

Data File : VV010582.D
Acq On : 30 Apr 2019 18:42
Operator : SY/MD
Sample : VV0501WBL01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK

Quant Time: May 01 08:17:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 01 08:14:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	191434	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	189907	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79156	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56496	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	1.58	69	32441	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.13	63	85550	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	3.96	46	144379	59.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.98%
24) Chloroform-d	4.40	84	124685	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
26) 1,2-Dichloroethane-d4	5.08	65	64925	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.20%
32) Benzene-d6	5.10	84	247606	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.00%
36) 1,2-Dichloropropane-d6	6.12	67	72319	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	7.36	98	221778	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
43) trans-1,3-Dichloropropene-	7.67	79	25152	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	8.14	63	119453	60.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52252	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	76464	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

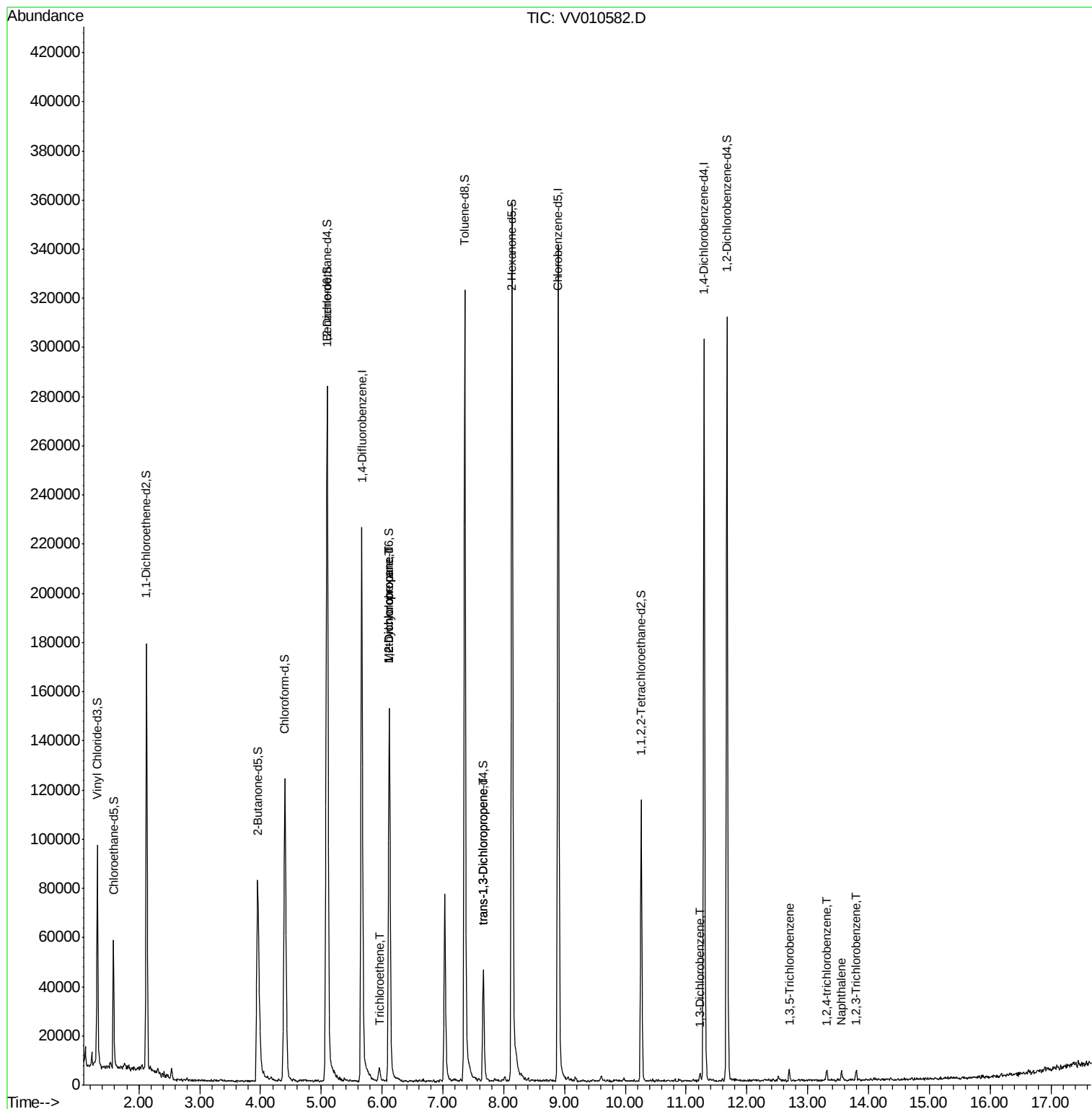
					Qvalue
34) Trichloroethene	5.97	95	1179	0.083 ug/L #	79
35) Methylcyclohexane	6.12	83	18037	0.908 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8416	0.690 ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	1577	0.122 ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	1581	0.066 ug/L #	89
67) 1,3,5-Trichlorobenzene	12.69	180	1385	0.078 ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	1675	0.124 ug/L #	87
69) Naphthalene	13.55	128	3190	0.147 ug/L #	81
70) 1,2,3-Trichlorobenzene	13.80	180	1408	0.113 ug/L	96

