598	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.08	65	156805	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.09	84	632684	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	195823	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.36	98	517408	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.66	79	66268	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.14	63	311235	52.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	143839	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	181671	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

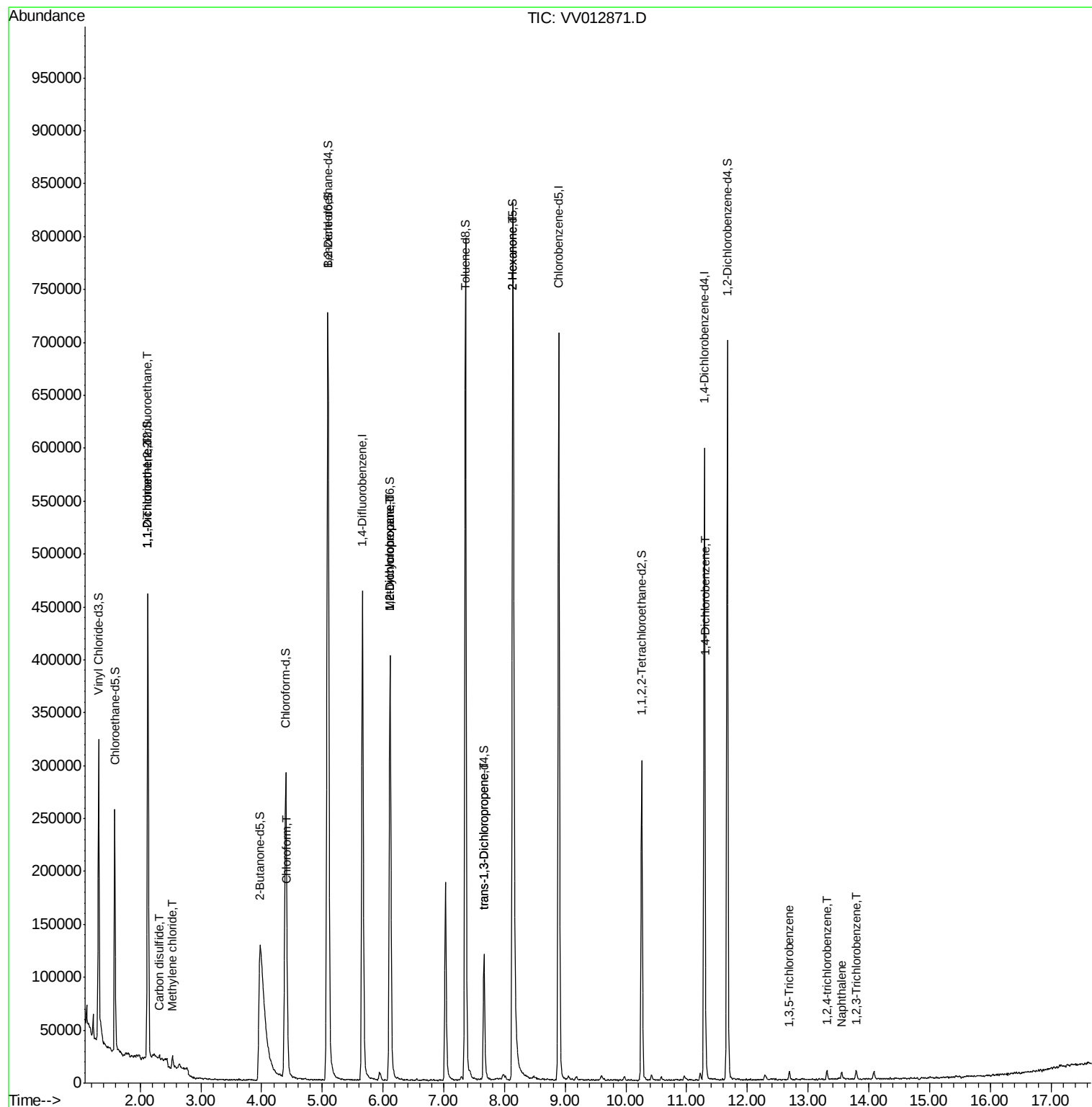
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2597	0.110	ug/L #	35
12) 1,1-Dichloroethene	2.13	96	2337	0.109	ug/L #	1
14) Carbon disulfide	2.32	76	2735	0.062	ug/L #	41
16) Methylene chloride	2.53	84	4503	0.171	ug/L	81
25) Chloroform	4.43	83	10202	0.185	ug/L	85
35) Methylcyclohexane	6.12	83	46699	1.338	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	21101	0.767	ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	2968	0.102	ug/L #	67
48) 2-Hexanone	8.14	43	40524	3.165	ug/L #	82
63) 1,4-Dichlorobenzene	11.31	146	3164	0.066	ug/L #	85
67) 1,3,5-Trichlorobenzene	12.69	180	2447	0.067	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	3009	0.103	ug/L #	93
69) Naphthalene	13.55	128	5571	0.126	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	3038	0.105	ug/L	88

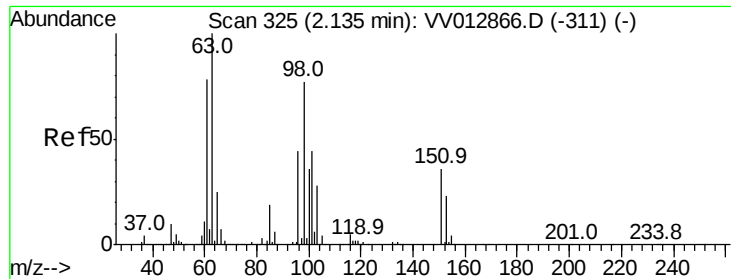
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV091719\
Data File : VV012871.D
Acq On : 17 Sep 2019 18:28
Operator : SY/MD
Sample : VV0917WBL01
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK60

