

Data File : VV007589.D
Acq On : 17 Sep 2018 15:48
Operator : SY/MD
Sample : J4918-15RE
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0KY5RE

Quant Time: Sep 18 03:41:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 18 03:38:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	122655	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110044	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59182	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22128	3.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	1.59	69	22044	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.14	63	53295	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	3.98	46	35583	39.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.64%
24) Chloroform-d	4.41	84	55803	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.09	65	28915	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.10	84	109634	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.13	67	32466	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.36	98	111098	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.67	79	13141	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.15	63	20220	36.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21246	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	48732	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

						Qvalue
12) 1,1-Dichloroethene	2.14	96	23308	3.744	ug/L	86
13) Acetone	2.22	43	858	1.470	ug/L	94
19) 1,1-Dichloroethane	3.23	63	1240	0.126	ug/L #	89
22) cis-1,2-Dichloroethene	3.96	96	8086	1.211	ug/L	91
25) Chloroform	4.43	83	3280	0.291	ug/L	95
29) 1,1,1-Trichloroethane	4.67	97	3853	0.360	ug/L	98
34) Trichloroethene	5.96	95	10762	1.544	ug/L	96
37) 1,2-Dichloropropane	6.12	63	4019	0.718	ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	1161	0.130	ug/L #	69
48) 2-Hexanone	8.19	43	13656	5.818	ug/L #	35
65) 1,2-Dichlorobenzene	11.69	146	1455	0.105	ug/L #	90
67) 1,3,5-Trichlorobenzene	12.70	180	810	0.069	ug/L #	94
69) Naphthalene	13.57	128	3137	0.308	ug/L	96
70) 1,2,3-Trichlorobenzene	13.80	180	1485	0.194	ug/L	93

