

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091218\
 Data File : VV007499.D
 Acq On : 13 Sep 2018 02:19
 Operator : SY/MD
 Sample : VV0912WBL02
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK80

Quant Time: Sep 13 07:19:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 07:19:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	123217	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110630	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59332	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31415	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.58	69	26326	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.13	63	52428	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	3.96	46	75587	53.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.48%
24) Chloroform-d	4.41	84	63698	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.09	65	33705	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.10	84	126378	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.13	67	36746	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	126069	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.67	79	15718	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.14	63	47860	54.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.22%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	26338	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	51036	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

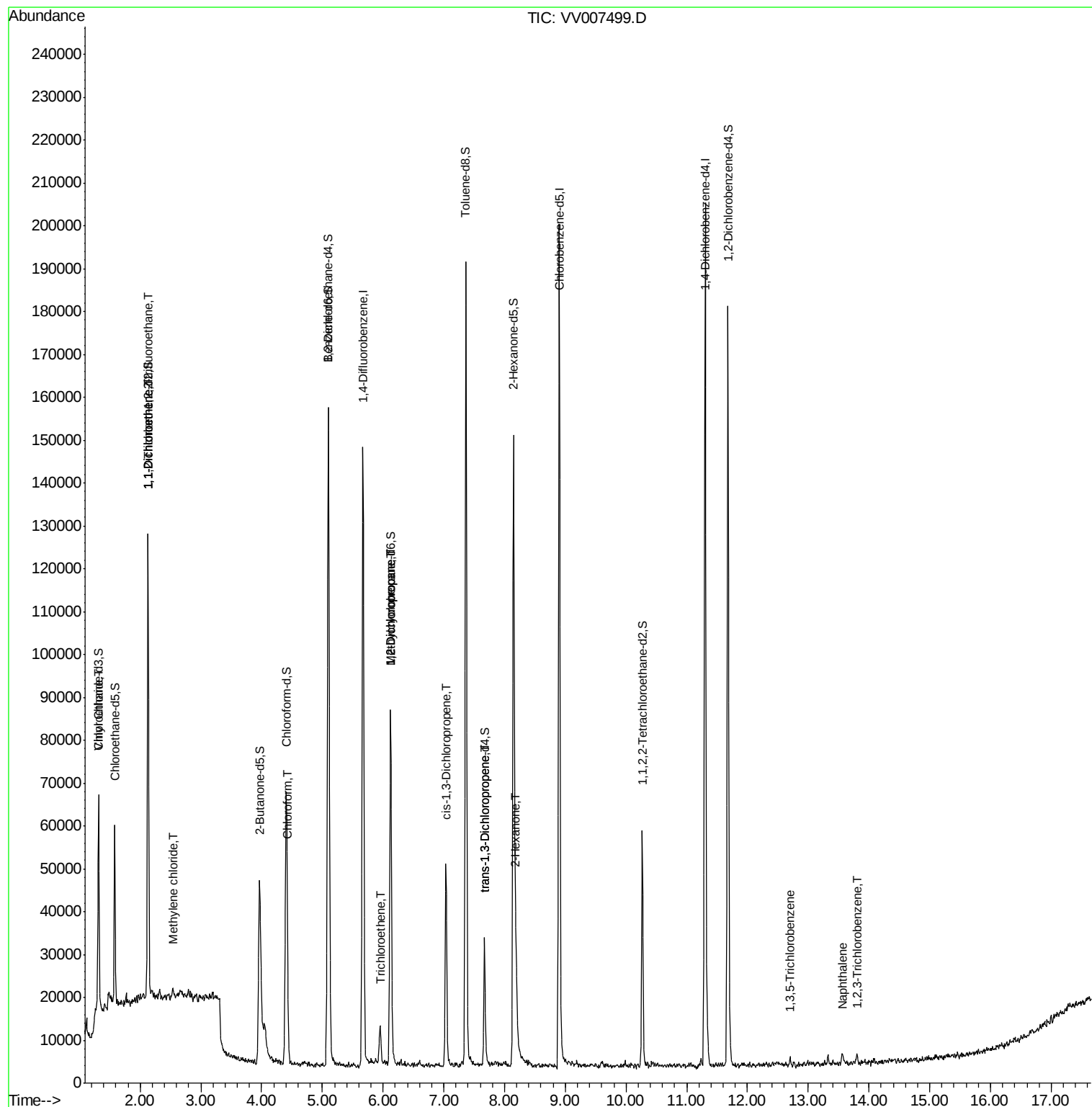
					Qvalue
8) Chloroethane	1.32	64	455	0.106 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	641	0.089 ug/L #	40
12) 1,1-Dichloroethene	2.13	96	707	0.111 ug/L #	1
16) Methylene chloride	2.53	84	1134	0.167 ug/L #	63
25) Chloroform	4.43	83	1339	0.117 ug/L	92
34) Trichloroethene	5.96	95	612	0.084 ug/L #	84
35) Methylcyclohexane	6.13	83	9945	0.881 ug/L #	23
37) 1,2-Dichloropropane	6.13	63	4566	0.747 ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1499	0.152 ug/L #	57
44) trans-1,3-Dichloropropene	7.67	75	879	0.106 ug/L #	60
48) 2-Hexanone	8.19	43	9051	3.573 ug/L #	77
67) 1,3,5-Trichlorobenzene	12.71	180	604	0.052 ug/L #	83
69) Naphthalene	13.56	128	2290	0.167 ug/L #	91
70) 1,2,3-Trichlorobenzene	13.81	180	661	0.080 ug/L #	96