Quant Time: Sep 17 19:07:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 17 17:41:31 2019
Response via : Initial Calibration





#10

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

Concen: 0.110 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012871.D

Acq: 17 Sep 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

VBLK60

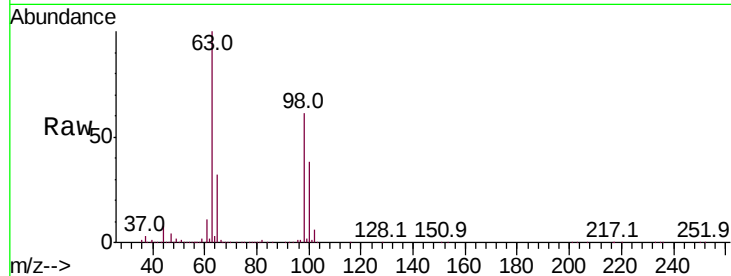
Tot Ion:101 Resp: 2597

Ion Ratio Lower Upper

101 100

85 8.4 33.5 50.3#

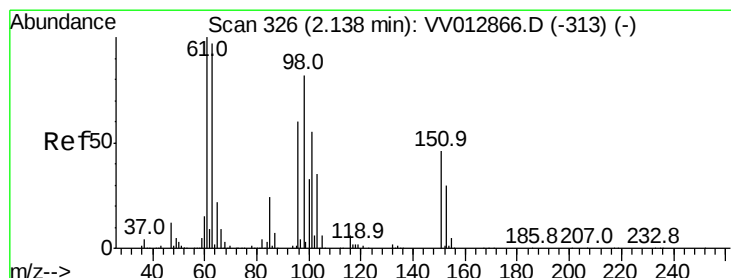
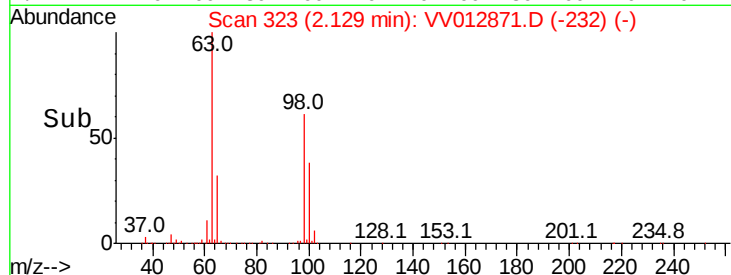
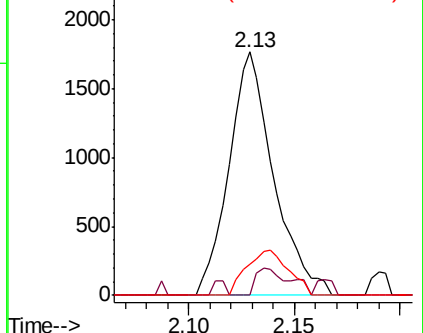
151 17.4 64.0 96.0#



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: 0.109 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012871.D

Acq: 17 Sep 2019 18:28

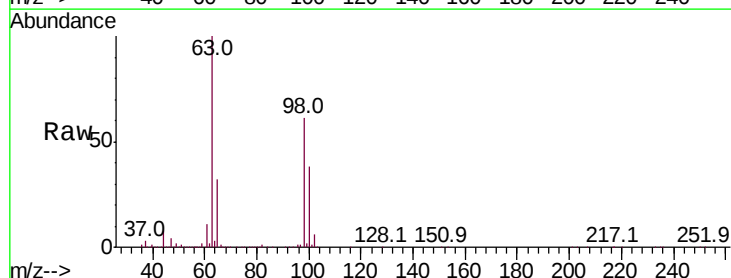
Tgt Ion: 96 Resp: 2337

Ion Ratio Lower Upper

96 100

61 1197.3 116.1 215.5#

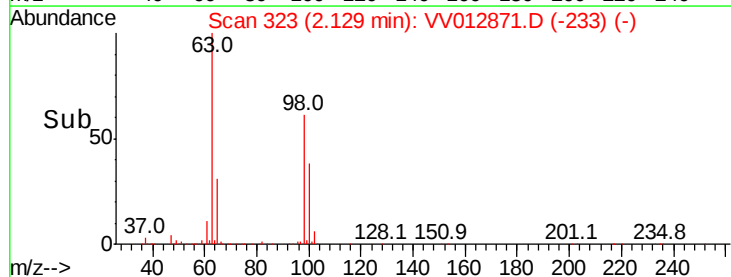
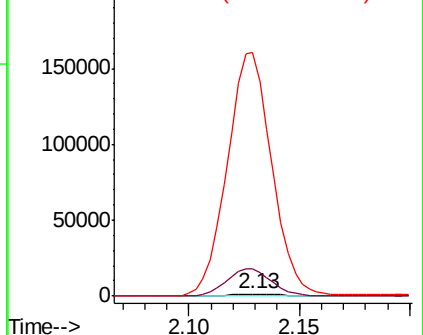
63 10753.9 113.3 210.3#

