

Data File : VV010458.D
Acq On : 24 Apr 2019 13:19
Operator : SY/MD
Sample : VV424WBL01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK38

Quant Time: Apr 25 02:24:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 02:19:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	264865	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	255621	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	124742	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74002	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.58	69	56723	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.13	63	111889	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	3.97	46	160373	48.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.98%
24) Chloroform-d	4.40	84	149256	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.08	65	77457	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.09	84	292642	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.12	67	86257	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.36	98	289427	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.66	79	32308	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.14	63	130063	48.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	62166	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	114219	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

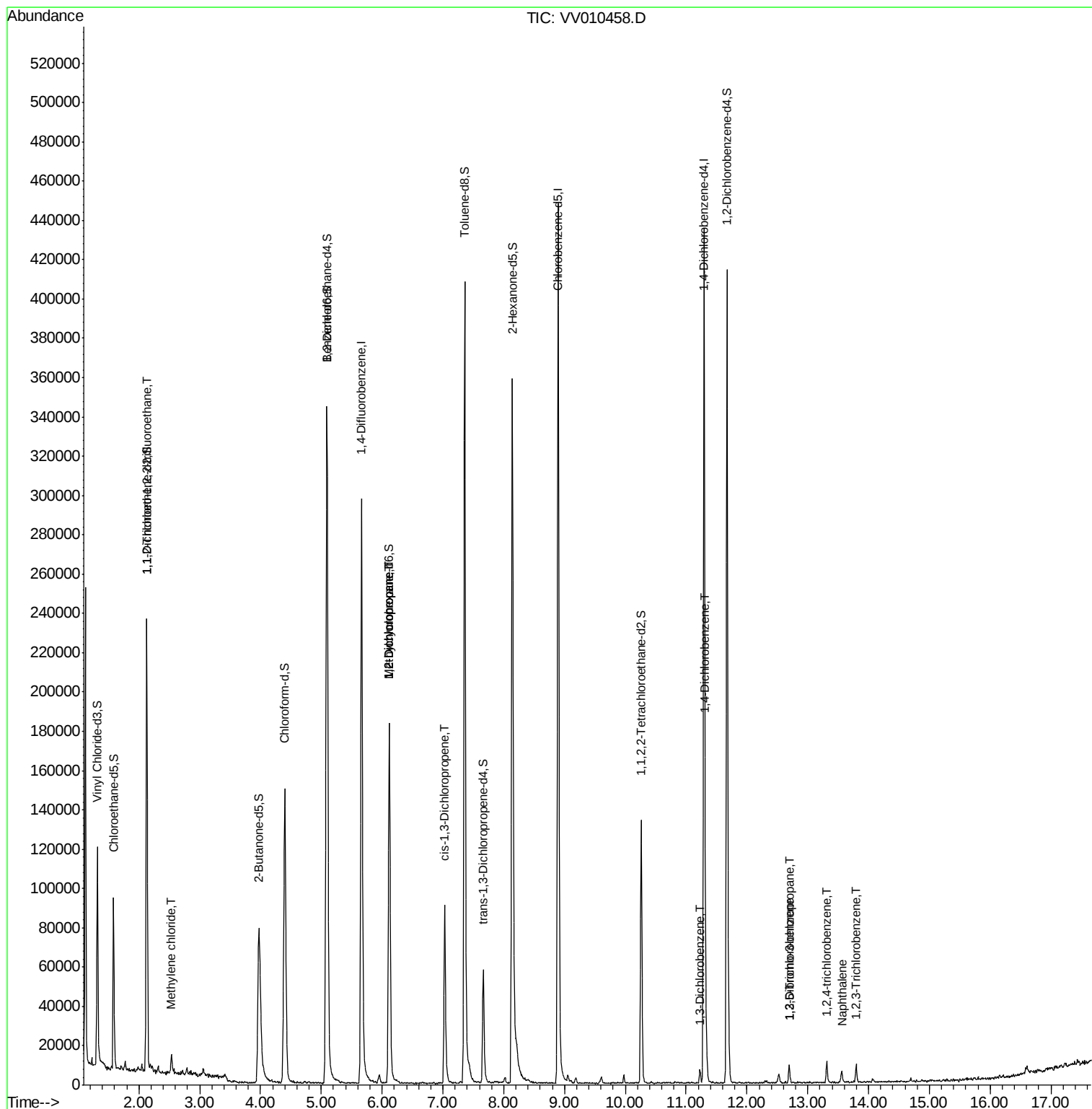
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1473	0.084	ug/L #	41
16) Methylene chloride	2.54	84	4313	0.247	ug/L	91
35) Methylcyclohexane	6.12	83	23345	0.825	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	9705	0.612	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	2919	0.124	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	2891	0.074	ug/L	88
63) 1,4-Dichlorobenzene	11.32	146	4504	0.115	ug/L	83
66) 1,2-Dibromo-3-chloropropan	12.69	75	307	0.154	ug/L #	1
67) 1,3,5-Trichlorobenzene	12.69	180	3255	0.102	ug/L	94
68) 1,2,4-trichlorobenzene	13.32	180	3813	0.158	ug/L #	89
69) Naphthalene	13.56	128	5458	0.153	ug/L #	92
70) 1,2,3-Trichlorobenzene	13.80	180	3155	0.138	ug/L	95