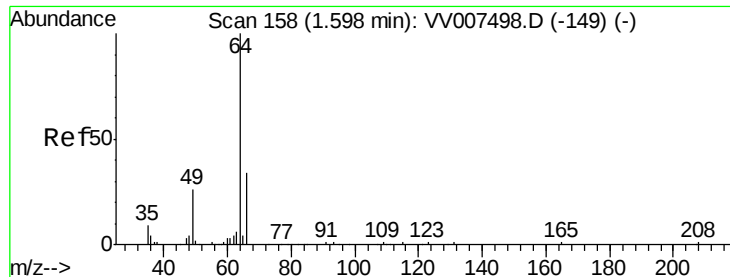
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 13 07:19:10 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.106 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV007499.D

Acq: 13 Sep 2018 02:19

Instrument :

MSVOA_V

ClientSampleId :

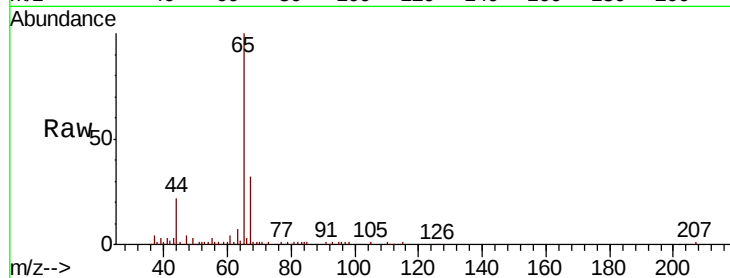
VBLK80

Tgt Ion: 64 Resp: 455

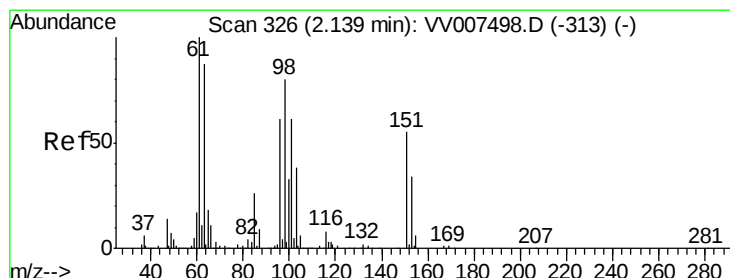
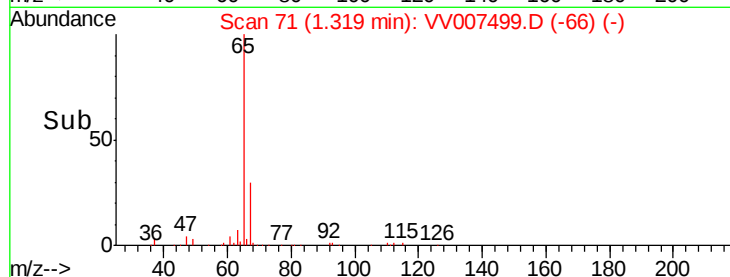
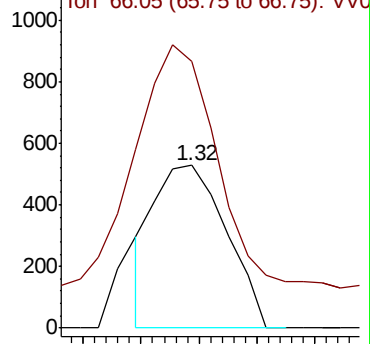
Ion Ratio Lower Upper

64 100

66 163.7 23.5 43.7#



Abundance Ion 64.10 (63.80 to 64.80): VV007498.D (-149) (-)



#10

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

Concen: 0.089 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV007499.D

Acq: 13 Sep 2018 02:19

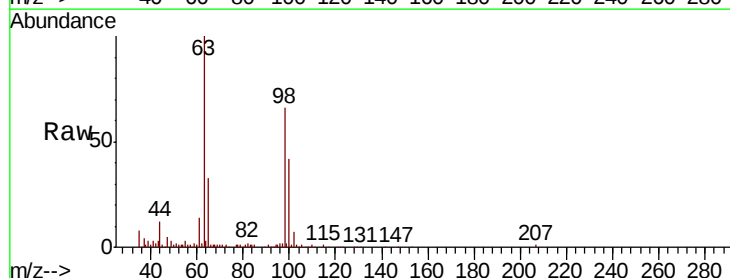
Tgt Ion: 101 Resp: 641

Ion Ratio Lower Upper

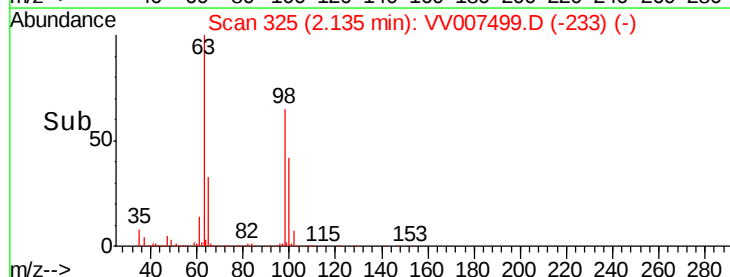
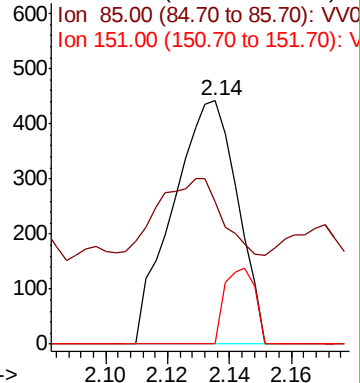
101 100

