

Data File : VV012508.D
Acq On : 01 Sep 2019 14:36
Operator : SY/MD
Sample : VV0901WBL01
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK69

Quant Time: Sep 02 04:22:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 02 04:16:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	323037	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	311406	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	122158	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104095	48.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.44%
7) Chloroethane-d5	1.58	69	115067	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.04%
11) 1,1-Dichloroethene-d2	2.13	63	200627	34.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.00%
21) 2-Butanone-d5	3.94	46	181826	101.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.13%
24) Chloroform-d	4.40	84	213479	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
26) 1,2-Dichloroethane-d4	5.08	65	145181	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.76%
32) Benzene-d6	5.10	84	380001	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.08%
36) 1,2-Dichloropropane-d6	6.12	67	138008	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.40%
41) Toluene-d8	7.36	98	332126	48.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.32%
43) trans-1,3-Dichloropropene-	7.66	79	57444	48.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.10%
47) 2-Hexanone-d5	8.14	63	99131	94.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	179263	47.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.34%
64) 1,2-Dichlorobenzene-d4	11.67	152	129551	54.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.44%

Target Compounds

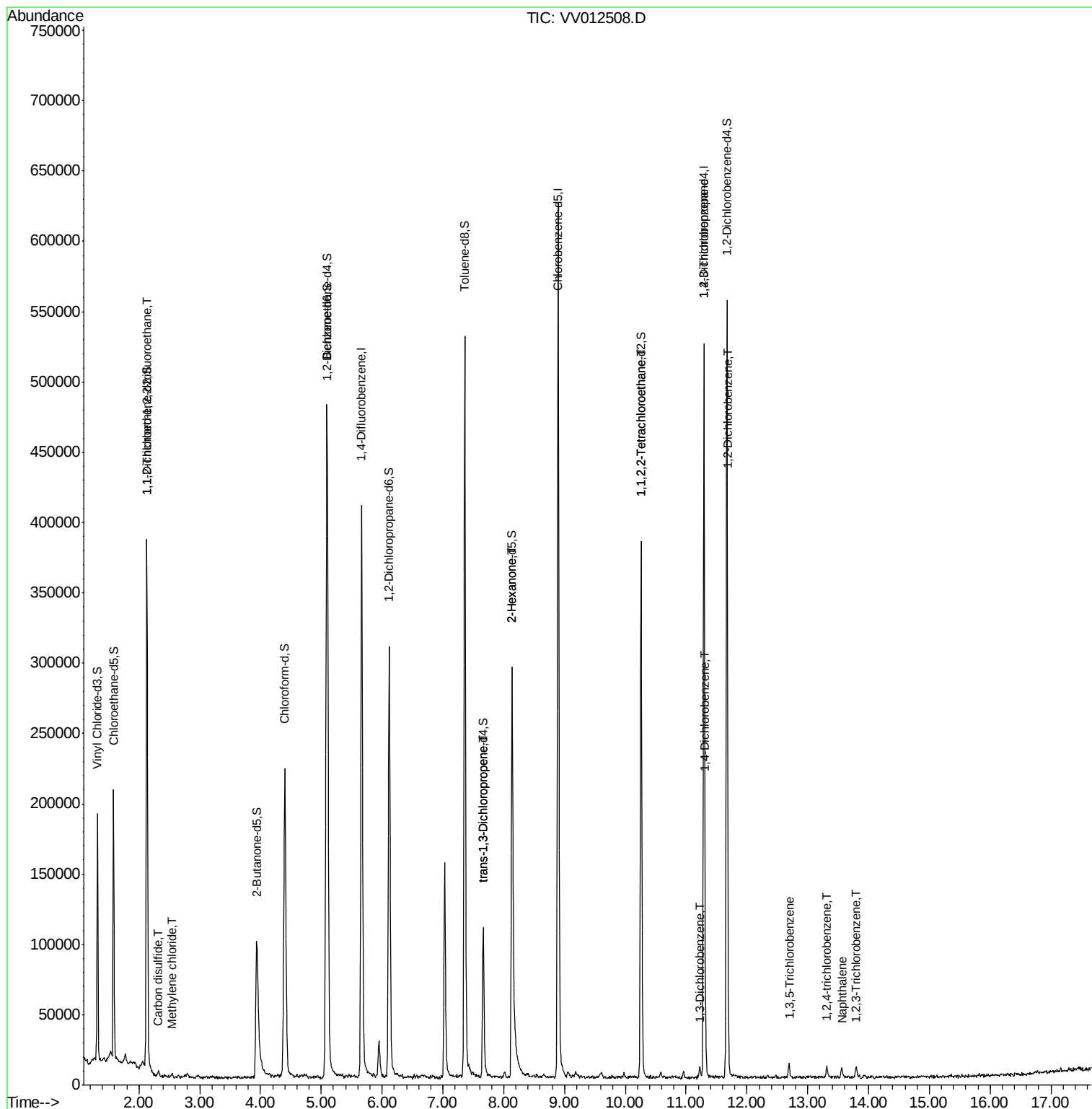
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2550	0.819	ug/L #	50
14) Carbon disulfide	2.32	76	4666	0.727	ug/L #	94
16) Methylene chloride	2.54	84	846	0.326	ug/L	77
44) trans-1,3-Dichloropropene	7.66	75	2832	0.845	ug/L	97
48) 2-Hexanone	8.14	43	13923	4.881	ug/L #	82
58) 1,1,2,2-Tetrachloroethane	10.26	83	1536	0.419	ug/L #	1
59) 1,2,3-Trichloropropane	11.29	75	19065	5.991	ug/L	94
62) 1,3-Dichlorobenzene	11.23	146	2217	0.577	ug/L #	81
63) 1,4-Dichlorobenzene	11.32	146	2114	0.528	ug/L	84
65) 1,2-Dichlorobenzene	11.69	146	1701	0.431	ug/L #	72
67) 1,3,5-Trichlorobenzene	12.69	180	2171	0.838	ug/L	91
68) 1,2,4-trichlorobenzene	13.31	180	2125	1.046	ug/L #	88
69) Naphthalene	13.55	128	2829	0.479	ug/L #	60
70) 1,2,3-Trichlorobenzene	13.79	180	1936	0.915	ug/L	95