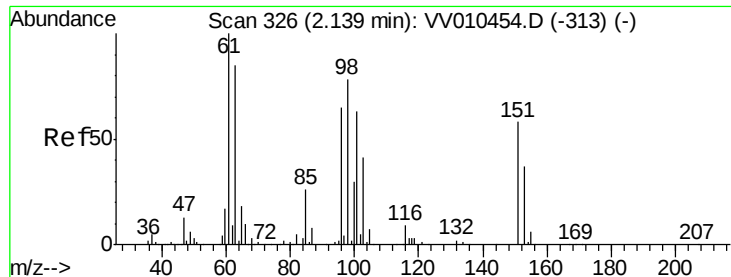
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.084 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV010458.D

Acq: 24 Apr 2019 13:19

Instrument :

MSVOA_V

ClientSampled :

VBLK38

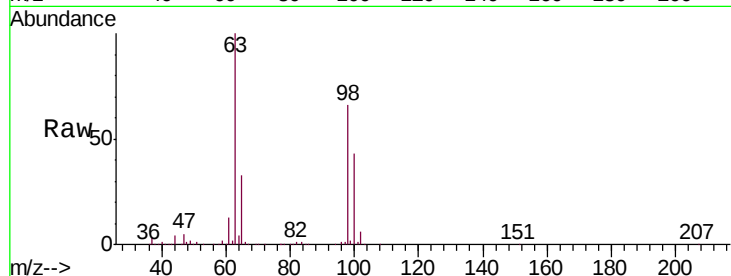
Tgt Ion: 101 Resp: 1473

Ion Ratio Lower Upper

101 100

85 11.9 33.8 50.8#

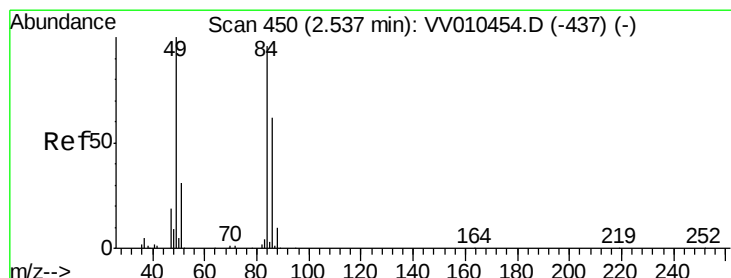
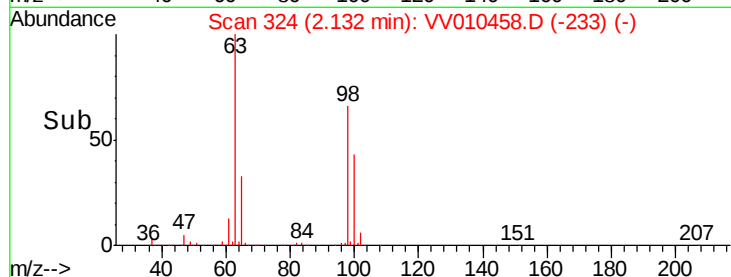
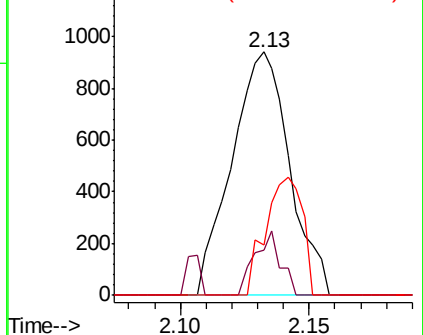
151 30.9 73.8 110.6#