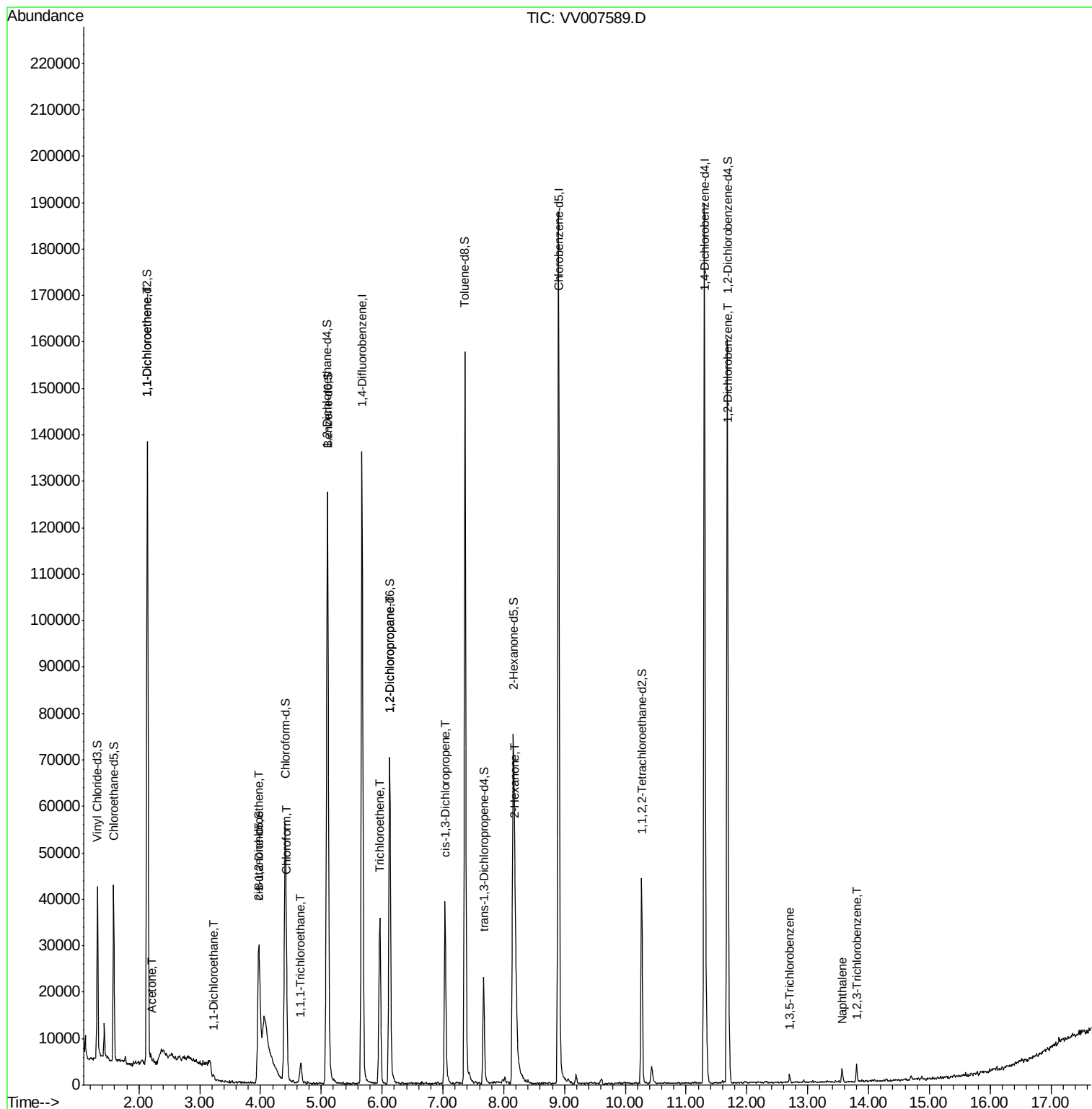
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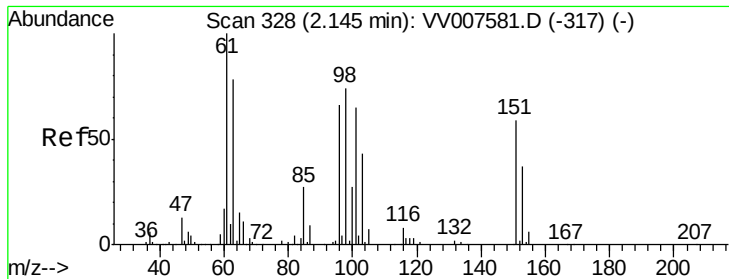
Data File : VV007589.D

```
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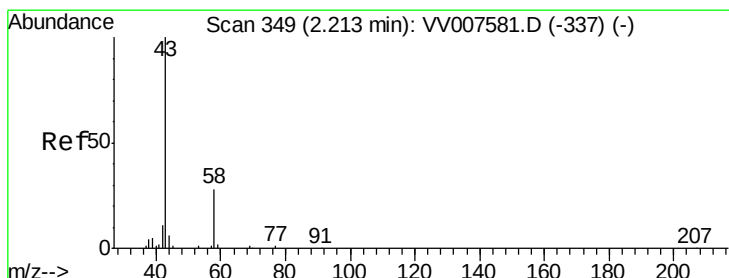
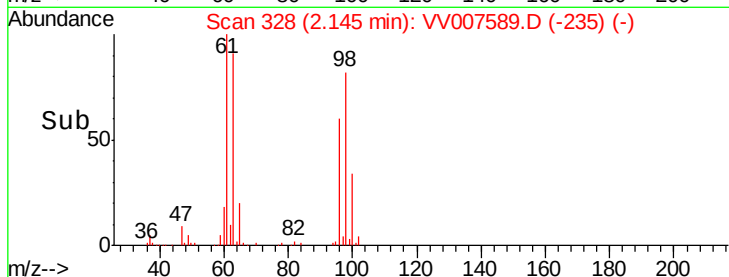
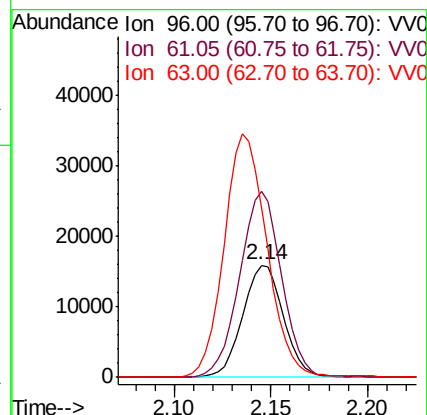
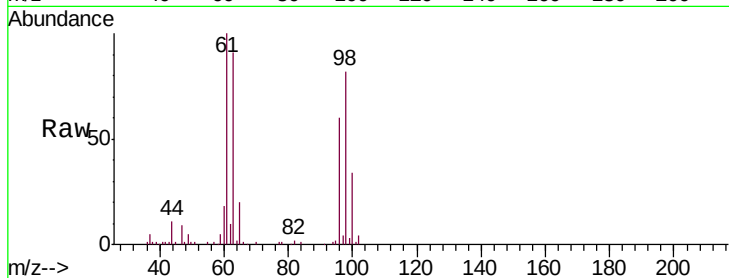




#12
 1,1-Dichloroethene
 Concen: 3.744 ug/L
 RT: 2.14 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VV007589.D
 Acq: 17 Sep 2018 15:48

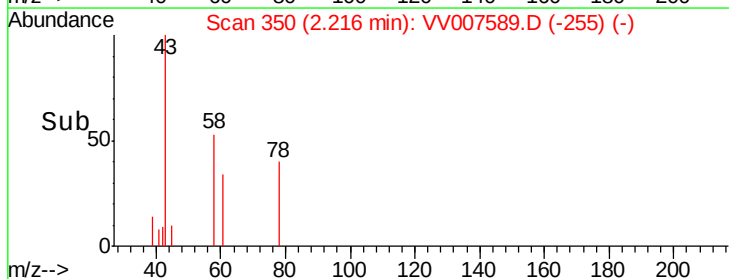
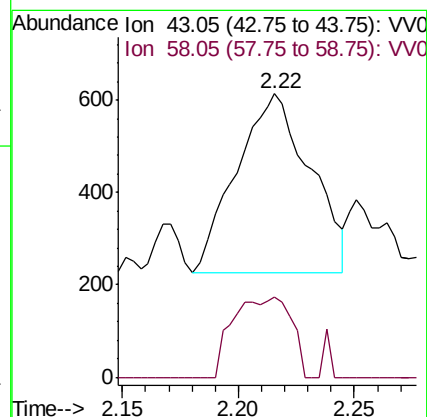
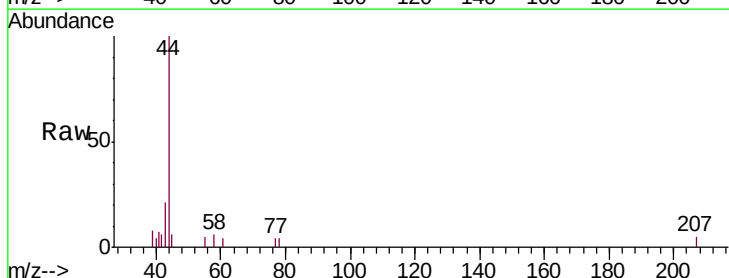
Instrument :
 MSVOA_V
 ClientSampleId :
 C0KY5RE

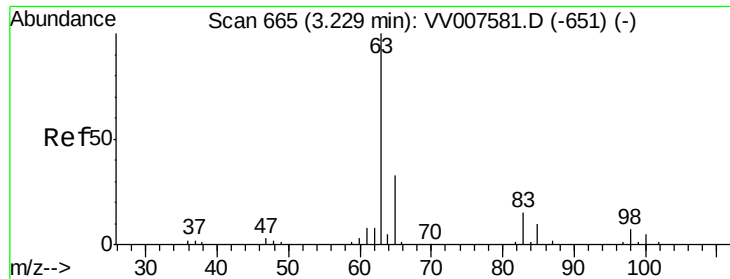
Tgt Ion: 96 Resp: 23308
 Ion Ratio Lower Upper
 96 100
 61 165.6 114.8 213.2
 63 151.1 81.8 151.8



#13
 Acetone
 Concen: 1.470 ug/L
 RT: 2.22 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VV007589.D
 Acq: 17 Sep 2018 15:48

Tgt Ion: 43 Resp: 858
 Ion Ratio Lower Upper