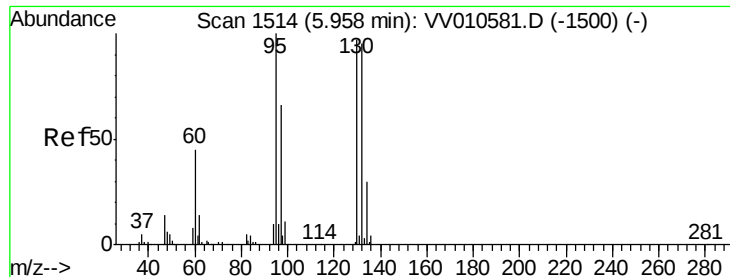
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.083 ug/L

RT: 5.97 min Scan# 1518

Delta R.T. 0.01 min

Lab File: VV010582.D

Acq: 30 Apr 2019 18:42

Instrument :

MSVOA_V

ClientSampleId :

VBLK

Tgt Ion: 95 Resp: 1179

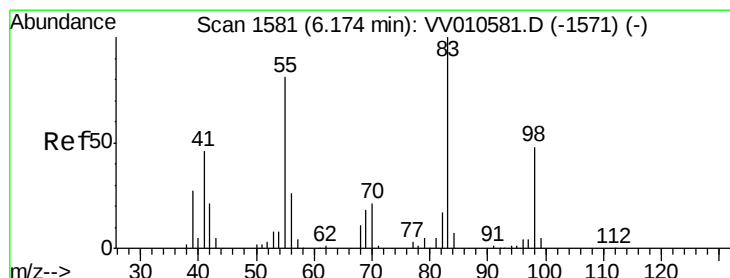
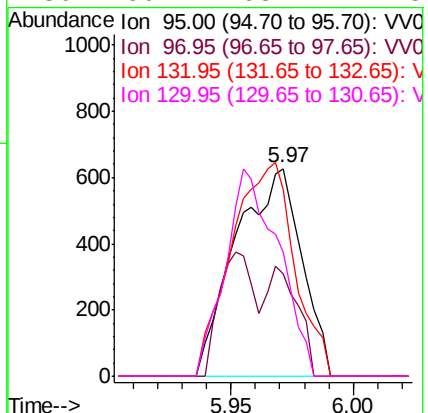
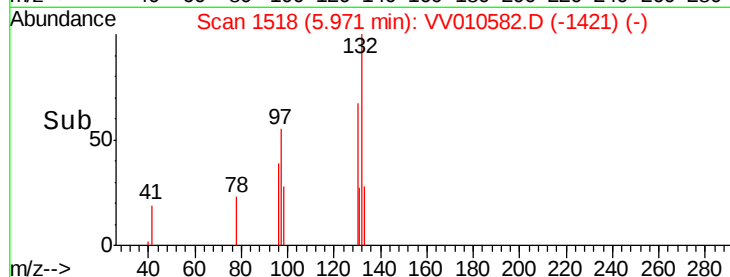
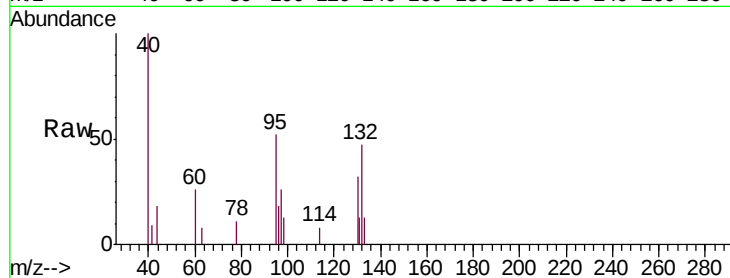
Ion Ratio Lower Upper