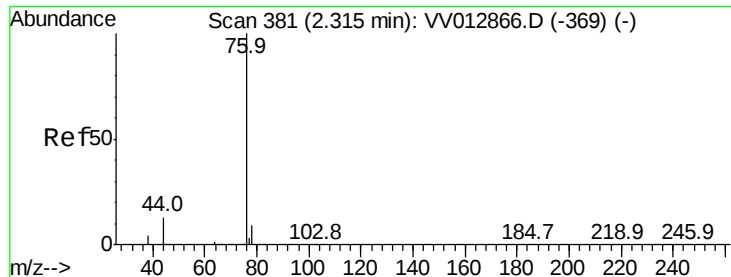


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.062 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV012871.D

Acq: 17 Sep 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

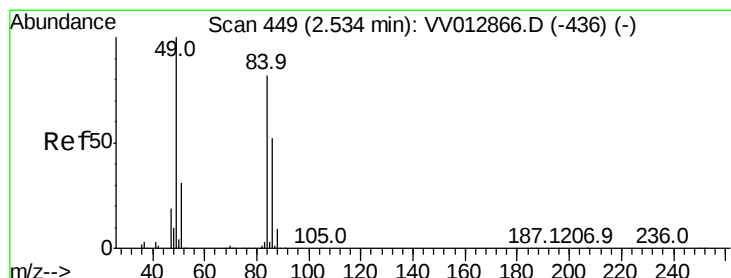
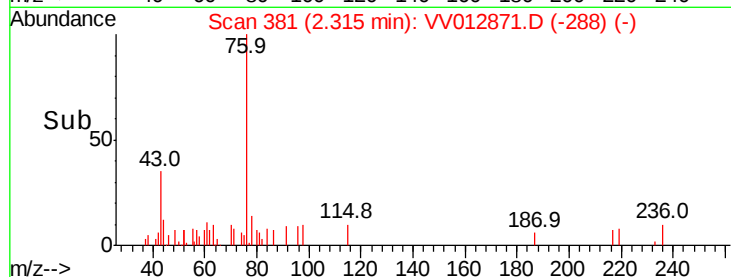
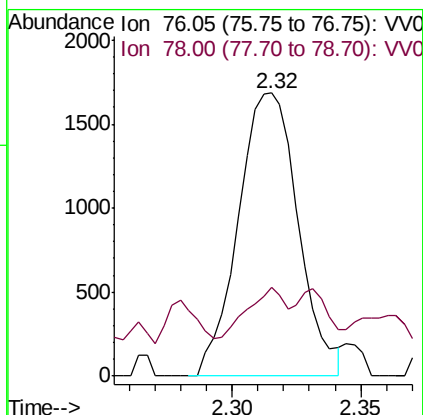
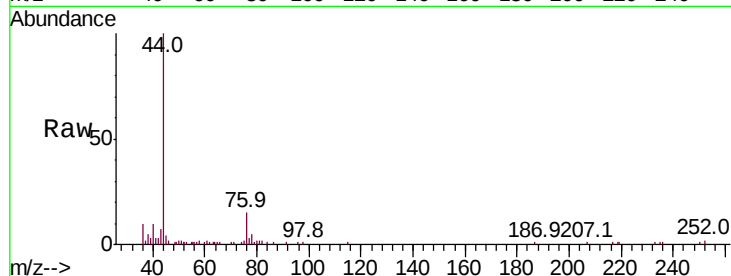
VBLK60

Tot Ion: 76 Resp: 2735

Ion Ratio Lower Upper

76 100

78 31.2 7.6 11.4#



#16

Methylene chloride

Concen: 0.171 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV012871.D

Acq: 17 Sep 2019 18:28

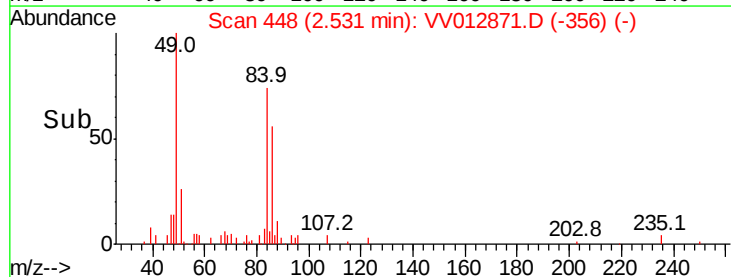
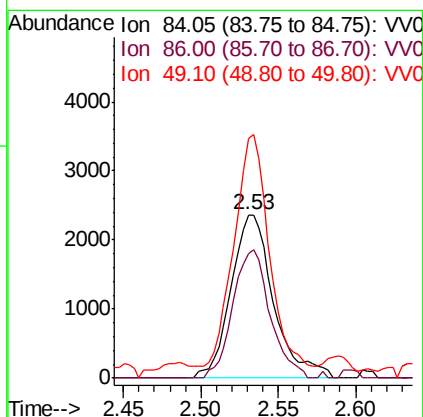
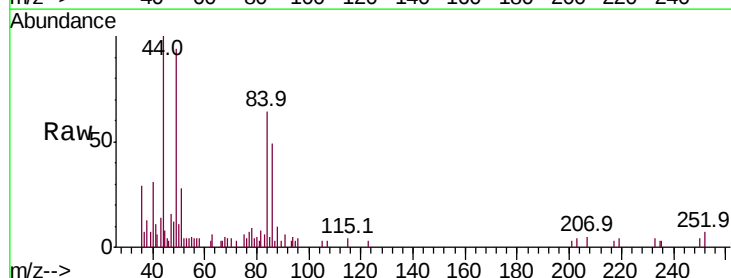
Tgt Ion: 84 Resp: 4503