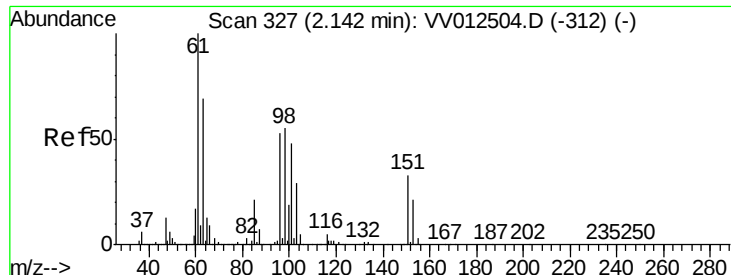
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012508.D
Acq On : 01 Sep 2019 14:36
Operator : SY/MD
Sample : VV0901WBL01
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK69

Quant Time: Sep 02 04:22:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 02 04:16:56 2019
Response via : Initial Calibration





#10

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

Concen: 0.819 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012508.D

Acq: 01 Sep 2019 14:36

Instrument :

MSVOA_V

ClientSampleId :

VBLK69

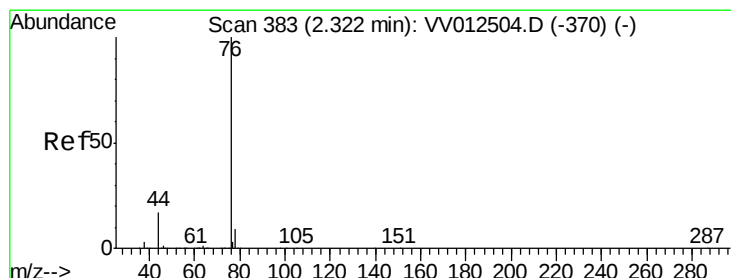
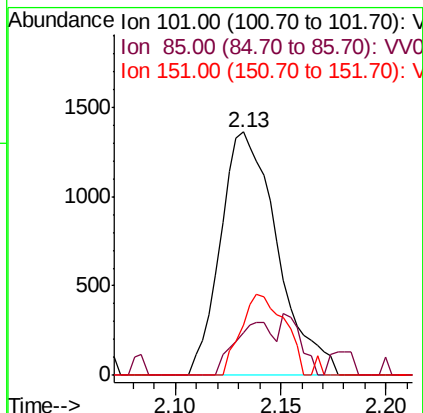
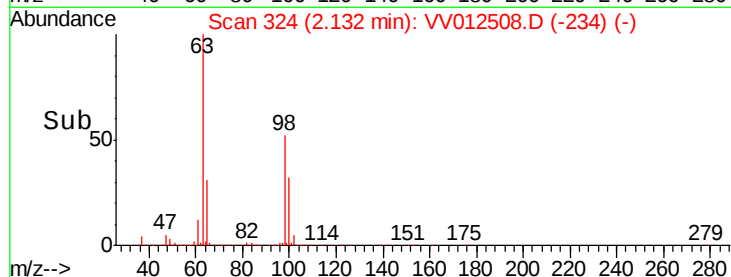
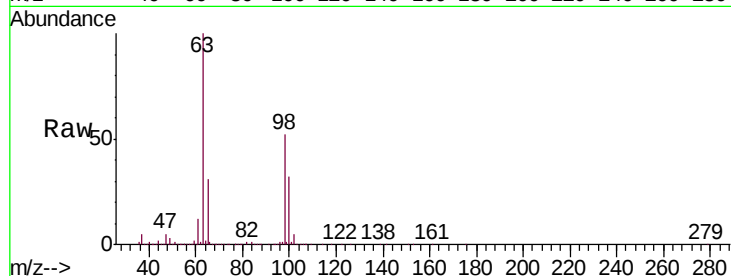
Tgt Ion:101 Resp: 2550

Ion Ratio Lower Upper

101 100

85 15.0 36.2 54.2#

151 25.5 54.8 82.2#



#14

Carbon disulfide

Concen: 0.727 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV012508.D

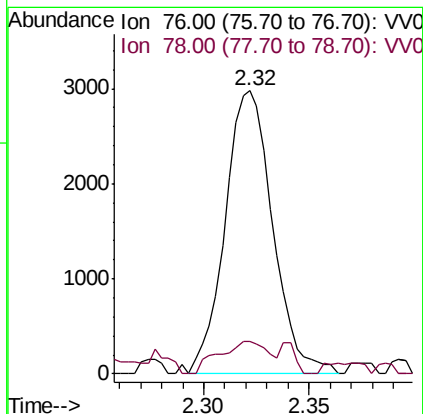
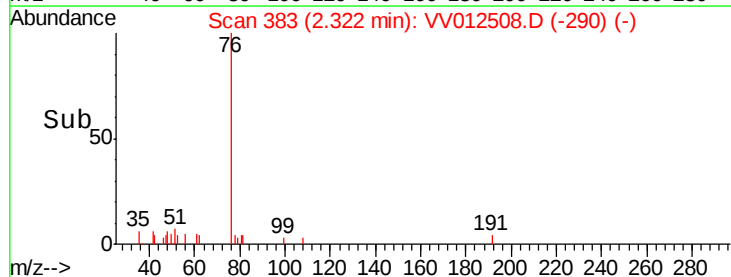
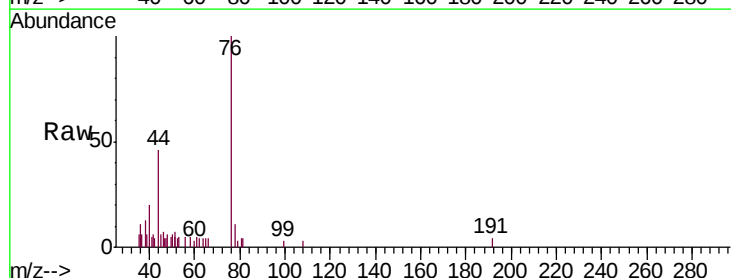
Acq: 01 Sep 2019 14:36