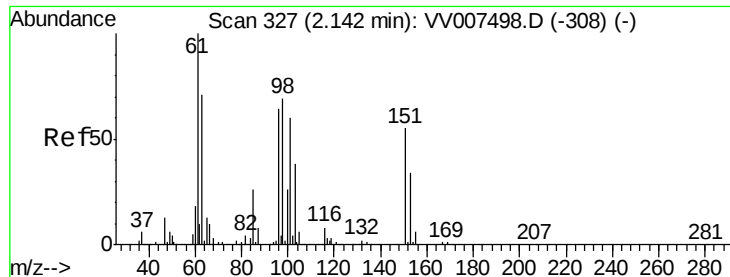
85 30.1 34.5 51.7#

151 14.7 71.4 107.0#



Abundance Ion 101.00 (100.70 to 101.70): VV007498.D (-313) (-)





#12

1,1-Dichloroethene

Concen: 0.111 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.02 min

Lab File: VV007499.D

Acq: 13 Sep 2018 02:19

Instrument :

MSVOA_V

ClientSampleId :

VBLK80

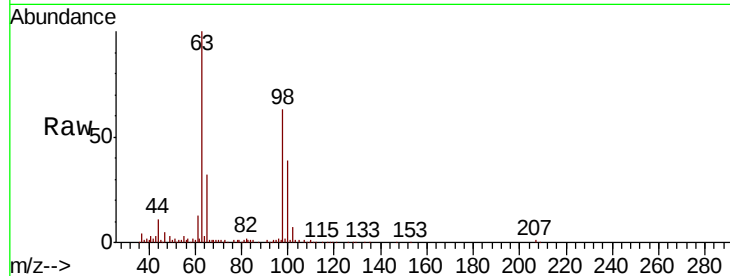
Tgt Ion: 96 Resp: 707

Ion Ratio Lower Upper

96 100

61 710.1 108.0 200.6#

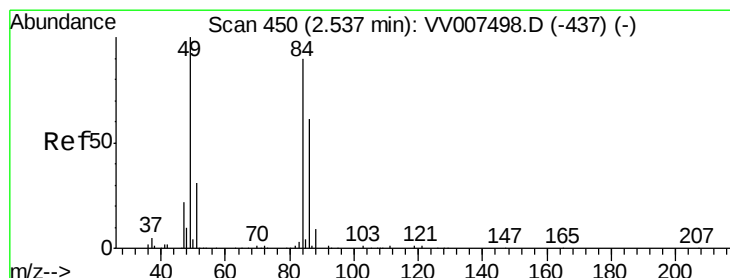
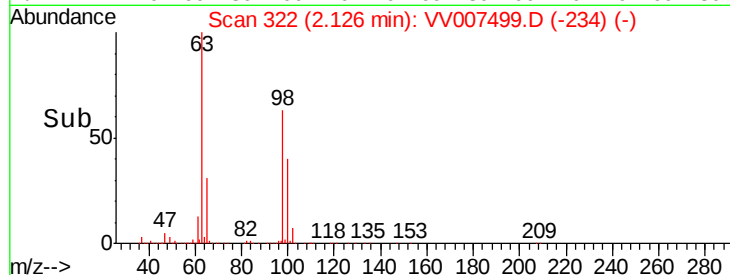
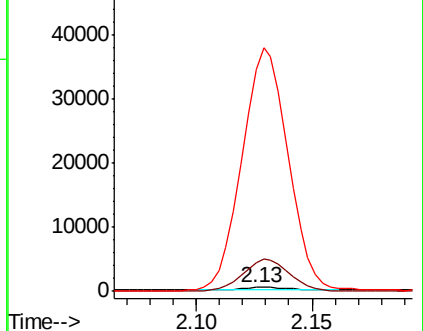
63 5446.5 85.7 159.1#



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: 0.167 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV007499.D

Acq: 13 Sep 2018 02:19

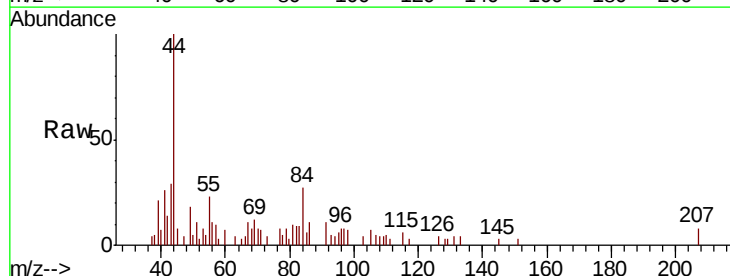
Tgt Ion: 84 Resp: 1134

Ion Ratio Lower Upper

84 100

86 39.0 44.9 83.3#

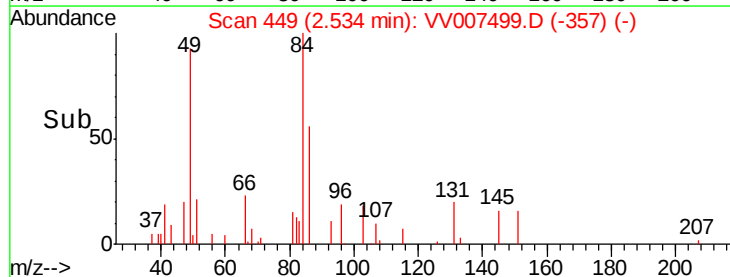
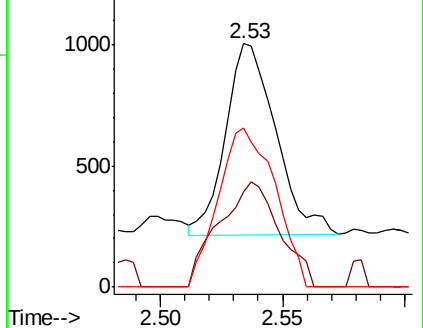
49 65.3 74.2 137.8#