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



#16

Methylene chloride

Concen: 0.247 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010458.D

Acq: 24 Apr 2019 13:19

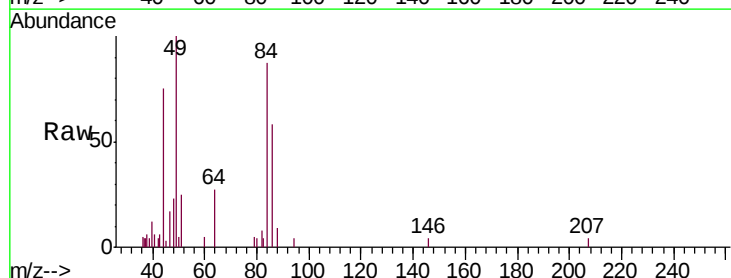
Tgt Ion: 84 Resp: 4313

Ion Ratio Lower Upper

84 100

86 67.2 44.7 83.1

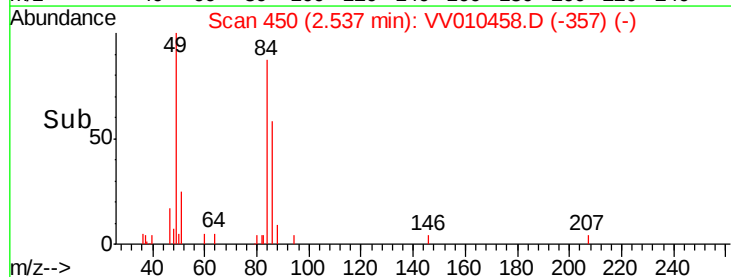
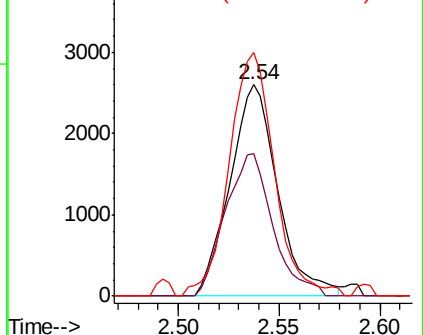
49 115.3 72.7 135.1

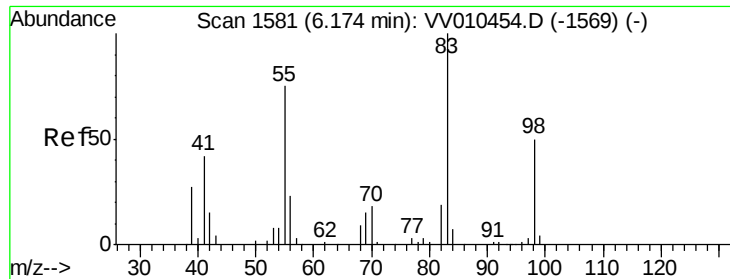


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

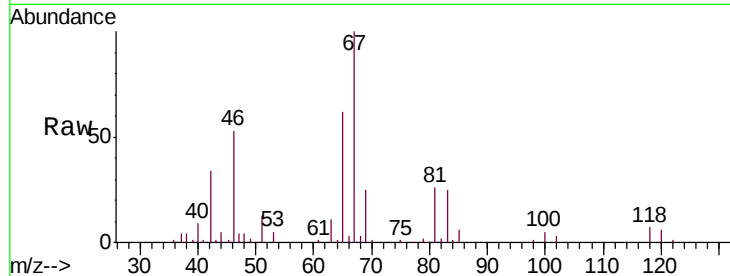




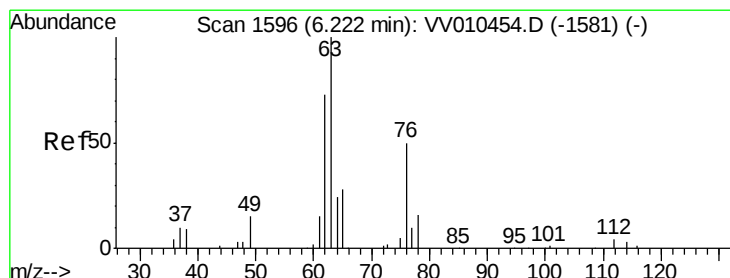
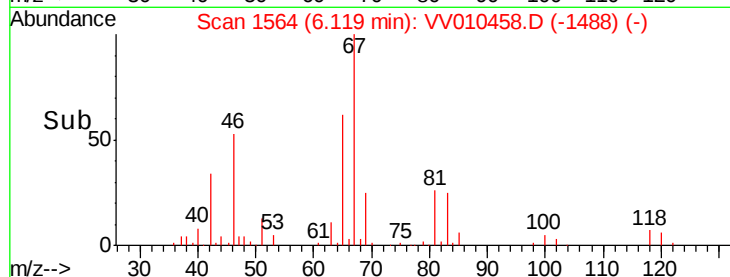
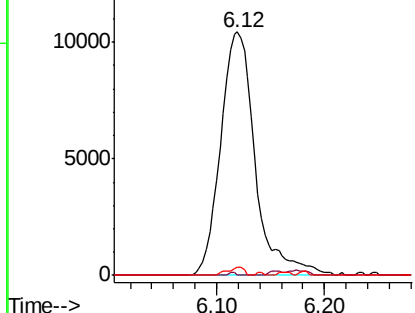
#35
Methylcyclohexane
Concen: 0.825 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010458.D
Acq: 24 Apr 2019 13:19