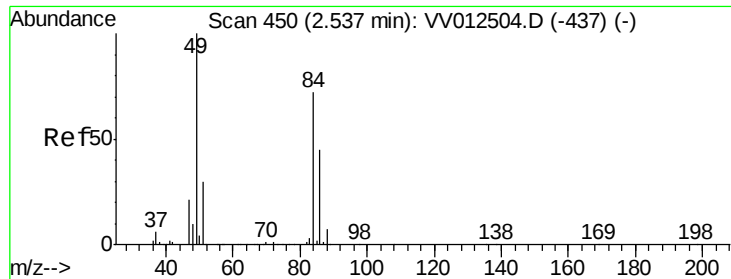
Tgt Ion: 76 Resp: 4666

Ion Ratio Lower Upper

76 100

78 11.5 7.4 11.2#

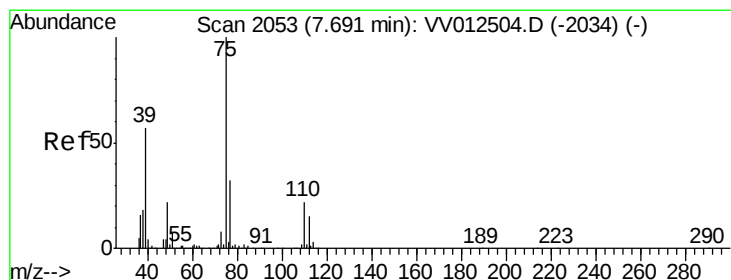
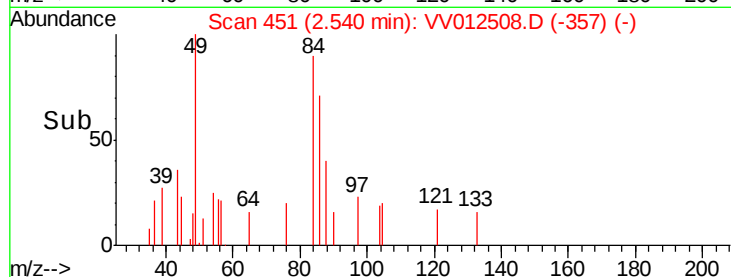
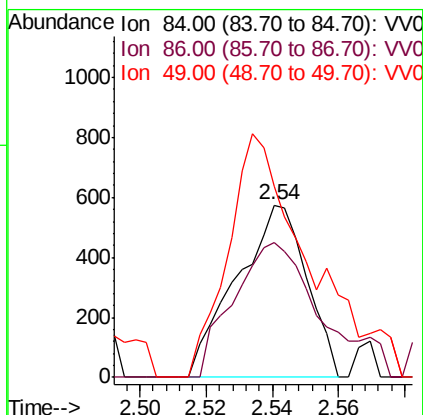
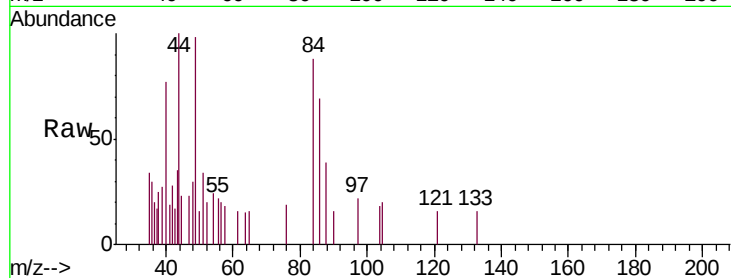




#16
Methylene chloride
Concen: 0.326 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV012508.D
Acq: 01 Sep 2019 14:36

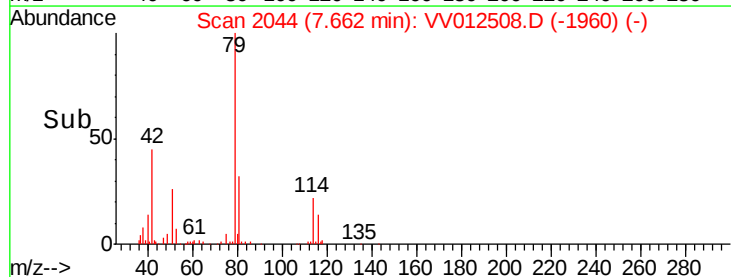
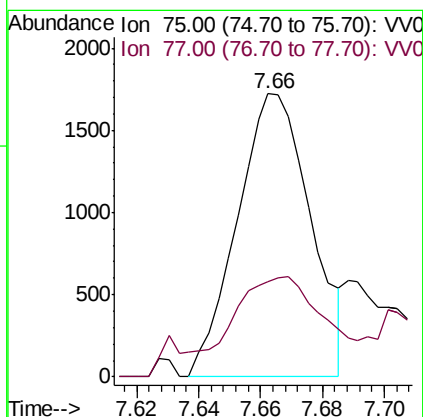
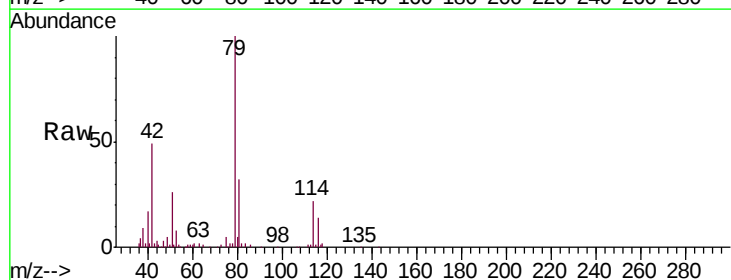
Instrument :
MSVOA_V
ClientSampled :
VBLK69