95 100

97 49.6 44.3 82.3

132 89.8 67.1 124.7

130 60.1 68.7 127.5#



#35

Methylcyclohexane

Concen: 0.908 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV010582.D

Acq: 30 Apr 2019 18:42

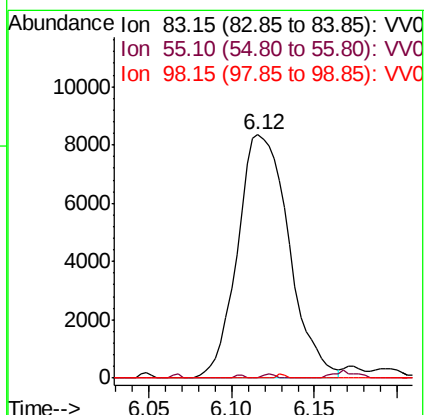
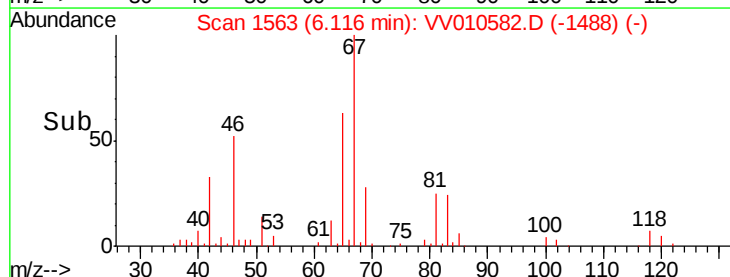
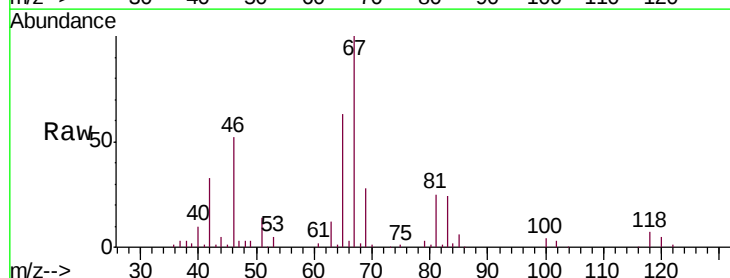
Tgt Ion: 83 Resp: 18037