Instrument :
MSVOA_V
ClientSampleId :
VBLK38

Tgt Ion: 83 Resp: 23345
Ion Ratio Lower Upper
83 100
55 0.2 57.8 86.6#
98 1.6 38.8 58.2#

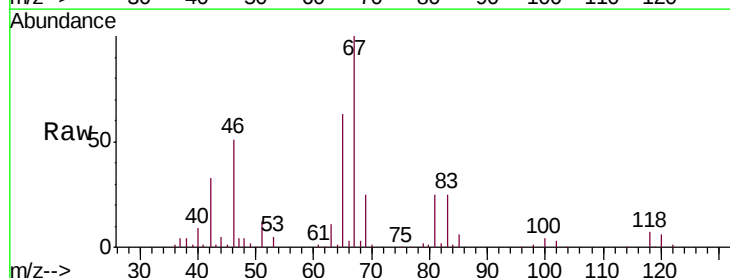


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

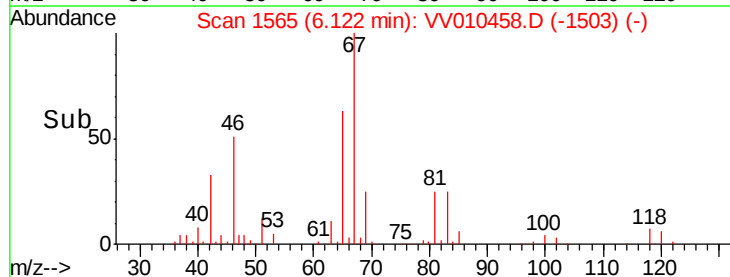
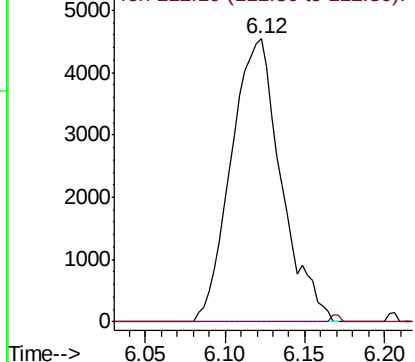


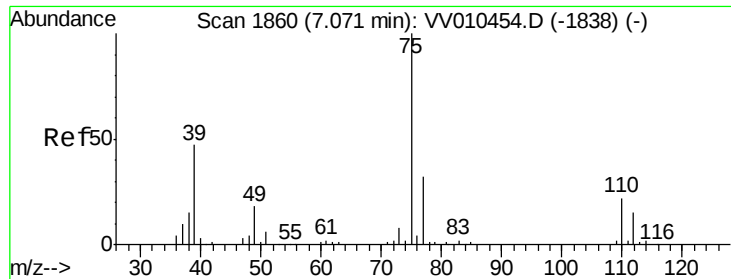
#37
1,2-Dichloropropane
Concen: 0.612 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV010458.D
Acq: 24 Apr 2019 13:19

Tgt Ion: 63 Resp: 9705
Ion Ratio Lower Upper
63 100
112 0.4 3.8 5.6#



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: 0.124 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV010458.D

Acq: 24 Apr 2019 13:19

Instrument :

MSVOA_V

ClientSampleId :