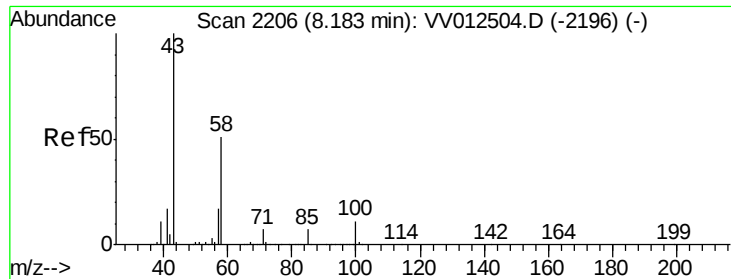
Tgt Ion: 84 Resp: 846
Ion Ratio Lower Upper
84 100
86 78.6 43.5 80.7
49 111.1 97.3 180.7



#44
trans-1,3-Dichloropropene
Concen: 0.845 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012508.D
Acq: 01 Sep 2019 14:36

Tgt Ion: 75 Resp: 2832
Ion Ratio Lower Upper
75 100
77 33.4 22.3 41.3

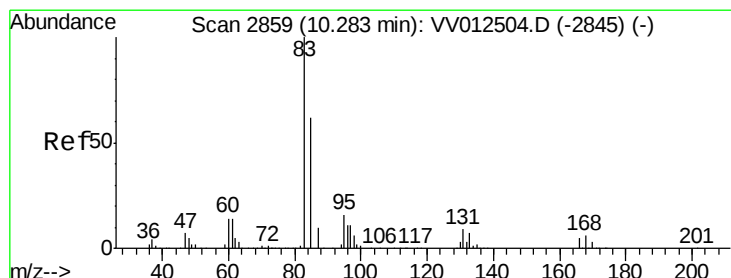
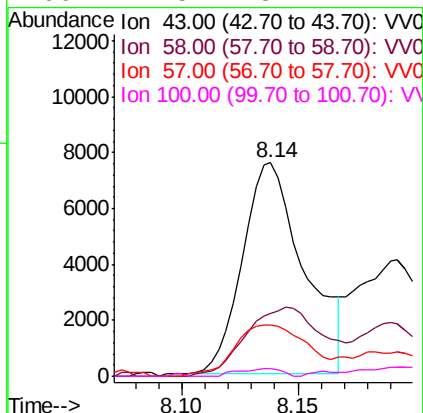
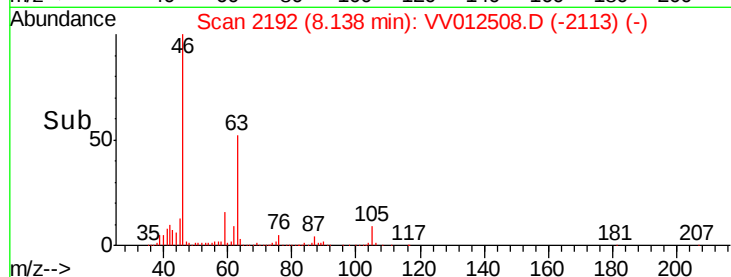
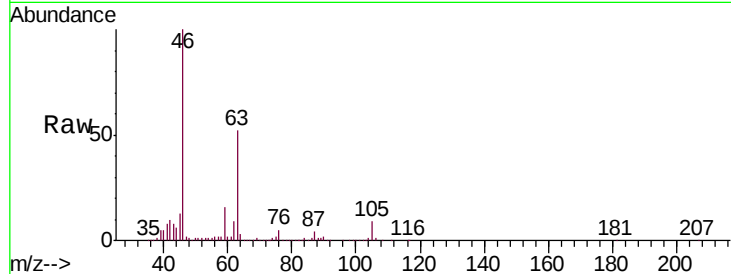




#48
 2-Hexanone
 Concen: 4.881 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.04 min
 Lab File: VV012508.D
 Acq: 01 Sep 2019 14:36

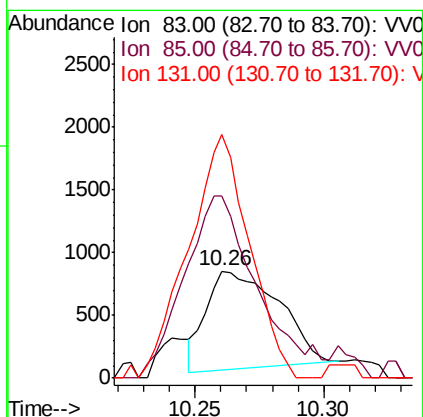
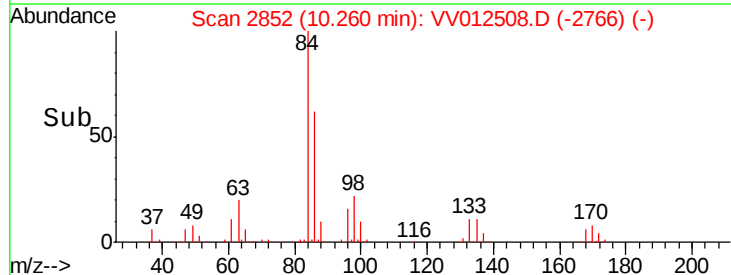
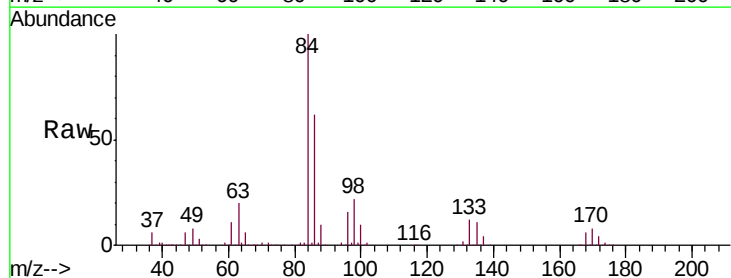
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK69