 43 100
 58 35.2 0.0 63.4

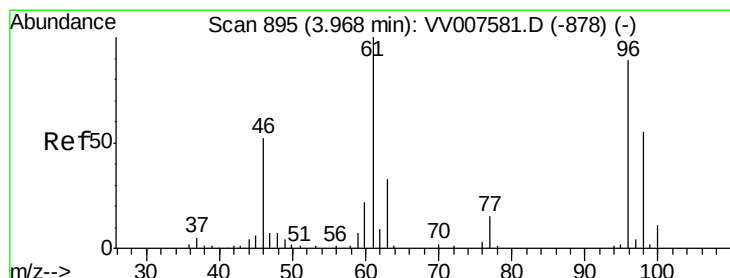
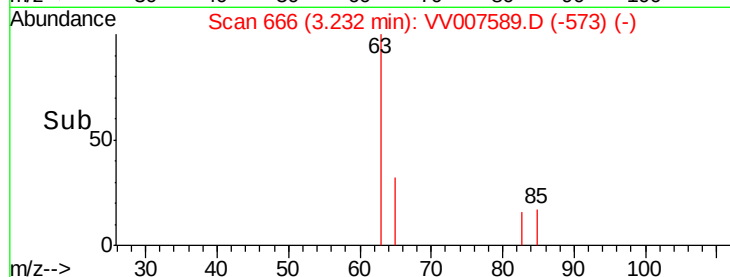
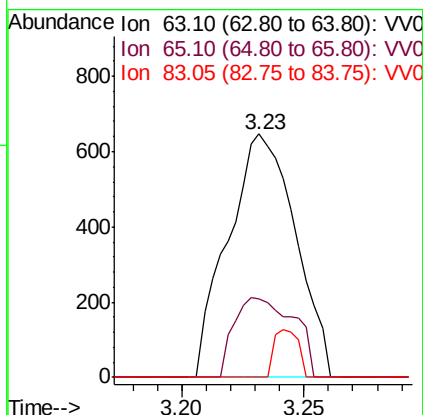
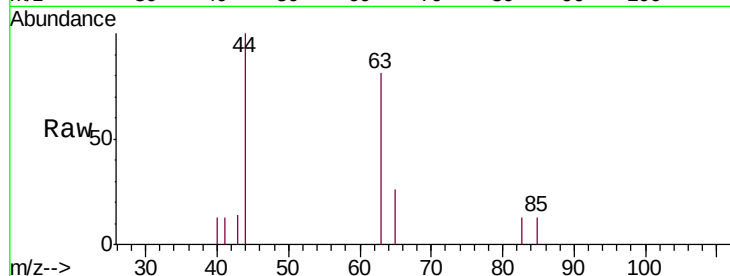




#19
 1,1-Dichloroethane
 Concen: 0.126 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VV007589.D
 Acq: 17 Sep 2018 15:48

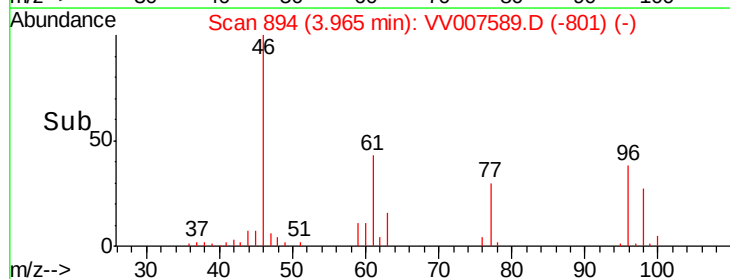
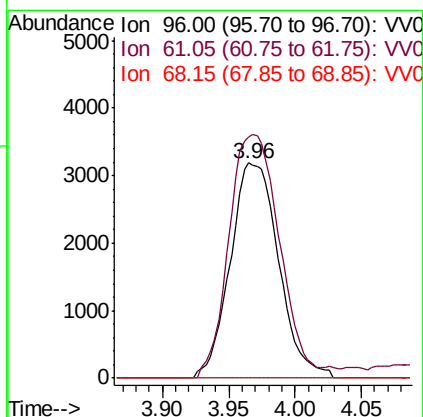
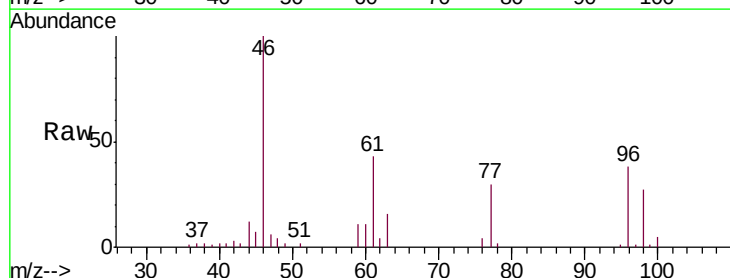
Instrument :
 MSVOA_V
 ClientSampleId :
 C0KY5RE

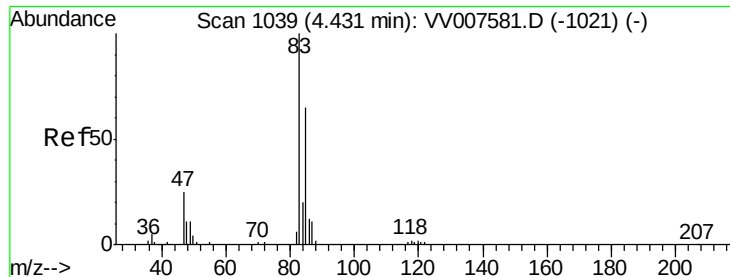
Tgt Ion: 63 Resp: 1240
 Ion Ratio Lower Upper
 63 100
 65 32.1 22.5 41.9
 83 0.0 10.4 19.2#



#22
 cis-1,2-Dichloroethene
 Concen: 1.211 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV007589.D
 Acq: 17 Sep 2018 15:48

Tgt Ion: 96 Resp: 8086
 Ion Ratio Lower Upper
 96 100
 61 112.1 85.3 158.5
 68 0.0 0.0 0.0

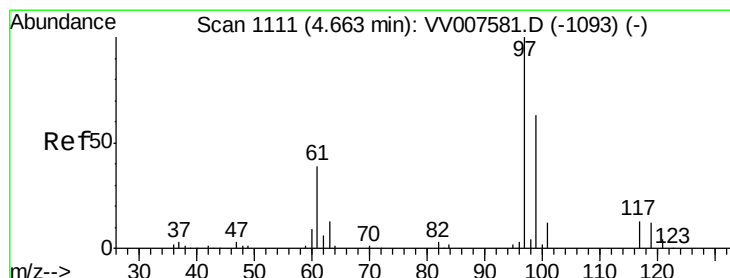
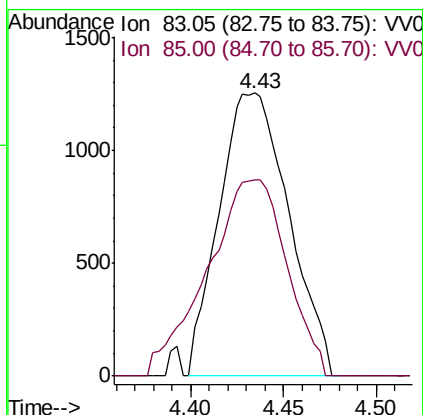
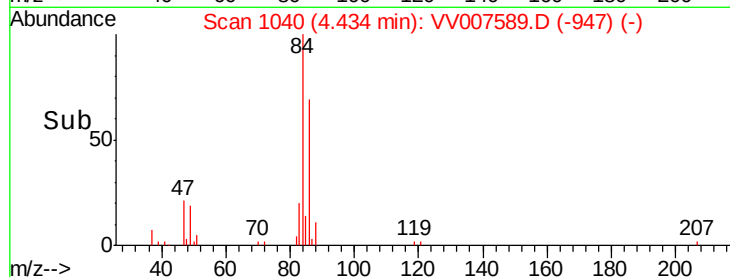
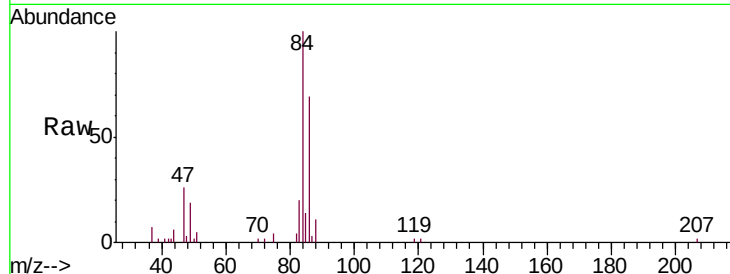