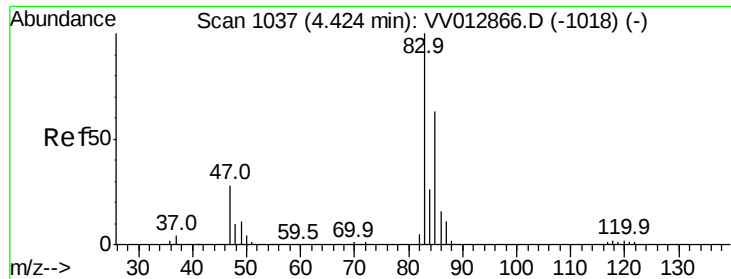
Ion Ratio Lower Upper

84 100

86 76.1 44.8 83.2

49 146.7 85.9 159.5

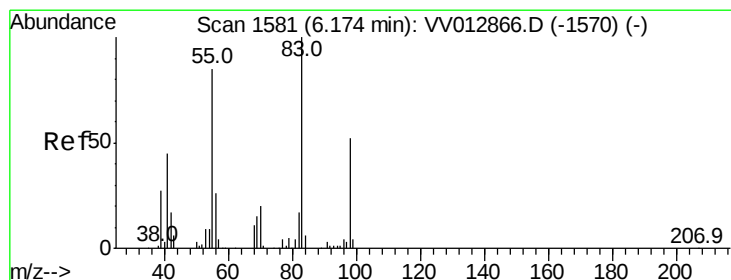
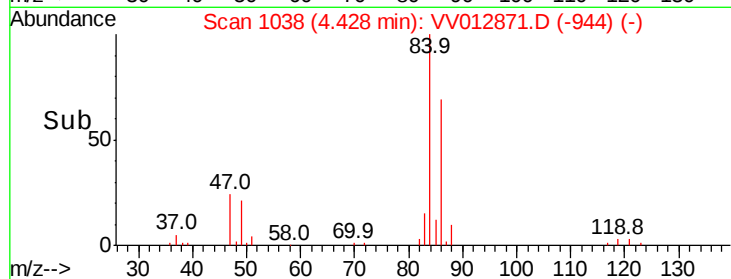
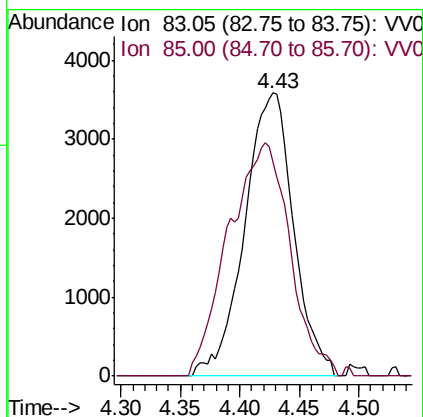
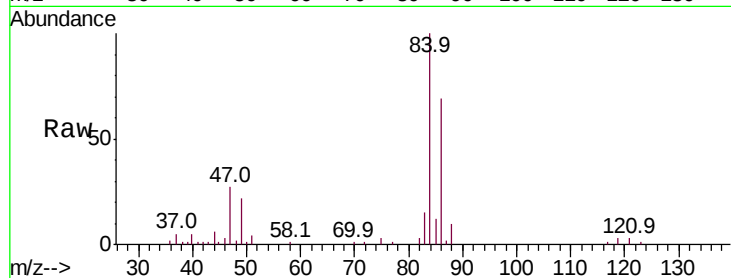




#25
Chloroform
Concen: 0.185 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012871.D
Acq: 17 Sep 2019 18:28

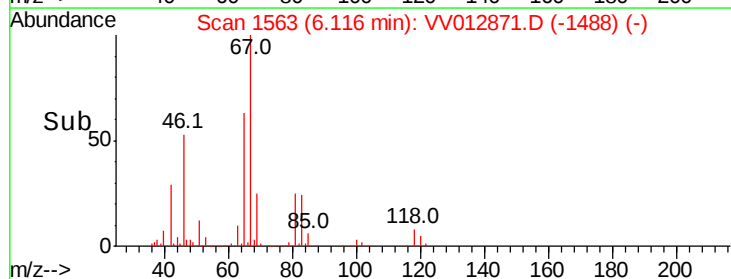
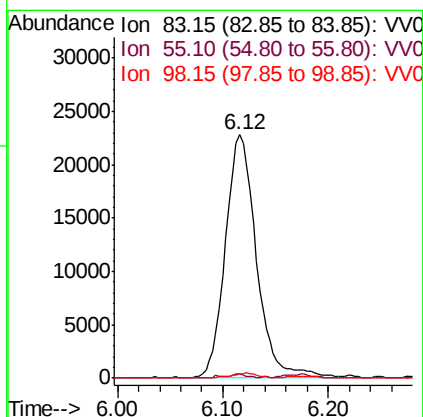
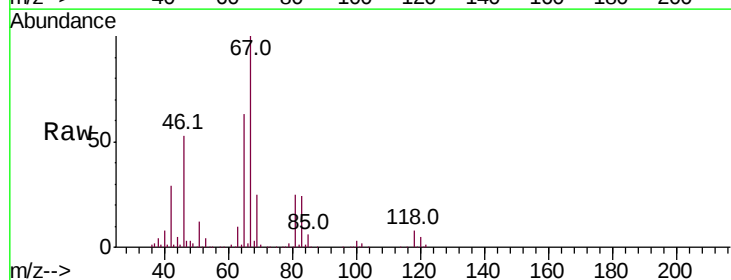
Instrument :
MSVOA_V
ClientSampleId :
VBLK60