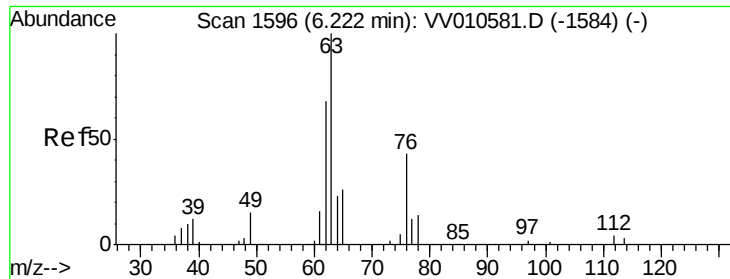
Ion Ratio Lower Upper

83 100

55 0.4 62.6 94.0#

98 0.3 38.8 58.2#

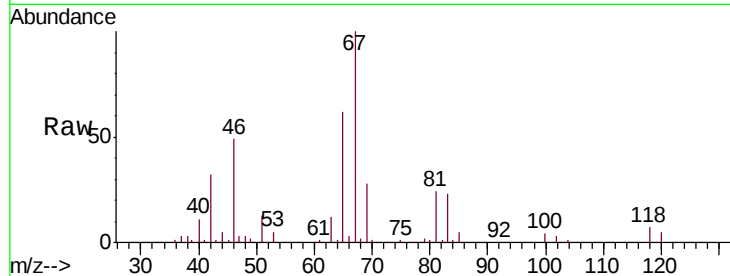




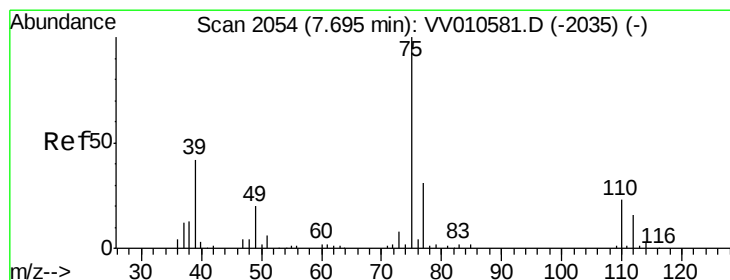
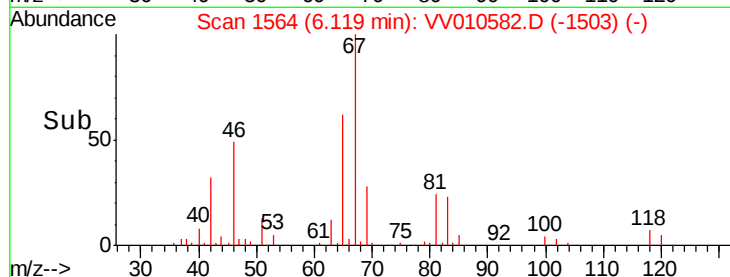
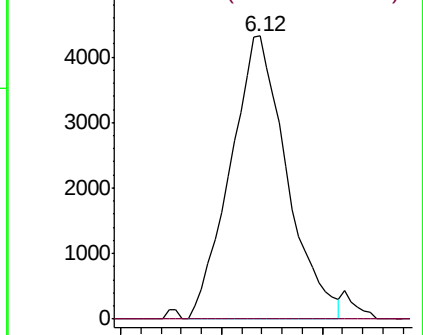
#37
 1,2-Dichloropropane
 Concen: 0.690 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV010582.D
 Acq: 30 Apr 2019 18:42

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK

Tgt Ion: 63 Resp: 8416
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#

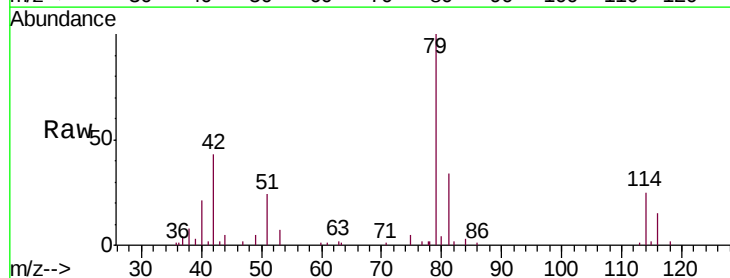


Abundance Ion 63.10 (62.80 to 63.80): VV010581.D (-1584) (-)
 Ion 112.10 (111.80 to 112.80): VV010581.D (-1584) (-)

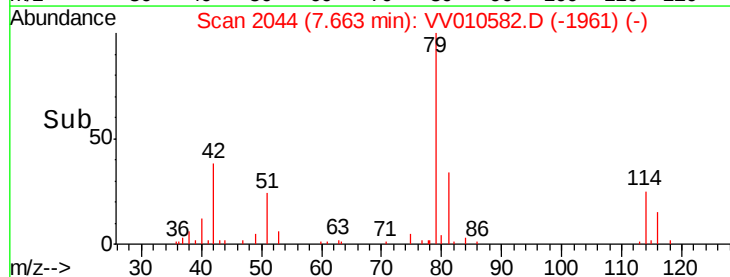
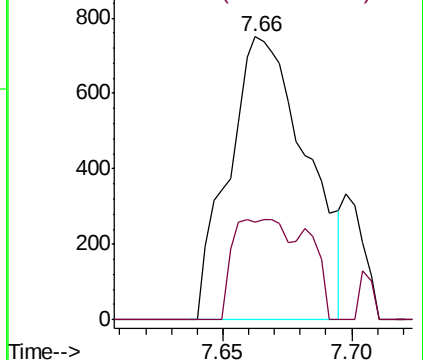