#25
Chloroform
Concen: 0.291 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV007589.D
Acq: 17 Sep 2018 15:48

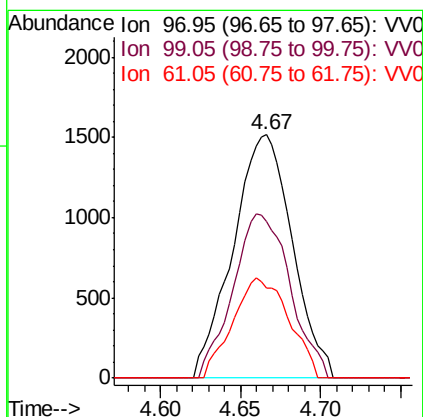
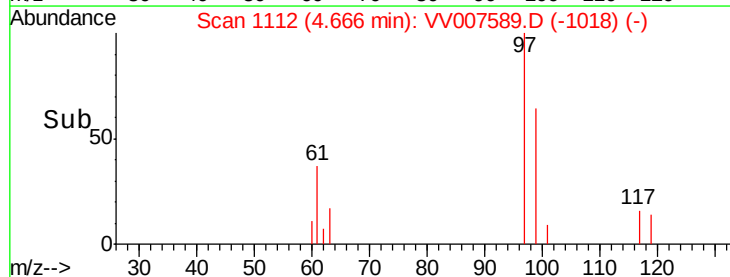
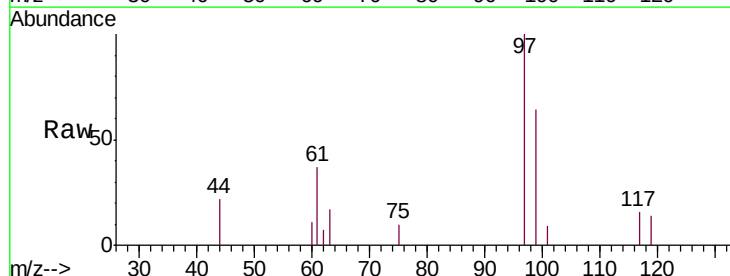
Instrument :
MSVOA_V
ClientSampleId :
C0KY5RE

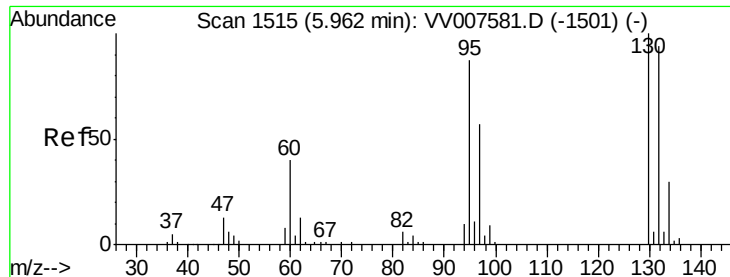
Tgt Ion: 83 Resp: 3280
Ion Ratio Lower Upper
83 100
85 69.1 45.5 84.5



#29
1,1,1-Trichloroethane
Concen: 0.360 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VV007589.D
Acq: 17 Sep 2018 15:48

Tgt Ion: 97 Resp: 3853
Ion Ratio Lower Upper
97 100
99 64.9 50.7 76.1
61 38.9 32.5 48.7





#34

Trichloroethene

Concen: 1.544 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007589.D

Acq: 17 Sep 2018 15:48

Instrument :

MSVOA_V

ClientSampleId :

C0KY5RE

Tgt Ion: 95 Resp: 10762

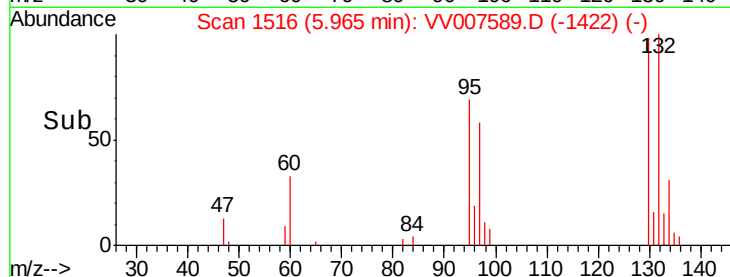
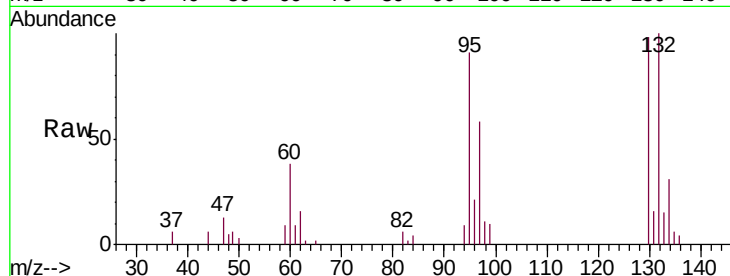
Ion Ratio Lower Upper

95 100

97 63.6 45.5 84.5

132 109.3 74.9 139.1

130 107.4 80.0 148.6

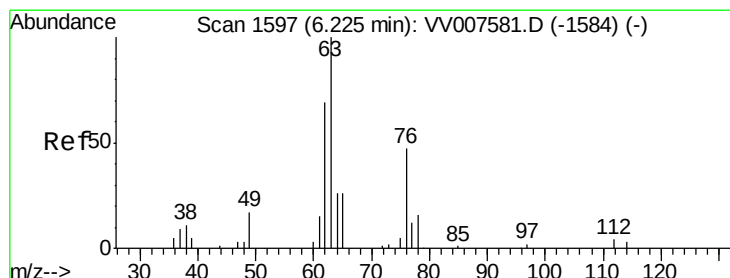