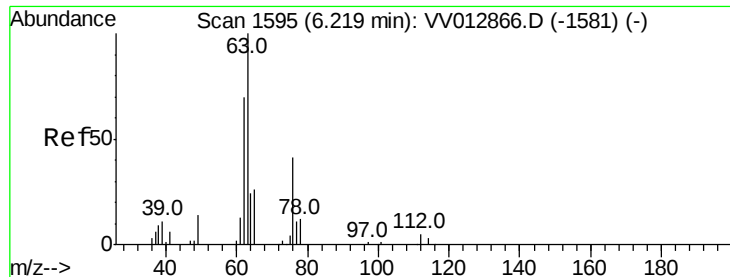
Tot Ion: 83 Resp: 10202
Ion Ratio Lower Upper
83 100
85 75.5 44.4 82.5



#35
Methylcyclohexane
Concen: 1.338 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012871.D
Acq: 17 Sep 2019 18:28

Tgt Ion: 83 Resp: 46699
Ion Ratio Lower Upper
83 100
55 0.7 63.8 95.6#
98 1.7 38.2 57.4#





#37

1,2-Dichloropropane

Concen: 0.767 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV012871.D

Acq: 17 Sep 2019 18:28

Instrument :

MSVOA_V

ClientSampled :

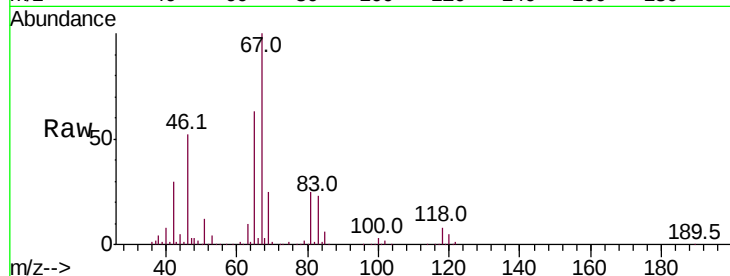
VBLK60

Tot Ion: 63 Resp: 21101

Ion Ratio Lower Upper

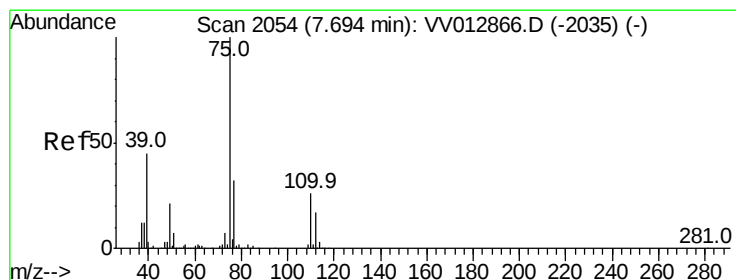
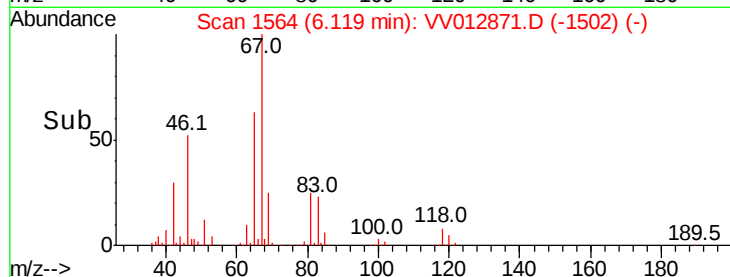
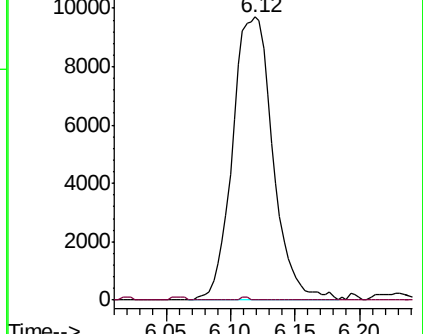
63 100

112 0.2 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV012866.D (-1581) (-)

Ion 112.10 (111.80 to 112.80): VV012866.D (-1581) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012871.D

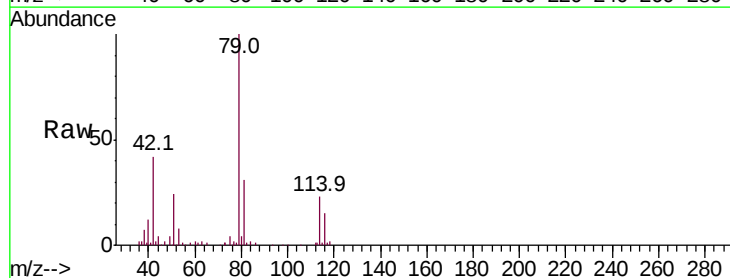
Acq: 17 Sep 2019 18:28

Tgt Ion: 75 Resp: 2968

Ion Ratio Lower Upper

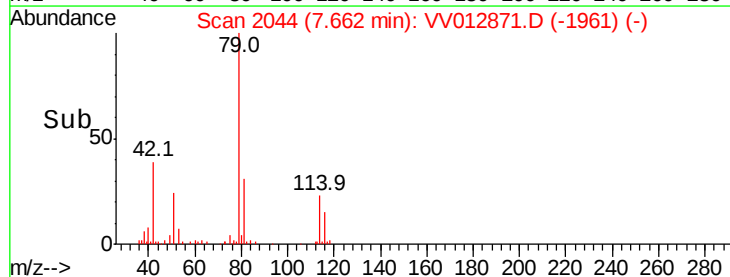
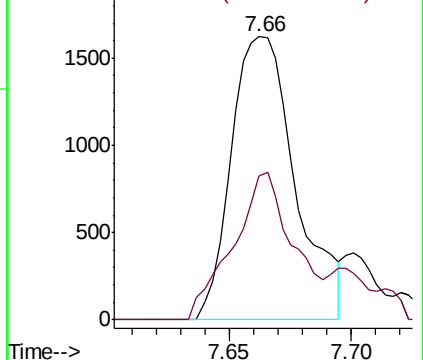
75 100