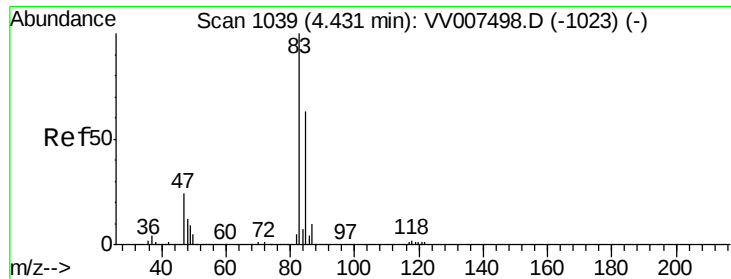


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

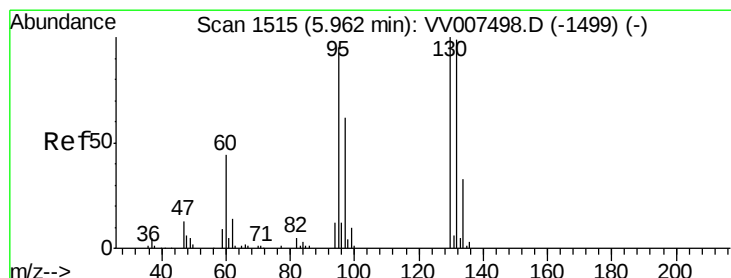
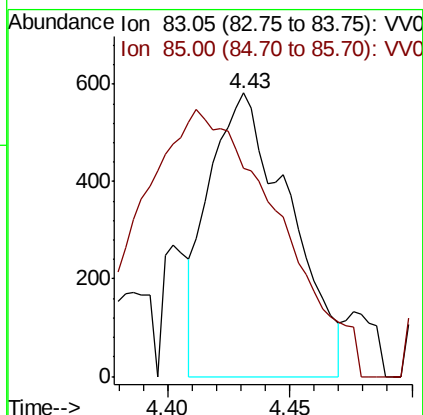
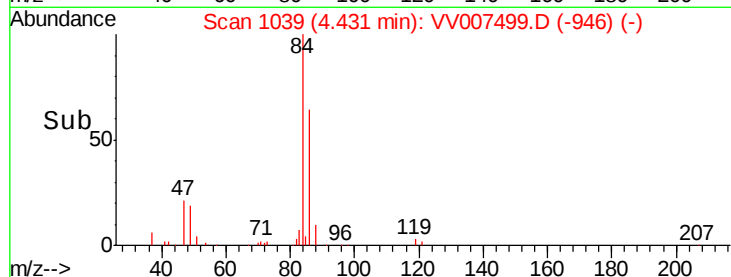
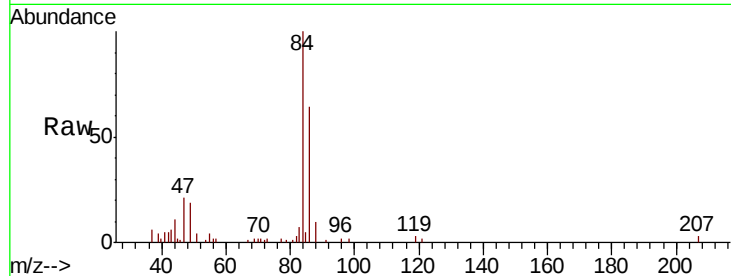




#25
Chloroform
Concen: 0.117 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV007499.D
Acq: 13 Sep 2018 02:19

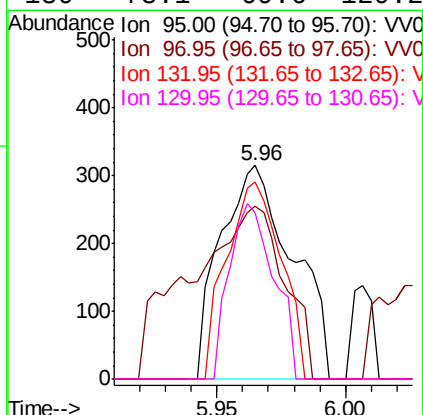
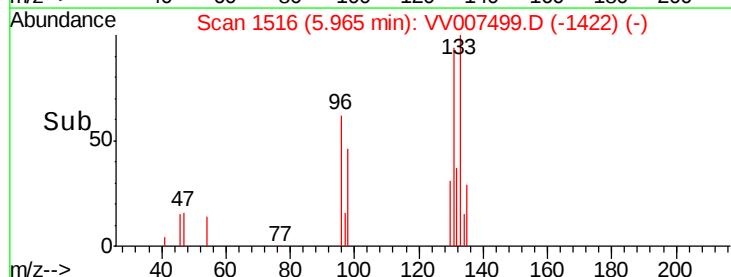
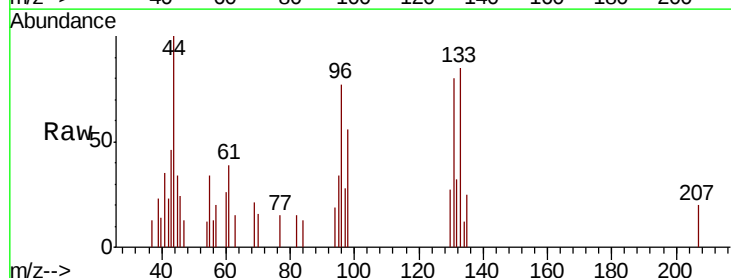
Instrument :
MSVOA_V
ClientSampled :
VBLK80