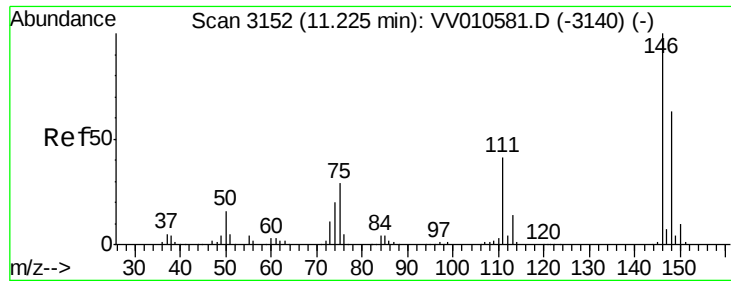
#44
 trans-1,3-Dichloropropene
 Concen: 0.122 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV010582.D
 Acq: 30 Apr 2019 18:42

Tgt Ion: 75 Resp: 1577
 Ion Ratio Lower Upper
 75 100
 77 34.7 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VV010581.D (-2035) (-)
 Ion 77.05 (76.75 to 77.75): VV010581.D (-2035) (-)





#62

1,3-Dichlorobenzene

Concen: 0.066 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. 0.00 min

Lab File: VV010582.D

Acq: 30 Apr 2019 18:42

Instrument :

MSVOA_V

ClientSampled :

VBLK

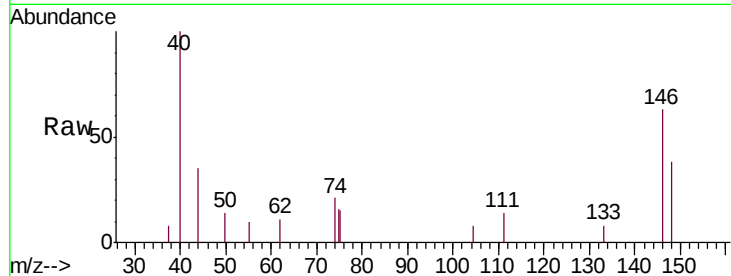
Tgt Ion:146 Resp: 1581

Ion Ratio Lower Upper

146 100

111 22.4 27.6 51.4#

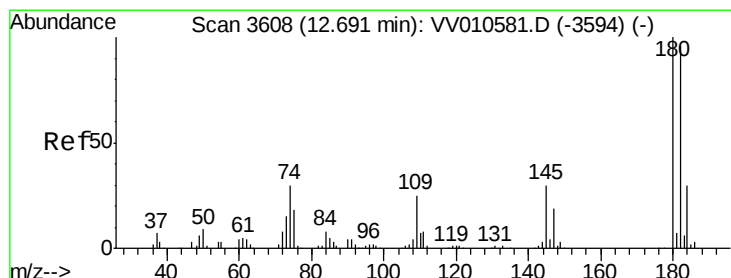
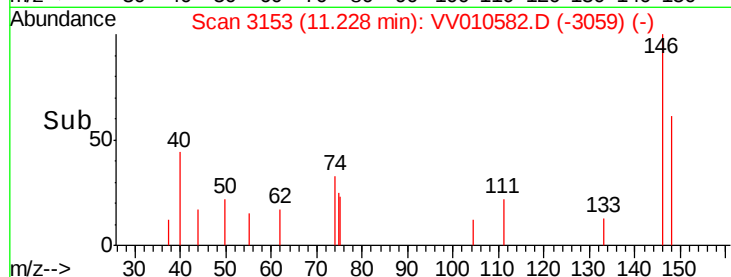
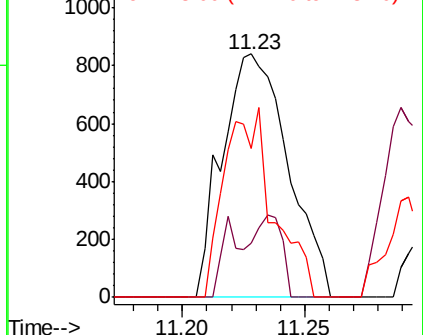
148 61.1 43.0 80.0