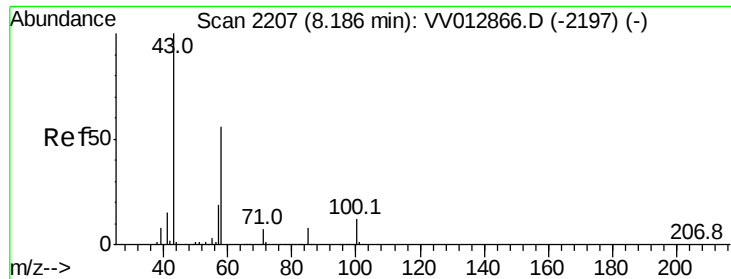
77 50.8 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VV012866.D (-2035) (-)

Ion 77.05 (76.75 to 77.75): VV012866.D (-2035) (-)

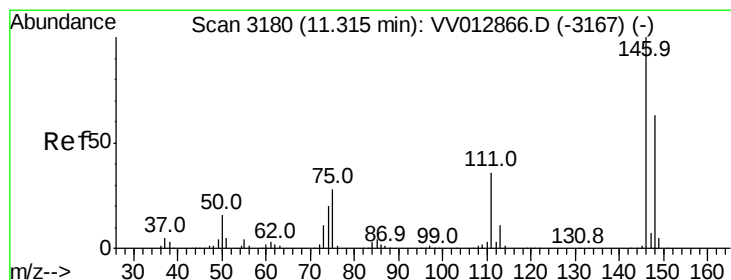
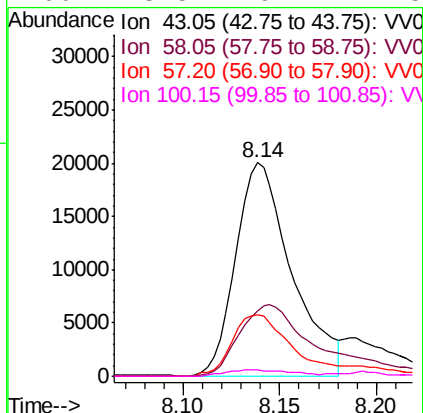
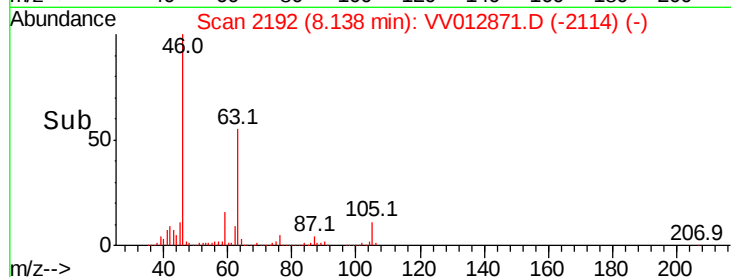
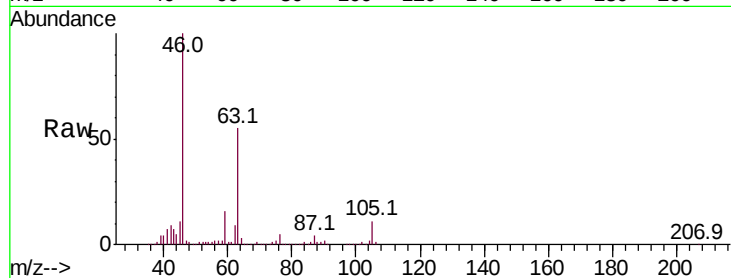




#48
 2-Hexanone
 Concen: 3.165 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV012871.D
 Acq: 17 Sep 2019 18:28

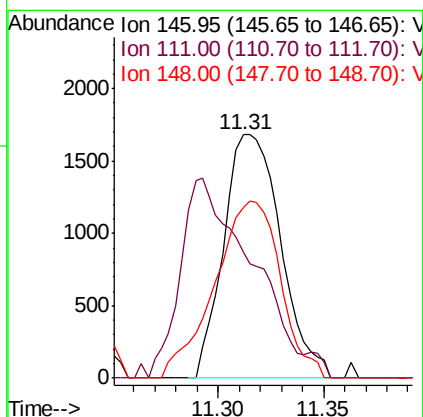
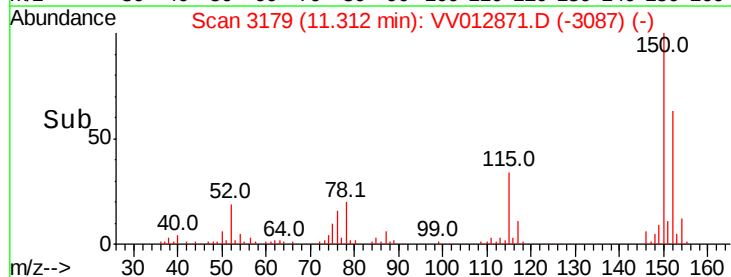
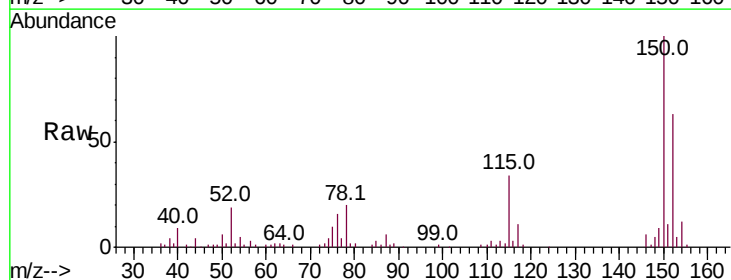
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK60