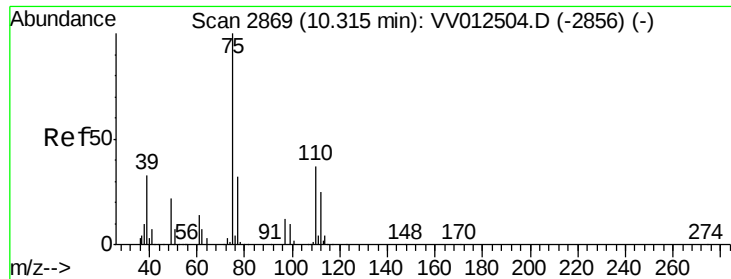
Tgt Ion:	43	Resp:	13923
Ion	Ratio	Lower	Upper
43	100		
58	41.0	40.6	61.0
57	28.6	13.3	19.9#
100	2.5	8.1	12.1#



#58
 1,1,2,2-Tetrachloroethane
 Concen: 0.419 ug/L
 RT: 10.26 min Scan# 2852
 Delta R.T. -0.02 min
 Lab File: VV012508.D
 Acq: 01 Sep 2019 14:36

Tgt Ion:	83	Resp:	1536
Ion	Ratio	Lower	Upper
83	100		
85	170.8	43.4	80.6#
131	227.9	7.1	10.7#

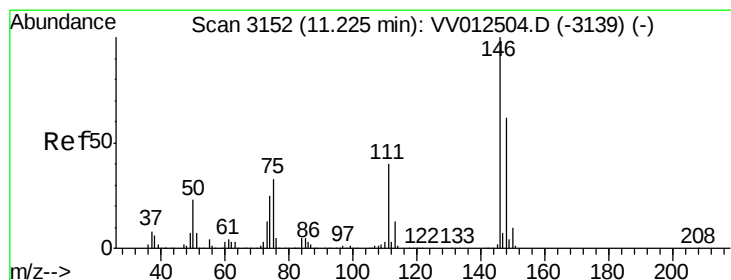
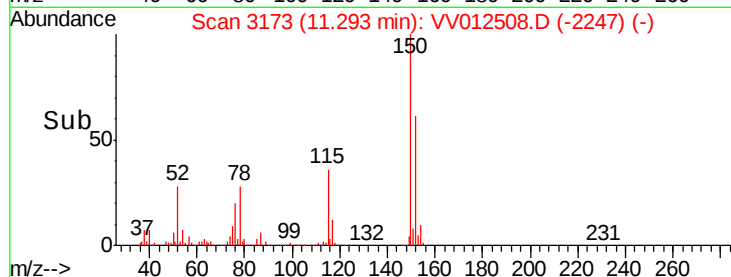
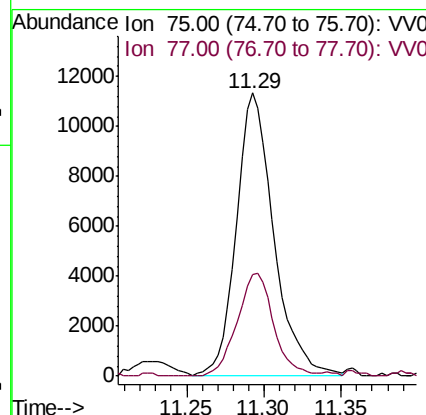
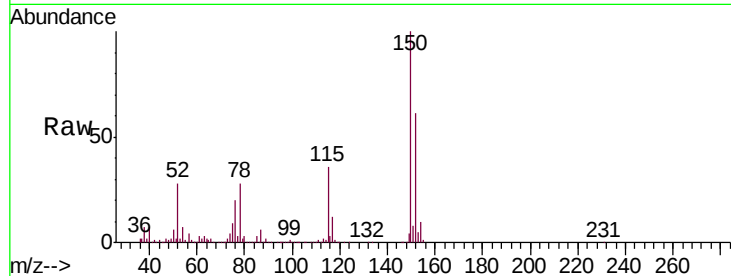




#59
 1,2,3-Trichloropropane
 Concen: 5.991 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.98 min
 Lab File: VV012508.D
 Acq: 01 Sep 2019 14:36

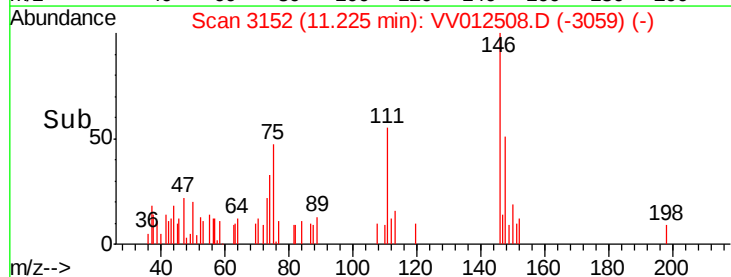
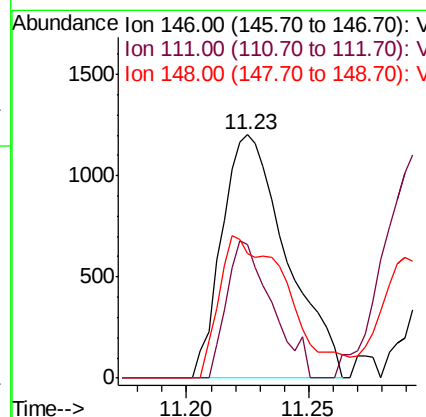
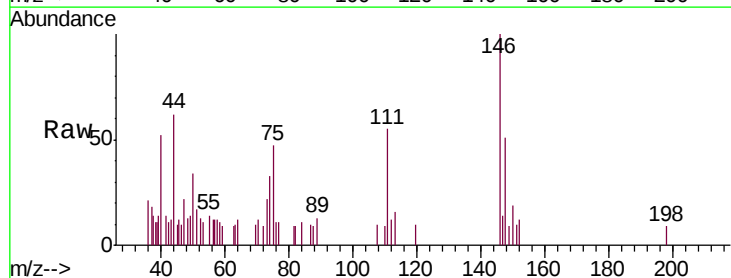
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK69