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: 0.078 ug/L

RT: 12.69 min Scan# 3609

Delta R.T. 0.00 min

Lab File: VV010582.D

Acq: 30 Apr 2019 18:42

Tgt Ion:180 Resp: 1385

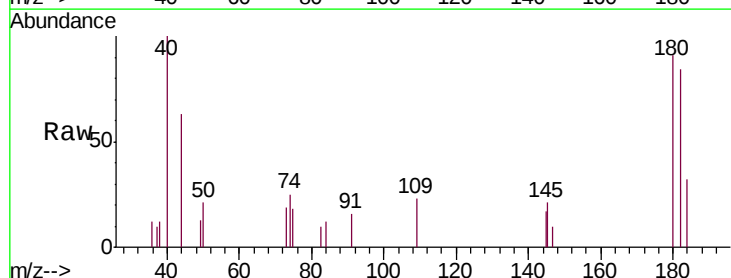
Ion Ratio Lower Upper

180 100

182 98.1 76.7 115.1

184 29.7 25.2 37.8

145 33.1 25.0 37.4

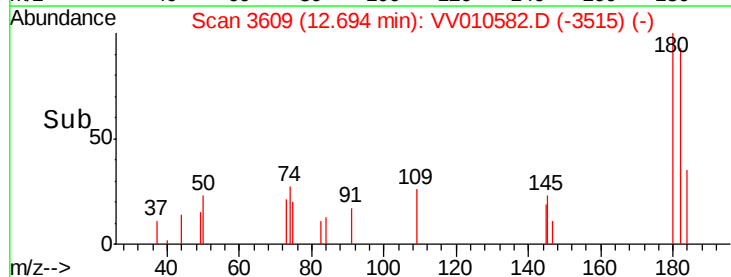
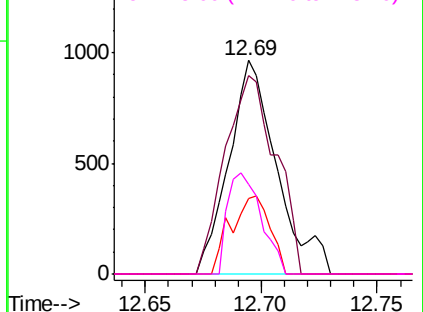


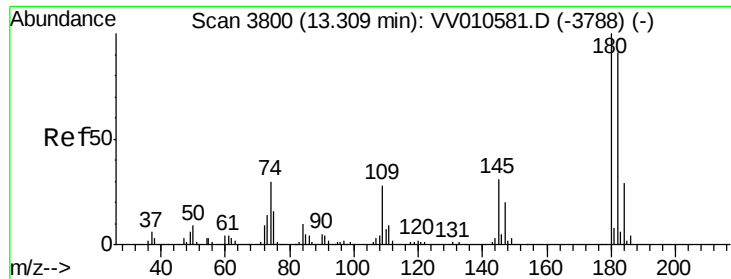
Abundance Ion 180.00 (179.70 to 180.70): V

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: 0.124 ug/L

RT: 13.31 min Scan# 3801

Delta R.T. 0.00 min

Lab File: VV010582.D

Acq: 30 Apr 2019 18:42

Instrument :

MSVOA_V

ClientSampleId :