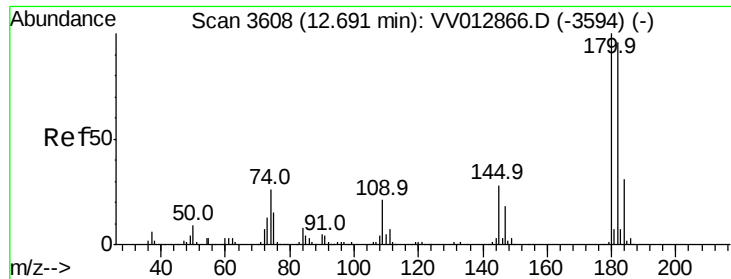
Tot Ion: 43 Resp: 40524
 Ion Ratio Lower Upper
 43 100
 58 48.1 44.5 66.7
 57 34.9 15.0 22.6#
 100 3.5 9.7 14.5#



#63
 1,4-Dichlorobenzene
 Concen: 0.066 ug/L
 RT: 11.31 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: VV012871.D
 Acq: 17 Sep 2019 18:28

Tgt Ion: 146 Resp: 3164
 Ion Ratio Lower Upper
 146 100
 111 51.8 25.6 47.4#
 148 69.9 44.5 82.7

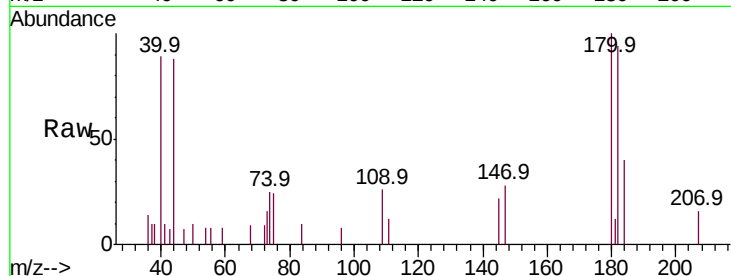




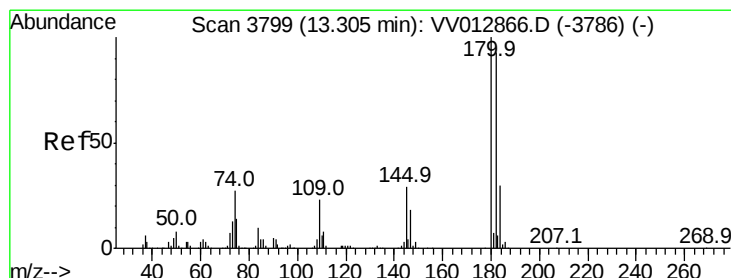
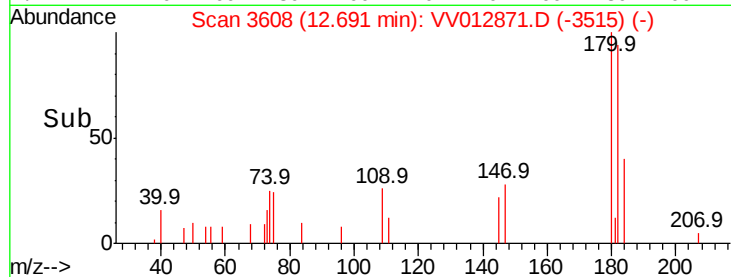
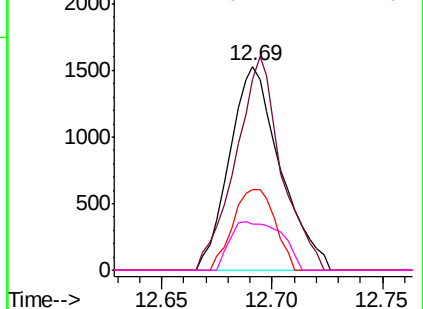
#67
 1,3,5-Trichlorobenzene
 Concen: 0.067 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VV012871.D
 Acq: 17 Sep 2019 18:28

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK60

Tot Ion:	180	Resp:	2447
Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.2	114.4
184	32.8	24.6	36.8
145	24.2	22.1	33.1

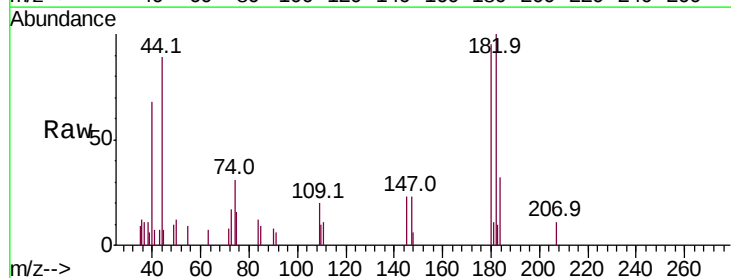


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

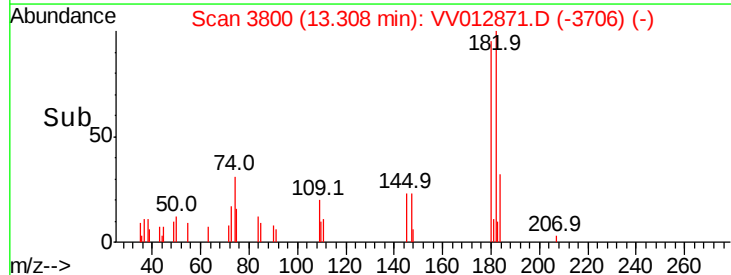
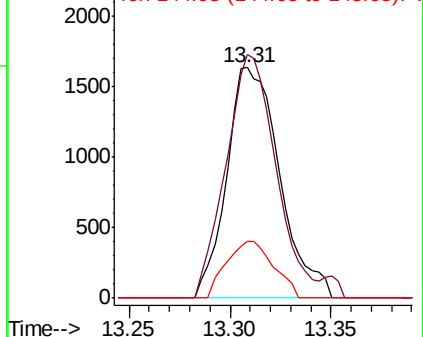