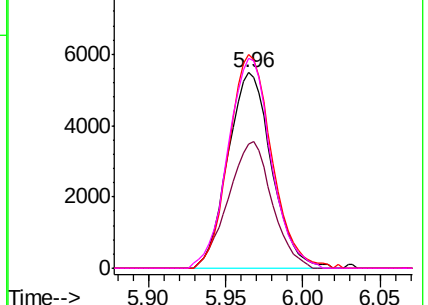


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#37

1,2-Dichloropropane

Concen: 0.718 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.11 min

Lab File: VV007589.D

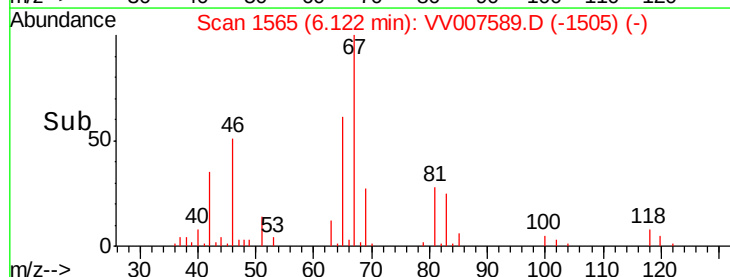
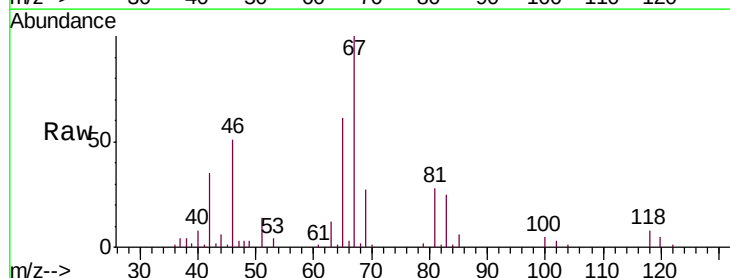
Acq: 17 Sep 2018 15:48

Tgt Ion: 63 Resp: 4019

Ion Ratio Lower Upper

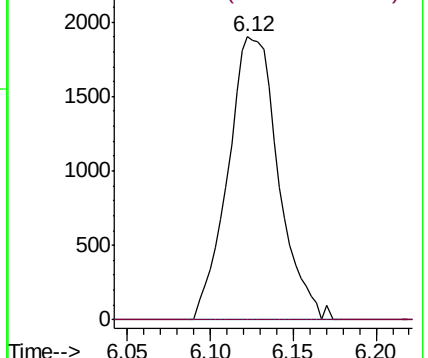
63 100

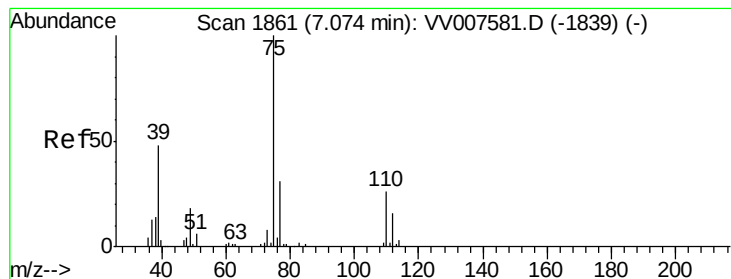
112 0.0 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.130 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007589.D

Acq: 17 Sep 2018 15:48

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ClientSampleId :

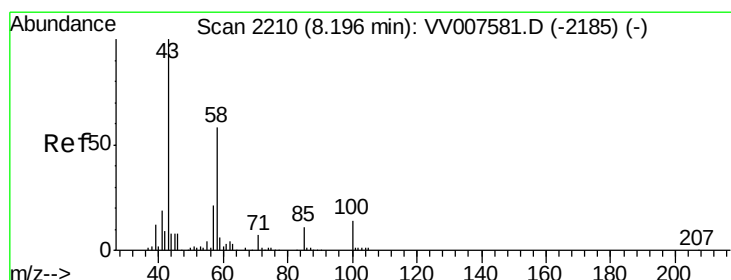
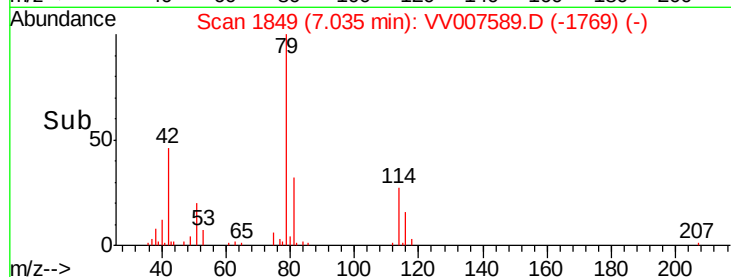
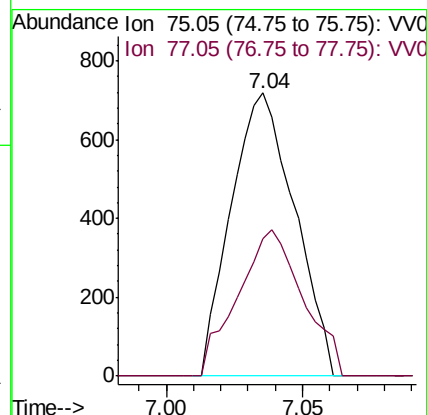
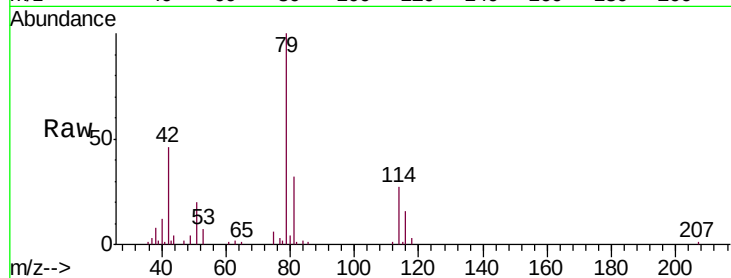
C0KY5RE

Tgt Ion: 75 Resp: 1161

Ion Ratio Lower Upper

75 100

77 48.5 22.0 41.0#



#48

2-Hexanone

Concen: 5.818 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VV007589.D