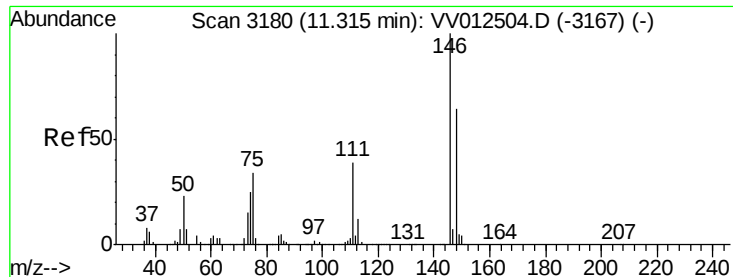
Tgt Ion: 75 Resp: 19065
 Ion Ratio Lower Upper
 75 100
 77 35.4 25.5 38.3



#62
 1,3-Dichlorobenzene
 Concen: 0.577 ug/L
 RT: 11.23 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: VV012508.D
 Acq: 01 Sep 2019 14:36

Tgt Ion: 146 Resp: 2217
 Ion Ratio Lower Upper
 146 100
 111 55.0 27.7 51.5#
 148 51.0 43.4 80.6

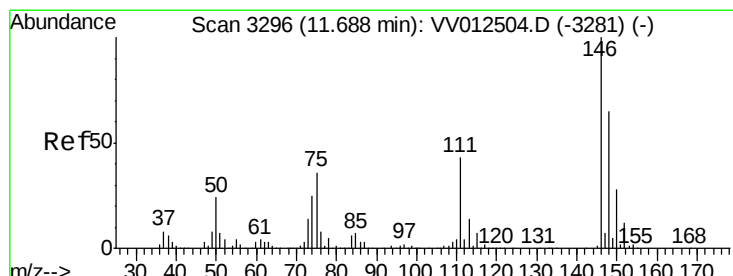
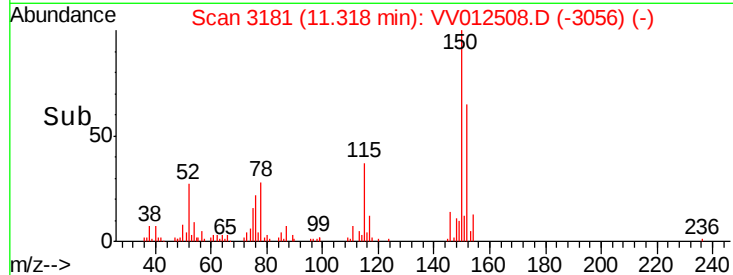
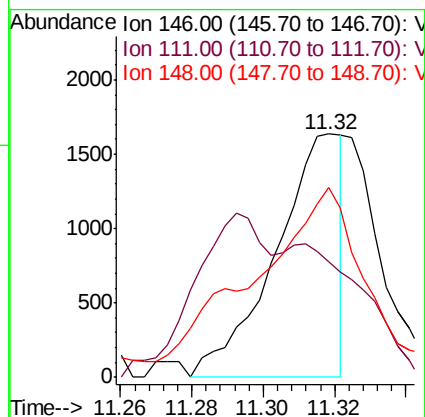
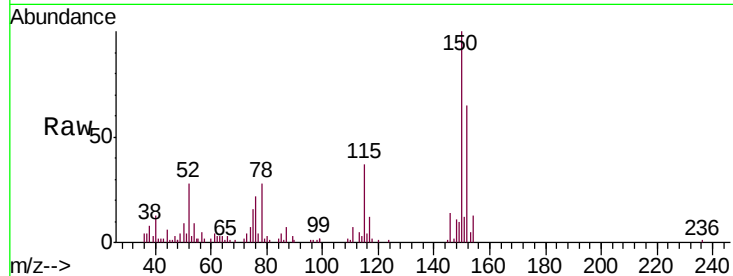




#63
 1,4-Dichlorobenzene
 Concen: 0.528 ug/L
 RT: 11.32 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: VV012508.D
 Acq: 01 Sep 2019 14:36

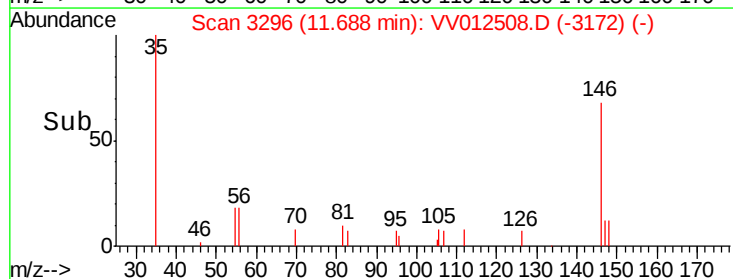
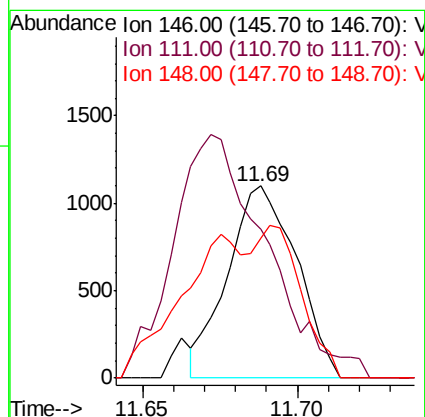
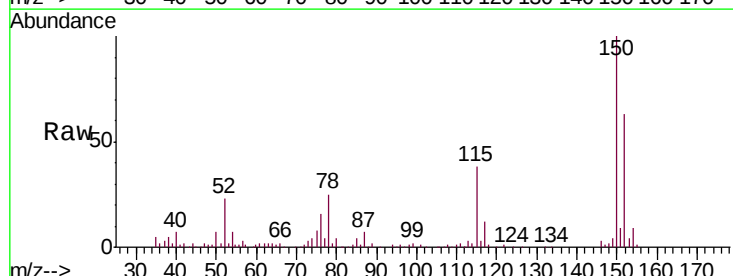
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK69