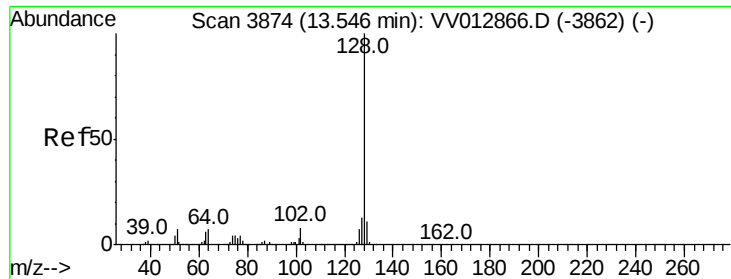
#68
 1,2,4-trichlorobenzene
 Concen: 0.103 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV012871.D
 Acq: 17 Sep 2019 18:28

Tgt Ion:	180	Resp:	3009
Ion	Ratio	Lower	Upper
180	100		
182	99.5	75.8	113.6
145	21.9	22.9	34.3#



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 0.126 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.01 min

Lab File: VV012871.D

Acq: 17 Sep 2019 18:28

Instrument :

MSVOA_V

ClientSampleId :

VBLK60

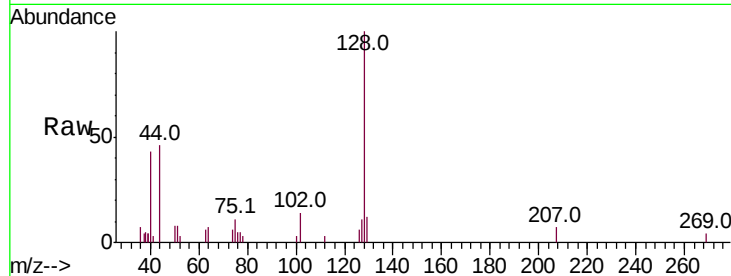
Tot Ion:128 Resp: 5571

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

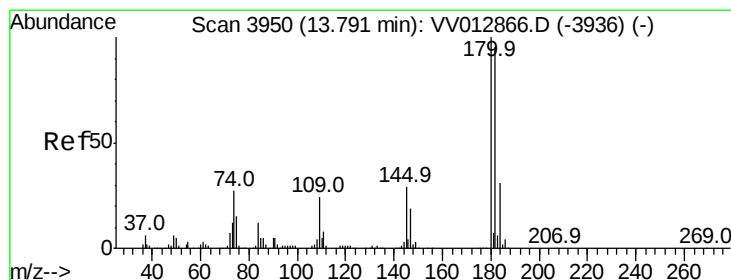
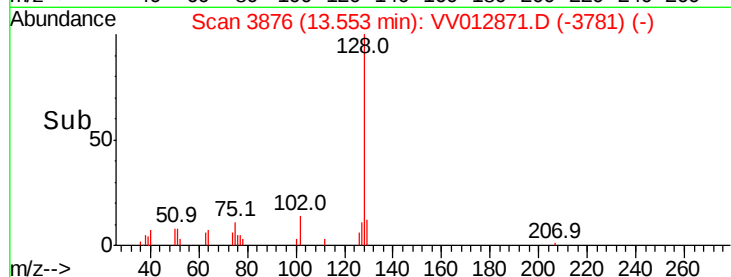
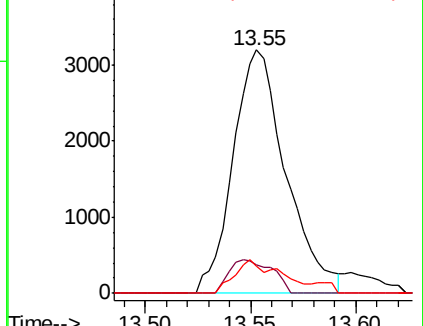
127 12.0 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.105 ug/L

RT: 13.79 min Scan# 3950

Delta R.T. 0.00 min

Lab File: VV012871.D

Acq: 17 Sep 2019 18:28

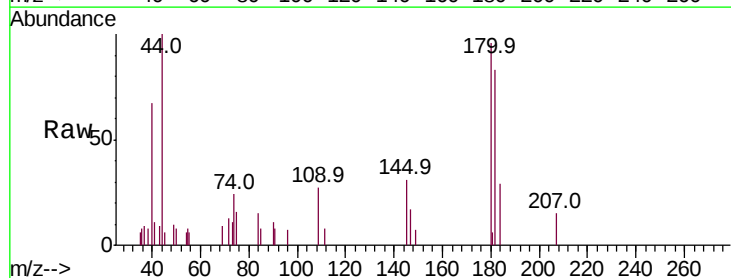
Tgt Ion:180 Resp: 3038

Ion Ratio Lower Upper

180 100

182 81.7 76.1 114.1

145 26.0 23.7 35.5



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