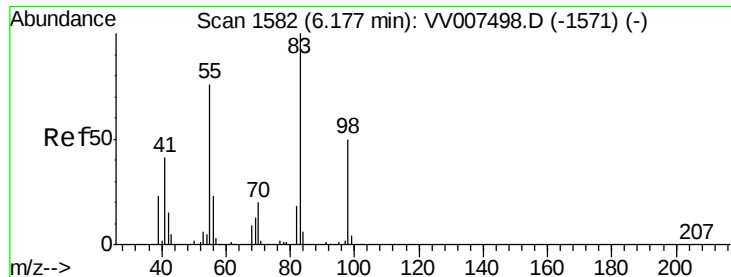
Tgt Ion: 83 Resp: 1339
Ion Ratio Lower Upper
83 100
85 73.4 46.6 86.6



#34
Trichloroethene
Concen: 0.084 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV007499.D
Acq: 13 Sep 2018 02:19

Tgt Ion: 95 Resp: 612
Ion Ratio Lower Upper
95 100
97 81.3 42.8 79.4#
132 92.1 67.6 125.6
130 78.1 69.6 129.2

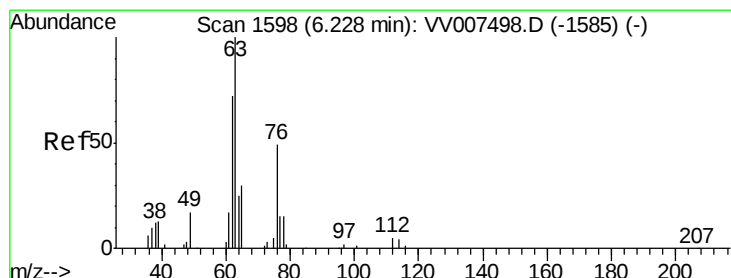
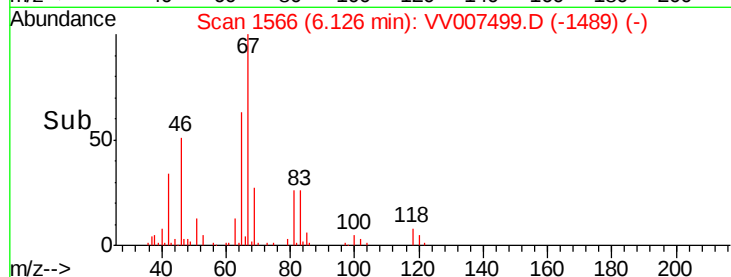
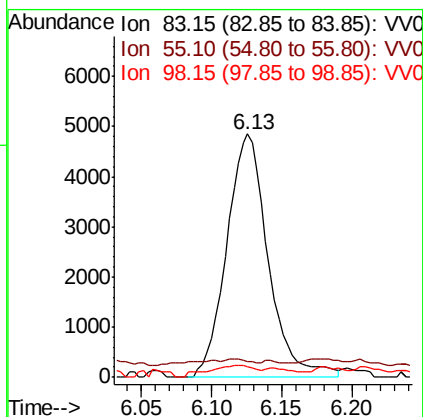
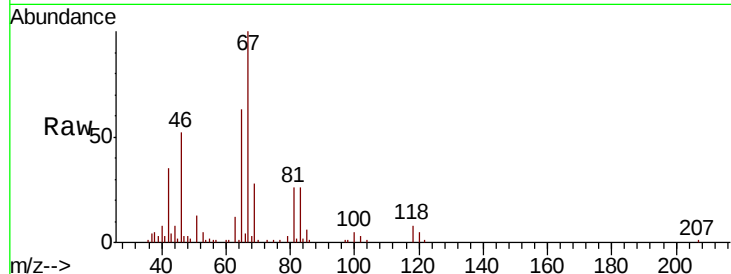




#35
Methylcyclohexane
Concen: 0.881 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007499.D
Acq: 13 Sep 2018 02:19

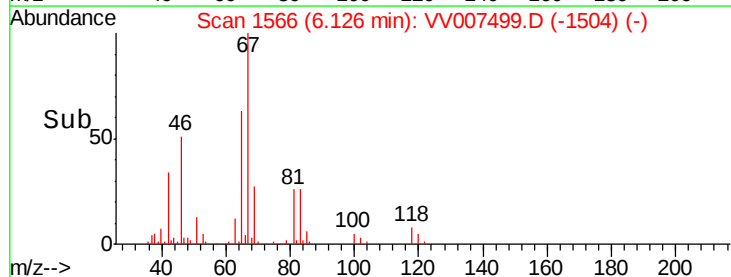
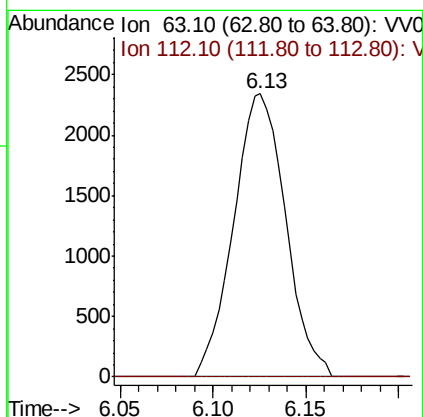
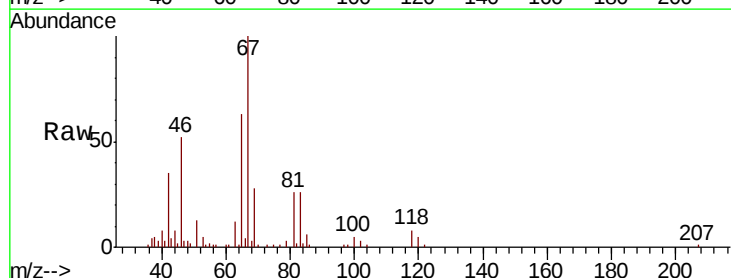
Instrument :
MSVOA_V
ClientSampleId :
VBLK80