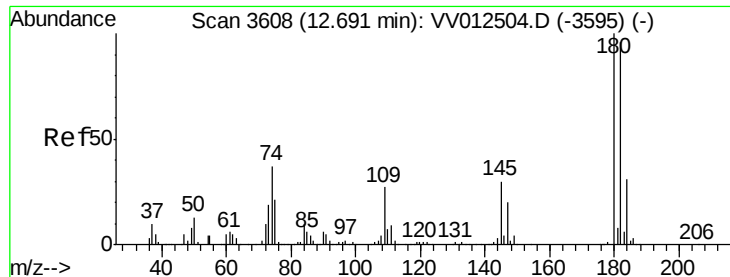
Tgt Ion:146 Resp: 2114
 Ion Ratio Lower Upper
 146 100
 111 47.5 27.6 51.4
 148 78.0 44.6 82.8



#65
 1,2-Dichlorobenzene
 Concen: 0.431 ug/L
 RT: 11.69 min Scan# 3296
 Delta R.T. 0.00 min
 Lab File: VV012508.D
 Acq: 01 Sep 2019 14:36

Tgt Ion:146 Resp: 1701
 Ion Ratio Lower Upper
 146 100
 111 77.7 34.4 51.6#
 148 72.5 51.6 77.4





#67

1,3,5-Trichlorobenzene

Concen: 0.838 ug/L

RT: 12.69 min Scan# 3608

Delta R.T. 0.00 min

Lab File: VV012508.D

Acq: 01 Sep 2019 14:36

Instrument :

MSVOA_V

ClientSampleId :

VBLK69

Tgt Ion:180 Resp: 2171

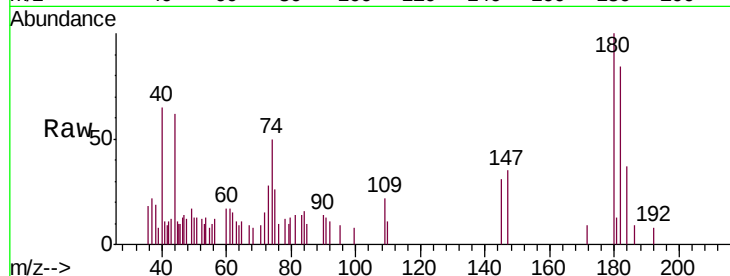
Ion Ratio Lower Upper

180 100

182 86.1 76.7 115.1

184 33.4 24.2 36.4

145 34.4 24.6 37.0

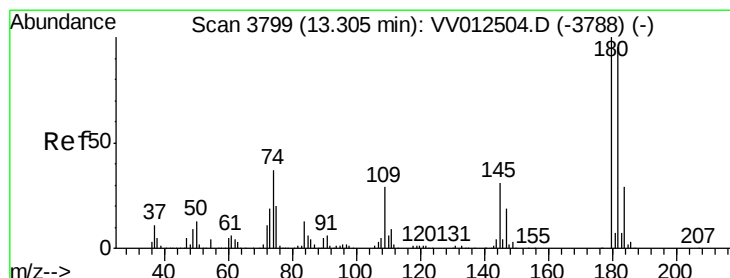
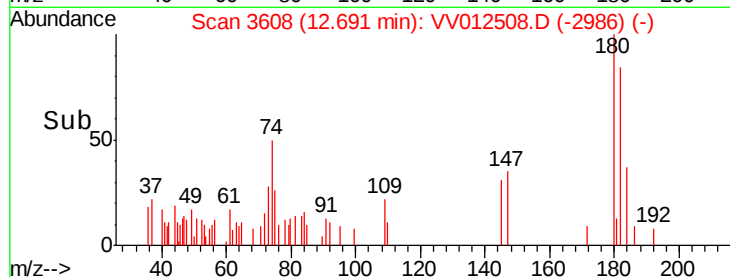
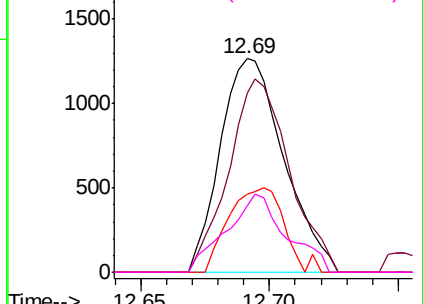