Acq: 17 Sep 2018 15:48

Tgt Ion: 43 Resp: 13656

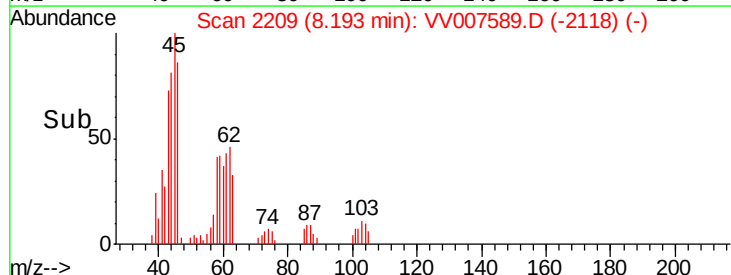
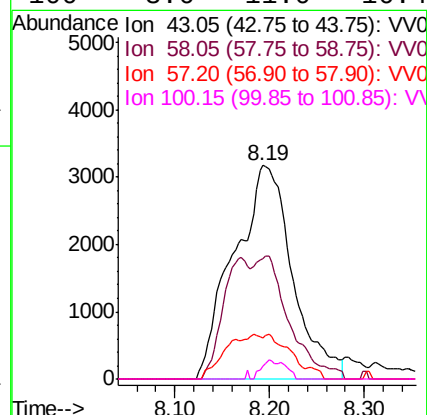
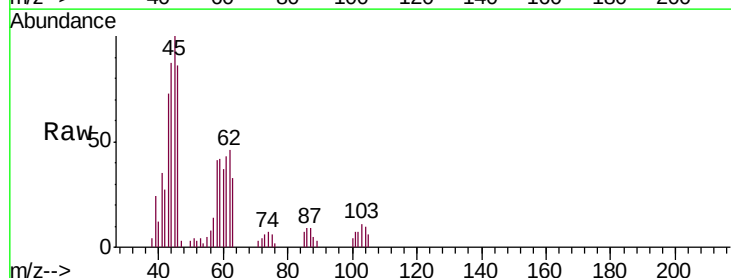
Ion Ratio Lower Upper

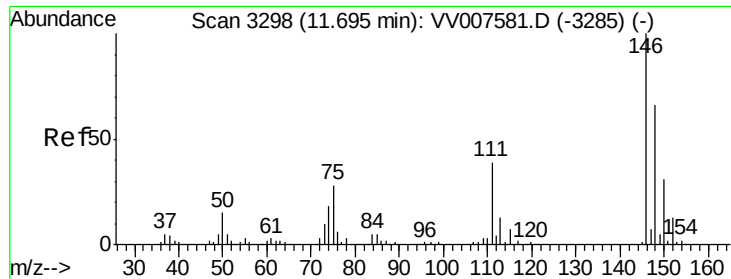
43 100

58 0.0 49.8 74.6#

57 0.3 18.2 27.4#

100 3.6 11.0 16.4#





#65

1,2-Dichlorobenzene

Concen: 0.105 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

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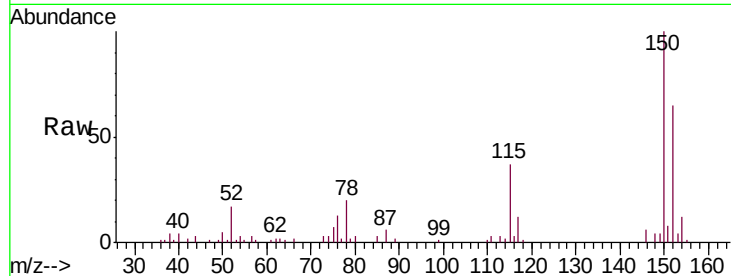
Tgt Ion:146 Resp: 1455

Ion Ratio Lower Upper

146 100

111 50.1 32.7 49.1#

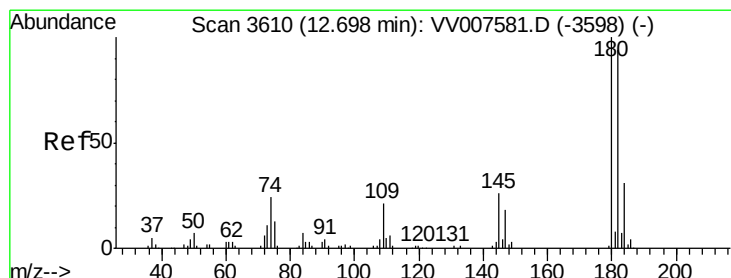
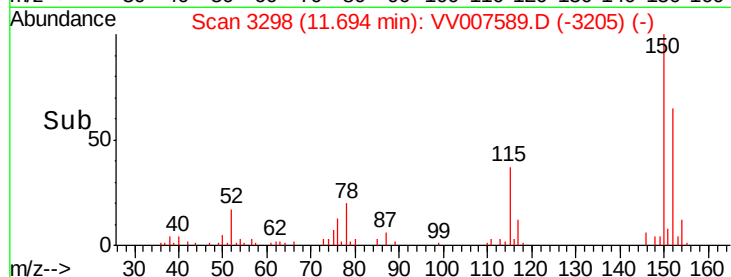
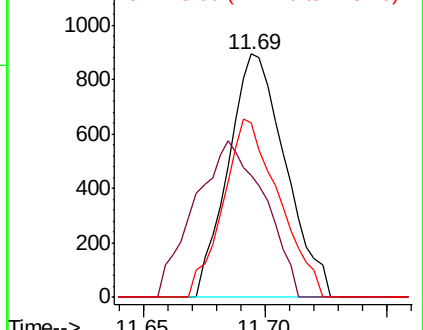
148 71.5 53.0 79.6



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#67

1,3,5-Trichlorobenzene

Concen: 0.069 ug/L

RT: 12.70 min Scan# 3611

Delta R.T. 0.00 min

Lab File: VV007589.D

Acq: 17 Sep 2018 15:48

Tgt Ion:180 Resp: 810

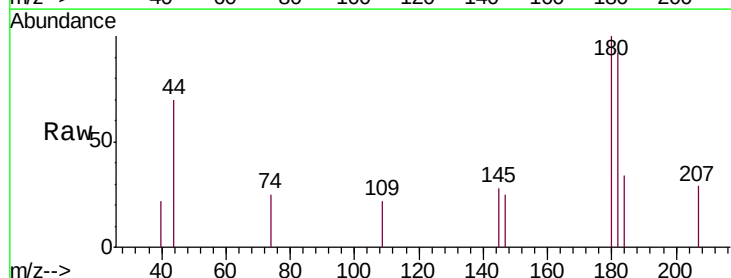
Ion Ratio Lower Upper

180 100

182 95.7 76.1 114.1