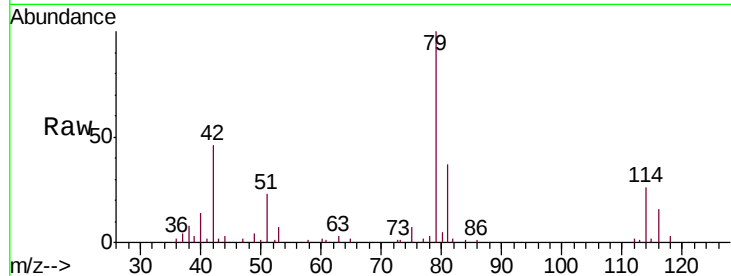
VBLK38

Tgt Ion: 75 Resp: 2919

Ion Ratio Lower Upper

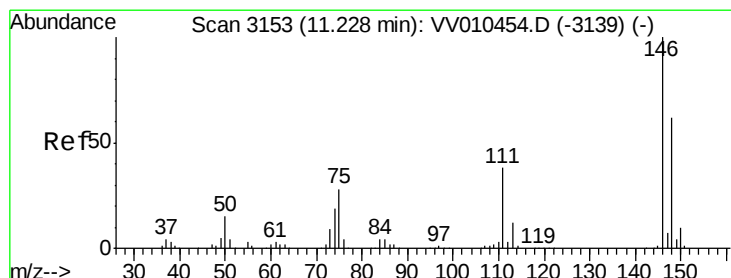
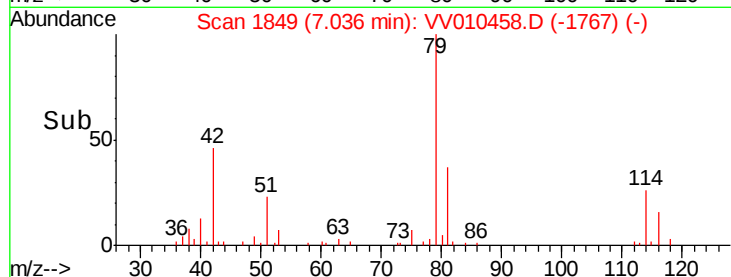
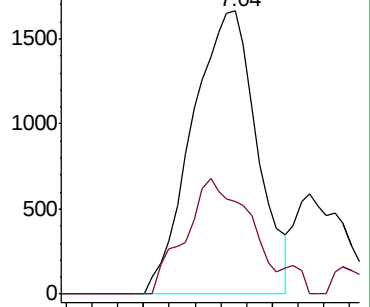
75 100

77 33.0 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VV010454.D (-1838) (-)

Ion 77.05 (76.75 to 77.75): VV010454.D (-1838) (-)



#62

1,3-Dichlorobenzene

Concen: 0.074 ug/L

RT: 11.23 min Scan# 3152

Delta R.T. -0.00 min

Lab File: VV010458.D

Acq: 24 Apr 2019 13:19

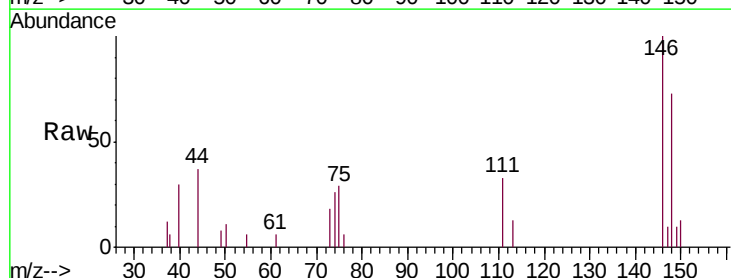
Tgt Ion: 146 Resp: 2891

Ion Ratio Lower Upper

146 100

111 32.6 26.3 48.9

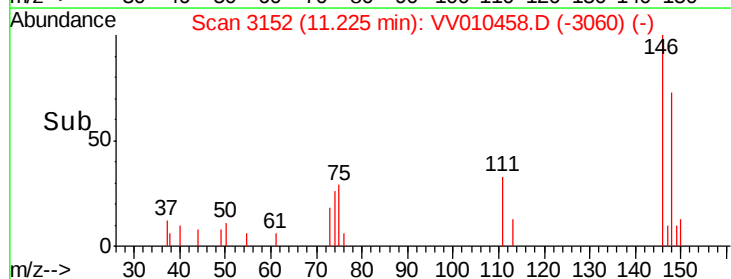
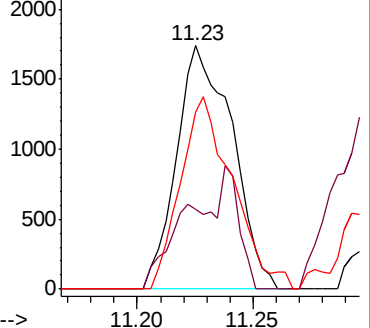
148 72.9 43.3 80.3

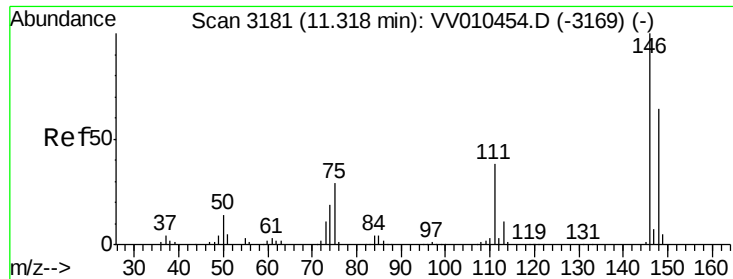


Abundance Ion 145.95 (145.65 to 146.65): VV010454.D (-3139) (-)

Ion 111.00 (110.70 to 111.70): VV010454.D (-3139) (-)

Ion 148.00 (147.70 to 148.70): VV010454.D (-3139) (-)