Abundance Ion 180.00 (179.70 to 180.70): V

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: 1.046 ug/L

RT: 13.31 min Scan# 3801

Delta R.T. 0.01 min

Lab File: VV012508.D

Acq: 01 Sep 2019 14:36

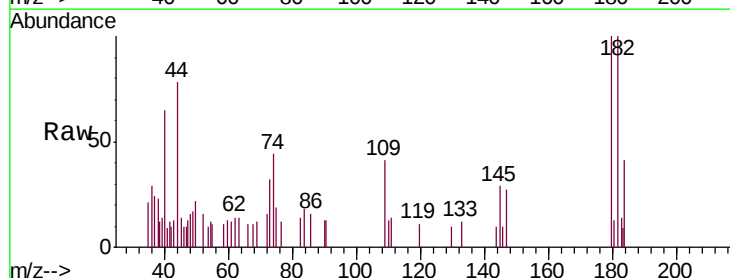
Tgt Ion:180 Resp: 2125

Ion Ratio Lower Upper

180 100

182 87.2 77.9 116.9

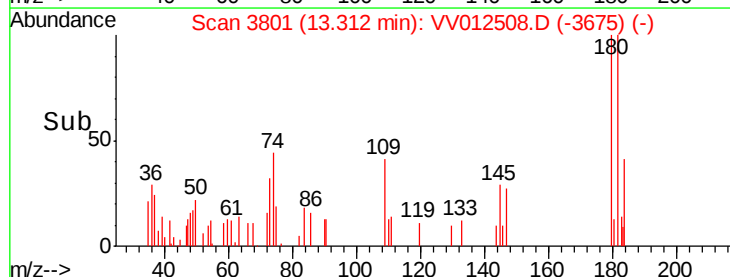
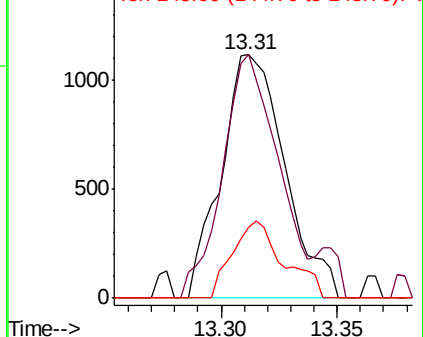
145 21.0 25.0 37.4#

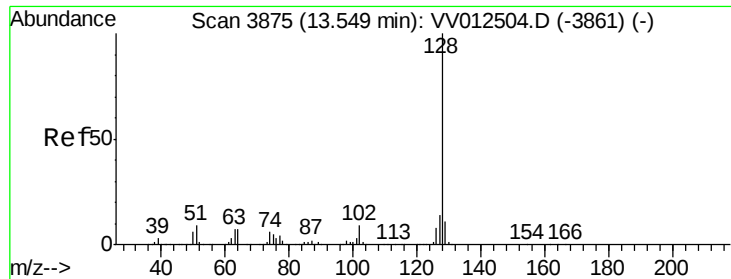


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 0.479 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV012508.D

Acq: 01 Sep 2019 14:36

Instrument :

MSVOA_V

ClientSampleId :

VBLK69

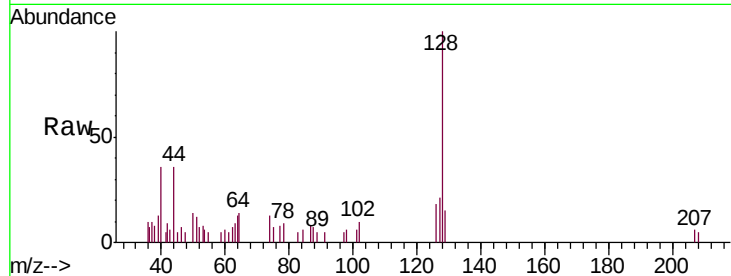
Tgt Ion:128 Resp: 2829

Ion Ratio Lower Upper

128 100

127 30.8 10.9 16.3#

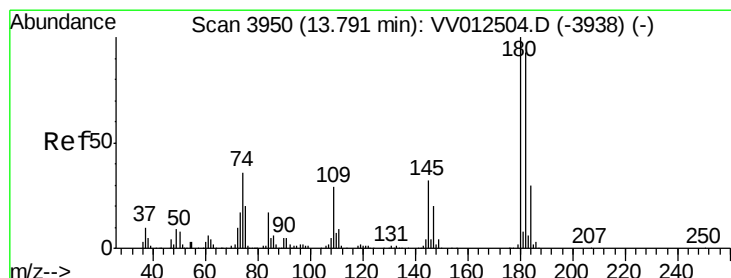
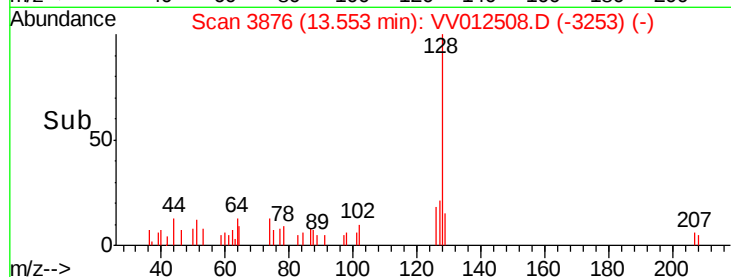
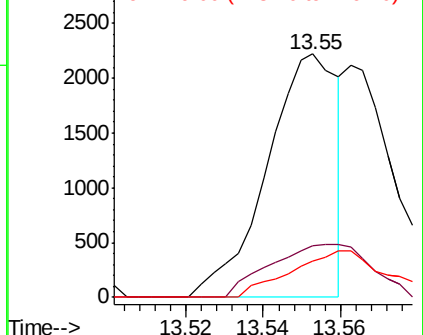
129 24.5 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.915 ug/L

RT: 13.79 min Scan# 3951

Delta R.T. 0.00 min

Lab File: VV012508.D

Acq: 01 Sep 2019 14:36

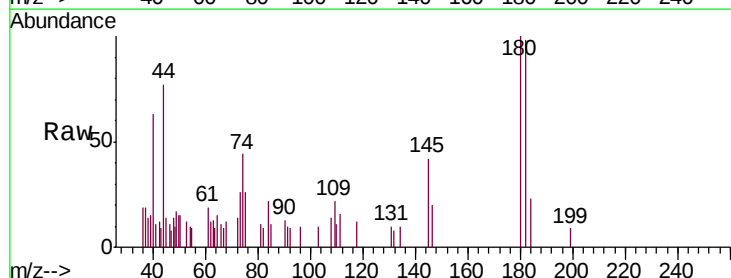
Tgt Ion:180 Resp: 1936

Ion Ratio Lower Upper

180 100

182 97.7 74.2 111.2

145 34.6 25.9 38.9



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