184 22.1 24.0 36.0#

145 20.4 22.6 34.0#

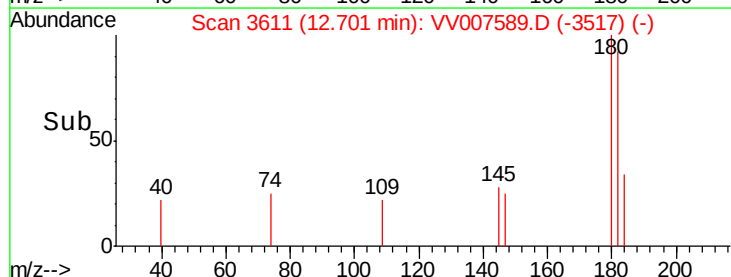
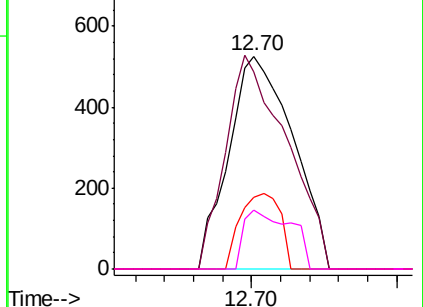


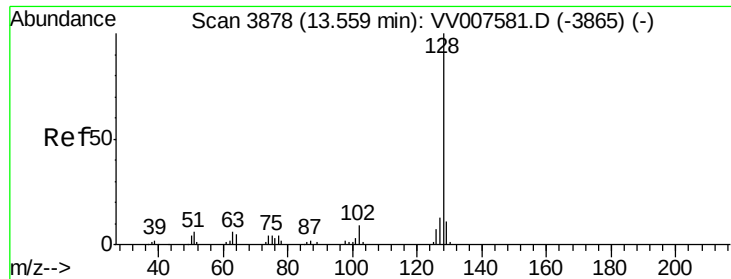
Abundance Ion 180.00 (179.70 to 180.70): V

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





#69

Naphthalene

Concen: 0.308 ug/L

RT: 13.57 min Scan# 3880

Delta R.T. 0.01 min

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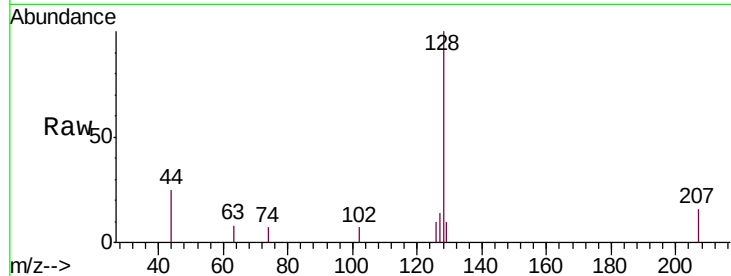
Tgt Ion:128 Resp: 3137

Ion Ratio Lower Upper

128 100

129 8.7 8.5 12.7

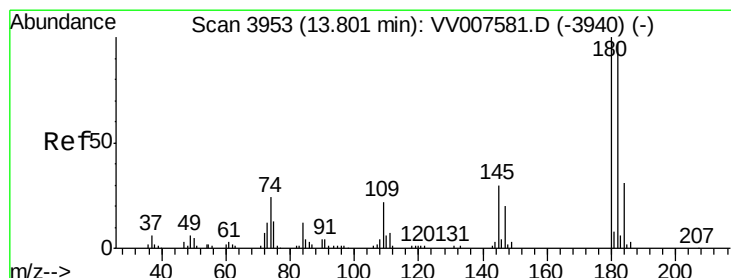
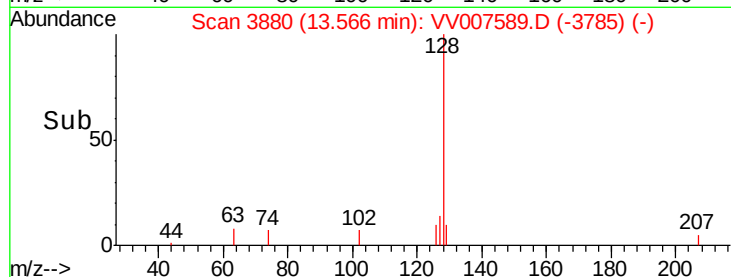
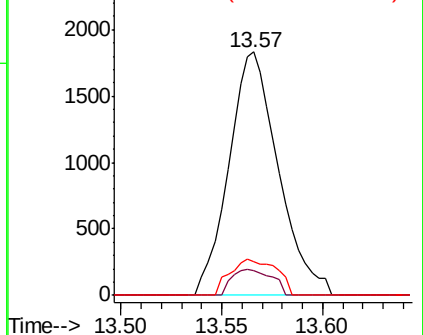
127 14.0 10.5 15.7



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: 0.194 ug/L

RT: 13.80 min Scan# 3953

Delta R.T. 0.00 min

Lab File: VV007589.D

Acq: 17 Sep 2018 15:48

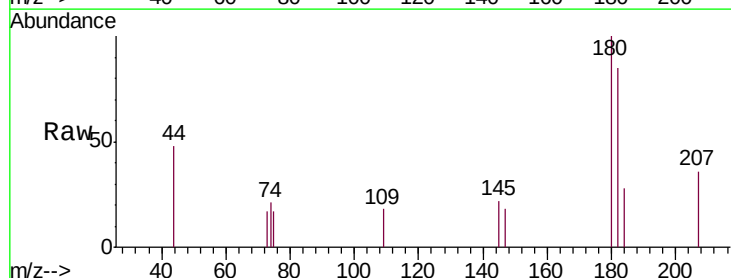
Tgt Ion:180 Resp: 1485

Ion Ratio Lower Upper

180 100

182 87.9 75.5 113.3

145 25.4 23.4 35.0



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