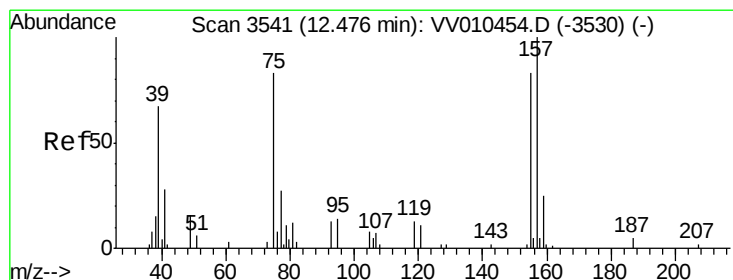
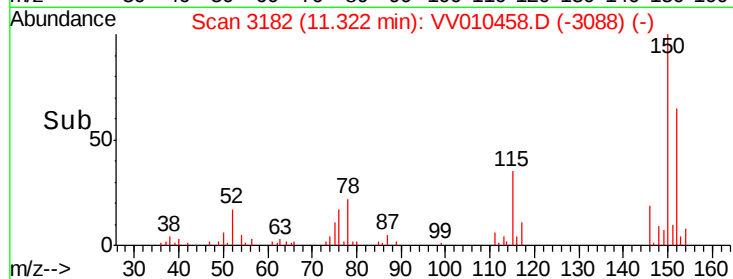
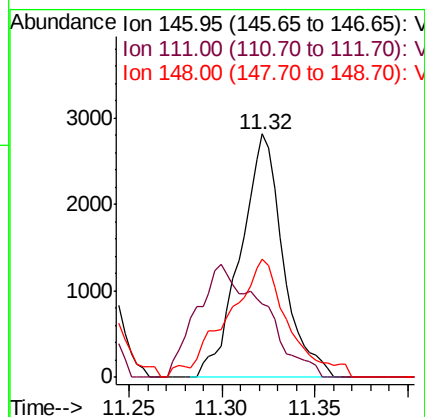
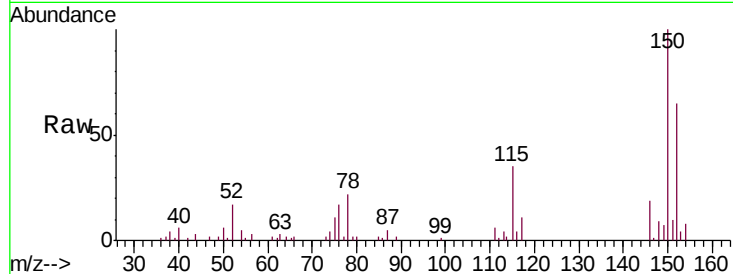




#63
 1,4-Dichlorobenzene
 Concen: 0.115 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV010458.D
 Acq: 24 Apr 2019 13:19

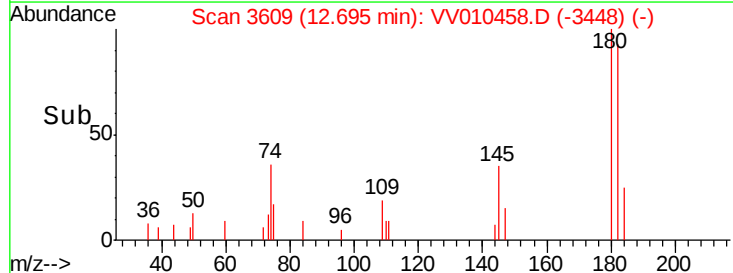
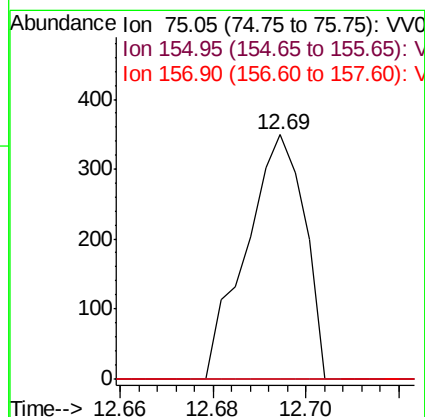
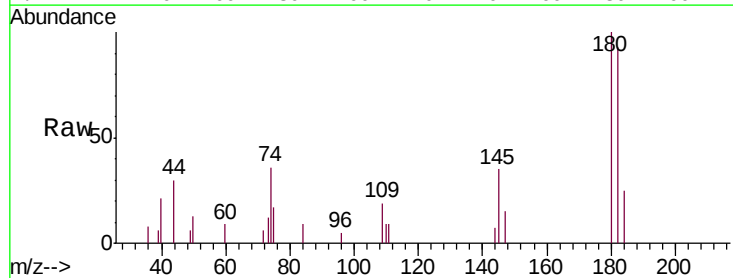
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK38