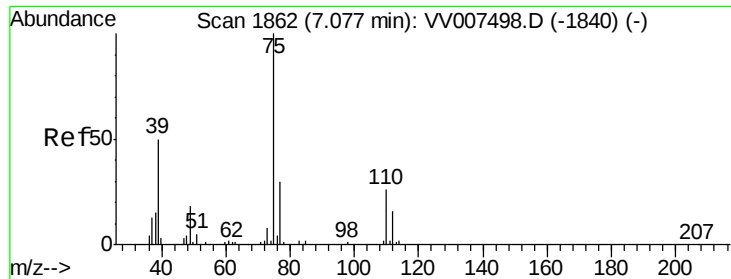
Tgt Ion: 83 Resp: 9945
Ion Ratio Lower Upper
83 100
55 1.4 57.4 86.0#
98 3.5 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.747 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007499.D
Acq: 13 Sep 2018 02:19

Tgt Ion: 63 Resp: 4566
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.152 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007499.D

Acq: 13 Sep 2018 02:19

Instrument :

MSVOA_V

ClientSampleId :

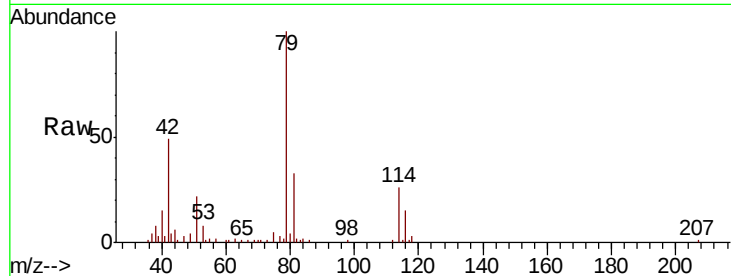
VBLK80

Tgt Ion: 75 Resp: 1499

Ion Ratio Lower Upper

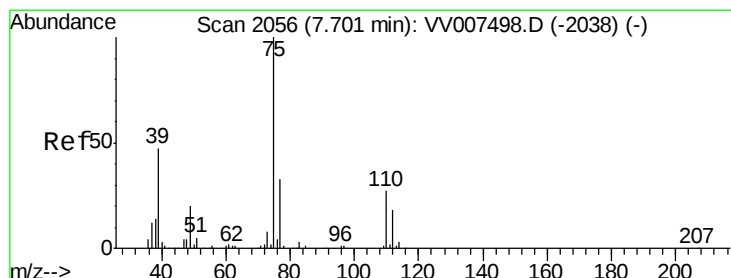
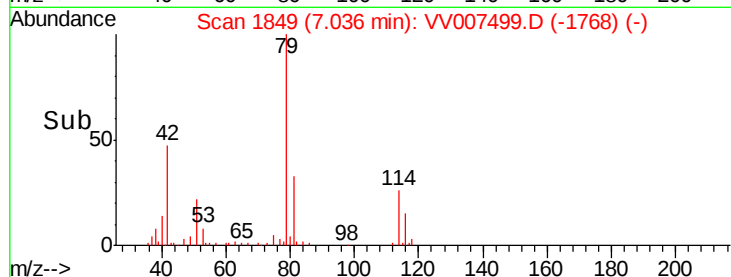
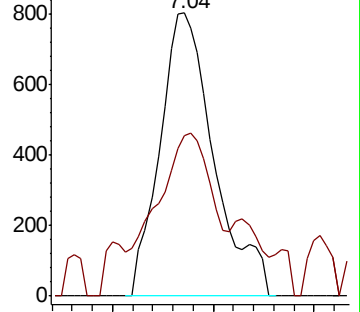
75 100

77 56.5 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007499.D

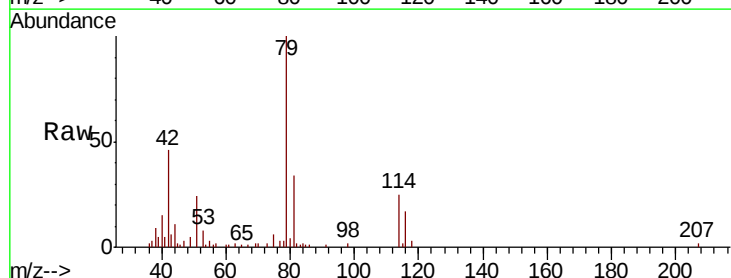
Acq: 13 Sep 2018 02:19

Tgt Ion: 75 Resp: 879

Ion Ratio Lower Upper

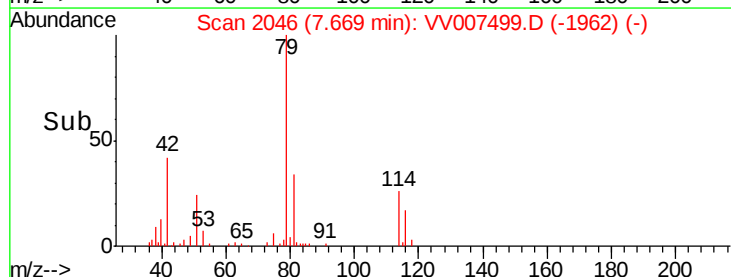
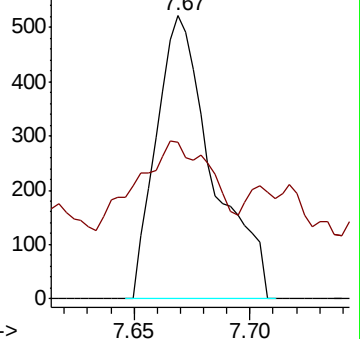
75 100