VBLK

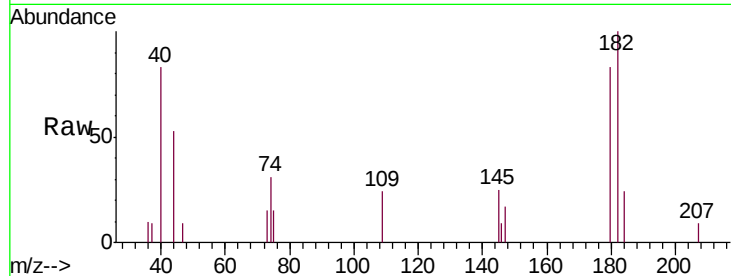
Tgt Ion:180 Resp: 1675

Ion Ratio Lower Upper

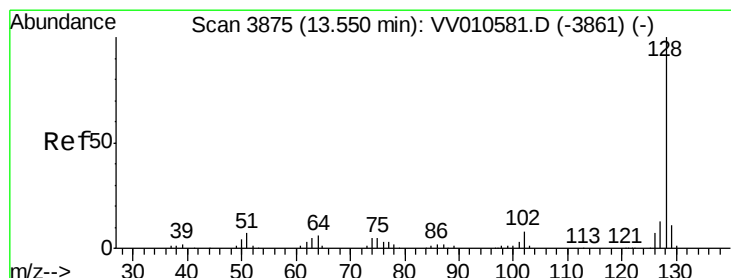
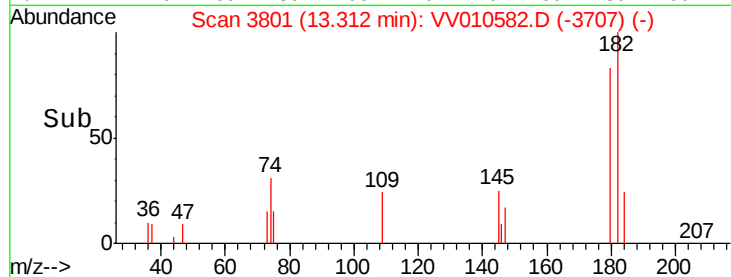
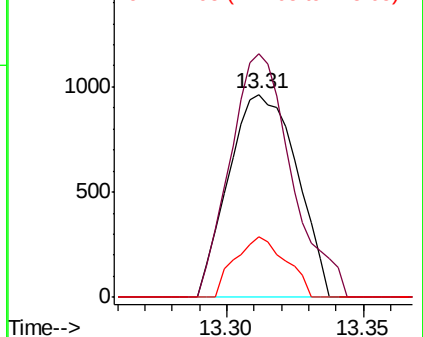
180 100

182 107.8 77.2 115.8

145 22.4 25.9 38.9#



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: 0.147 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV010582.D

Acq: 30 Apr 2019 18:42

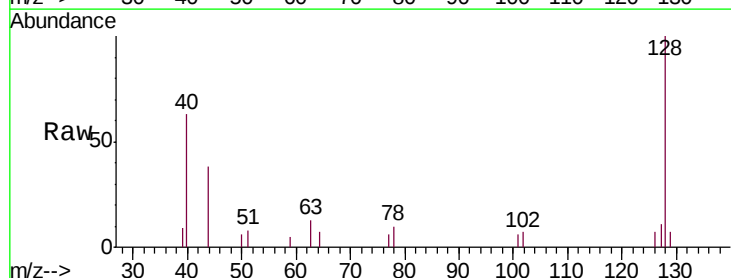
Tgt Ion:128 Resp: 3190

Ion Ratio Lower Upper

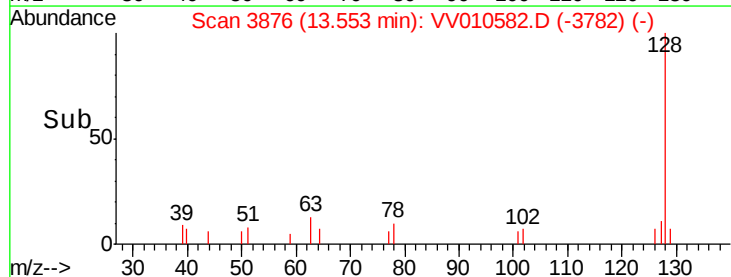
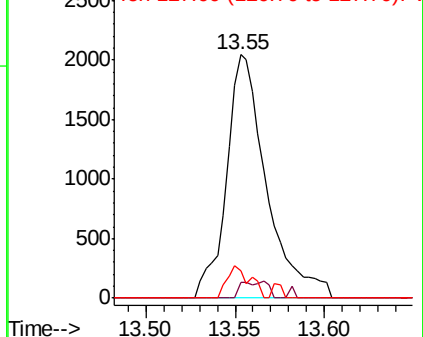
128 100

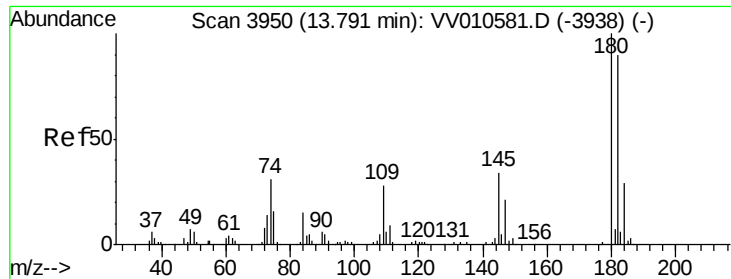
129 2.3 8.9 13.3#

127 7.5 10.7 16.1#



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: 0.113 ug/L
 RT: 13.80 min Scan# 3954
 Delta R.T. 0.01 min
 Lab File: VV010582.D
 Acq: 30 Apr 2019 18:42

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	73.4	110.0
145	29.8	26.2	39.4