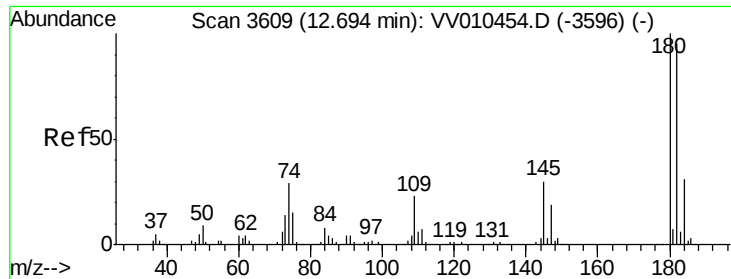
Tgt Ion: 146 Resp: 4504
 Ion Ratio Lower Upper
 146 100
 111 30.2 26.6 49.4
 148 48.5 44.5 82.7



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.154 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.22 min
 Lab File: VV010458.D
 Acq: 24 Apr 2019 13:19

Tgt Ion: 75 Resp: 307
 Ion Ratio Lower Upper
 75 100
 155 0.0 80.3 120.5#
 157 0.0 96.7 145.1#

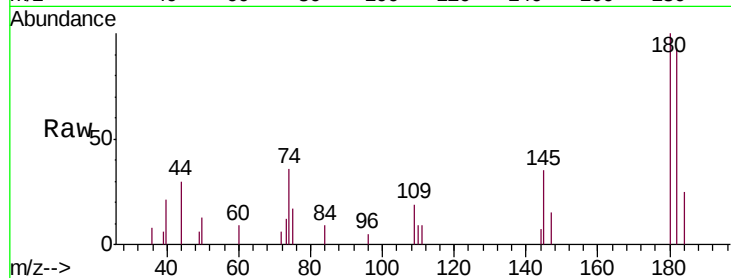




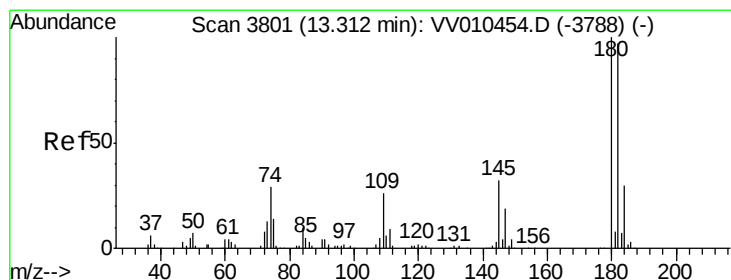
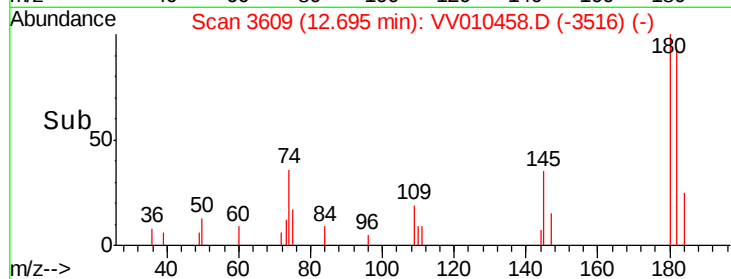
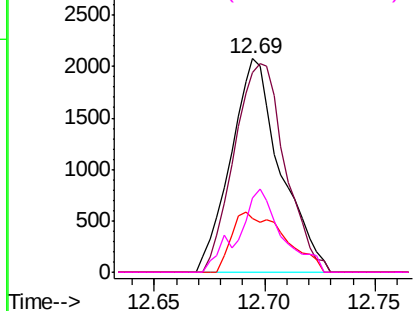
#67
 1,3,5-Trichlorobenzene
 Concen: 0.102 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.00 min
 Lab File: VV010458.D
 Acq: 24 Apr 2019 13:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK38

Tgt Ion:	180	Resp:	3255
Ion	Ratio	Lower	Upper
180	100		
182	99.8	74.8	112.2
184	30.1	24.0	36.0
145	34.3	23.7	35.5