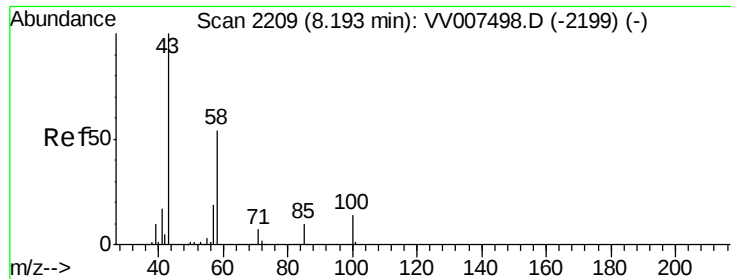
77 55.4 23.0 42.8#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

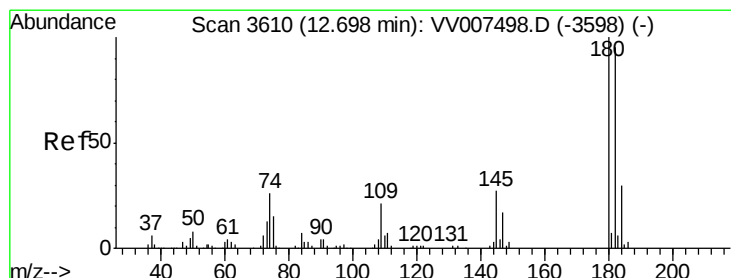
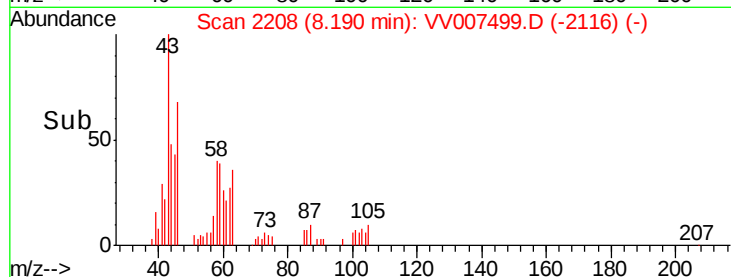
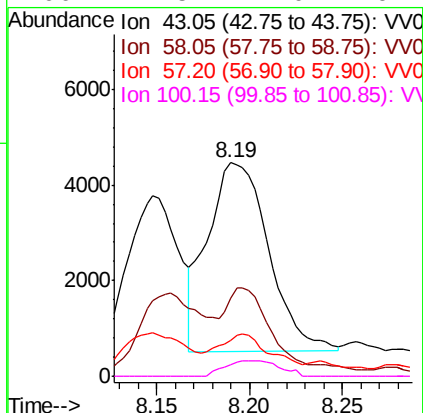
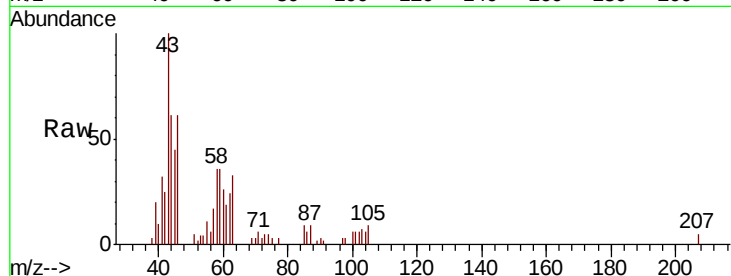




#48
2-Hexanone
Concen: 3.573 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VV007499.D
Acq: 13 Sep 2018 02:19

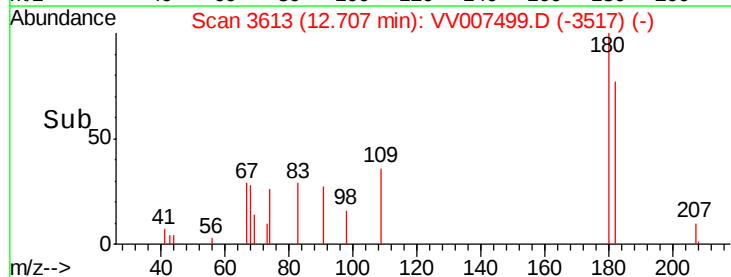
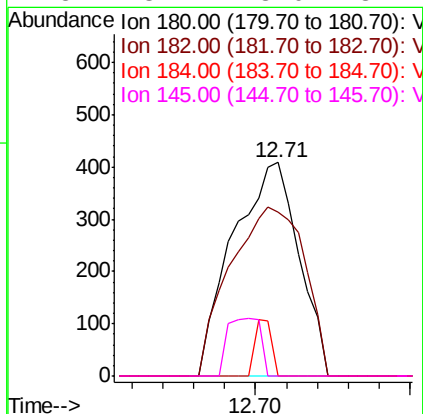
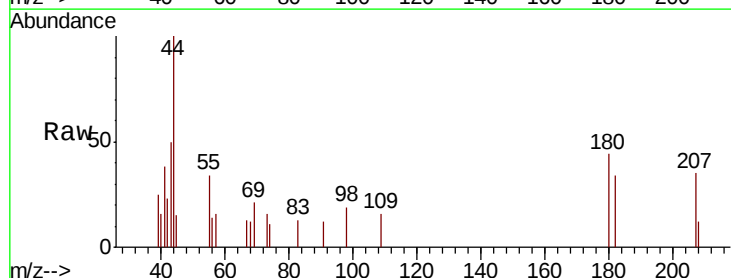
Instrument :
MSVOA_V
ClientSampleId :
VBLK80

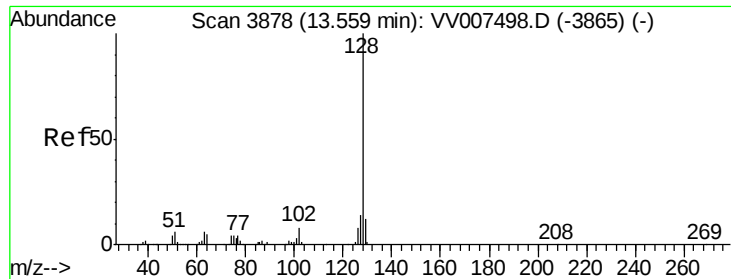
Tgt Ion: 43 Resp: 9051
Ion Ratio Lower Upper
43 100
58 38.0 47.9 71.9#
57 16.0 16.2 24.2#
100 7.5 11.0 16.4#



#67
1,3,5-Trichlorobenzene
Concen: 0.052 ug/L
RT: 12.71 min Scan# 3613
Delta R.T. 0.01 min
Lab File: VV007499.D
Acq: 13 Sep 2018 02:19

Tgt Ion: 180 Resp: 604
Ion Ratio Lower Upper
180 100
182 89.7 75.4 113.2
184 6.8 23.8 35.8#
145 13.7 23.0 34.4#





#69

Naphthalene

Concen: 0.167 ug/L

RT: 13.56 min Scan# 3878

Delta R.T. 0.00 min

Lab File: VV007499.D

Acq: 13 Sep 2018 02:19

Instrument :

MSVOA_V

ClientSampleId :

VBLK80

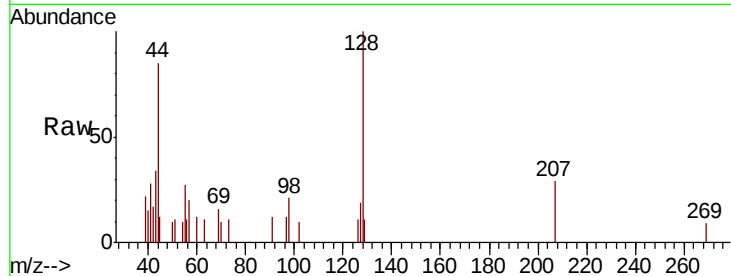
Tgt Ion:128 Resp: 2290

Ion Ratio Lower Upper

128 100

129 9.8 8.7 13.1

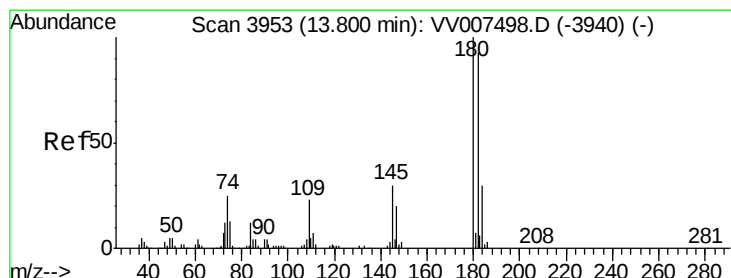
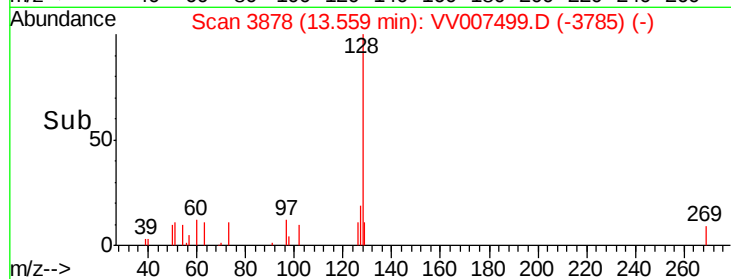
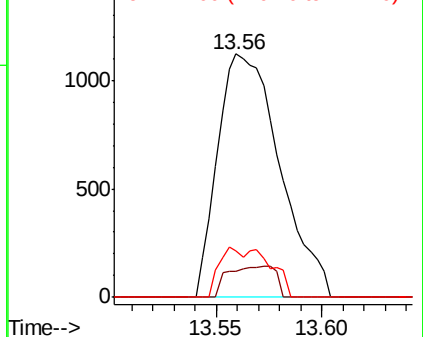
127 7.9 10.8 16.2#



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: 0.080 ug/L

RT: 13.81 min Scan# 3955

Delta R.T. 0.01 min

Lab File: VV007499.D

Acq: 13 Sep 2018 02:19

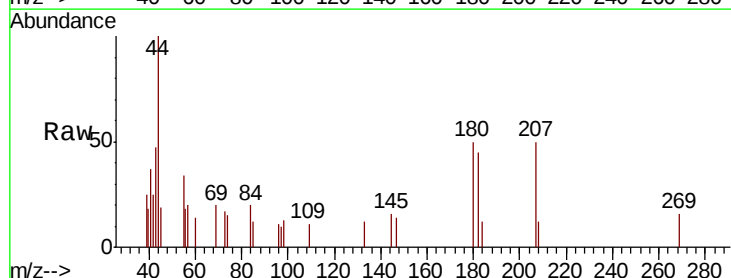
Tgt Ion:180 Resp: 661

Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 23.3 25.1 37.7#



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