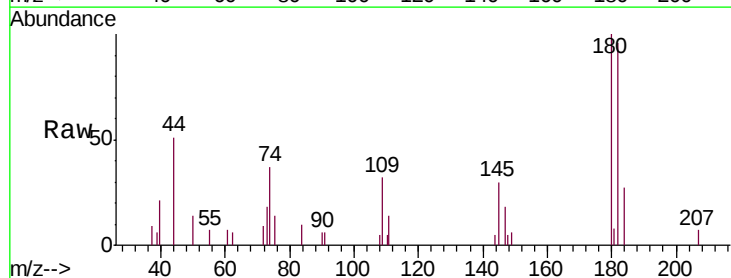


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

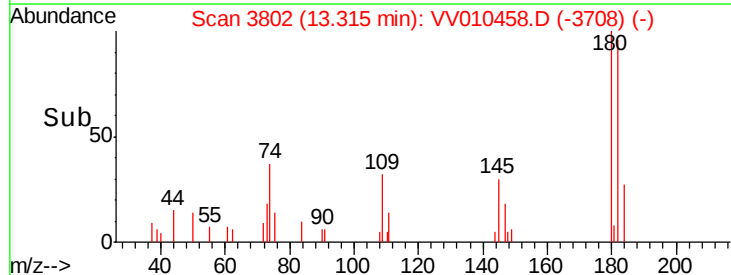
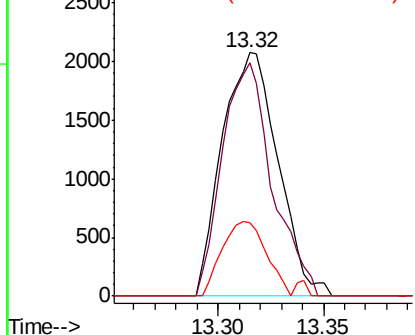


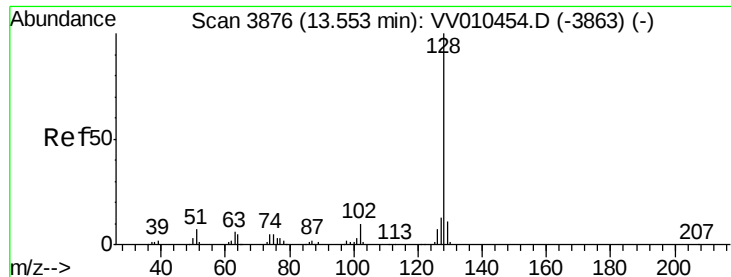
#68
 1,2,4-trichlorobenzene
 Concen: 0.158 ug/L
 RT: 13.32 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV010458.D
 Acq: 24 Apr 2019 13:19

Tgt Ion:	180	Resp:	3813
Ion	Ratio	Lower	Upper
180	100		
182	85.4	76.3	114.5
145	24.2	24.5	36.7#



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: 0.153 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV010458.D

Acq: 24 Apr 2019 13:19

Instrument :

MSVOA_V

ClientSampleId :

VBLK38

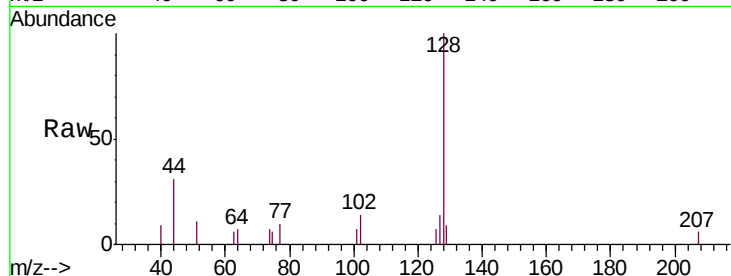
Tgt Ion:128 Resp: 5458

Ion Ratio Lower Upper

128 100

129 4.8 8.7 13.1#

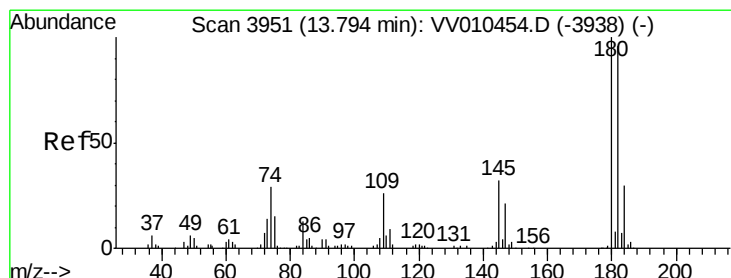
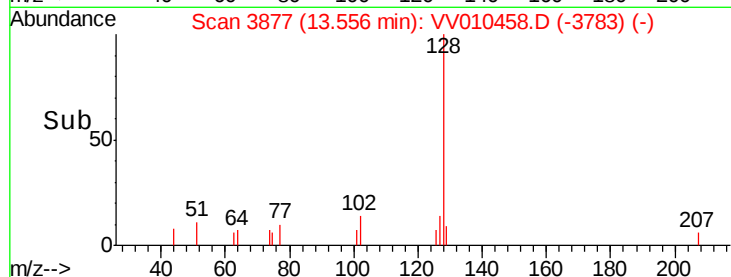
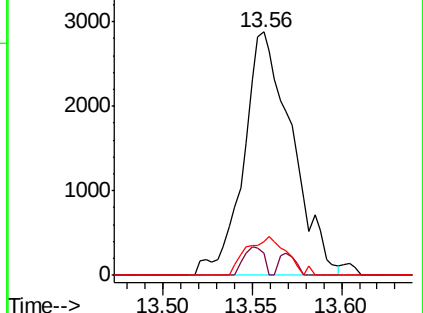
127 13.2 10.3 15.5



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: 0.138 ug/L

RT: 13.80 min Scan# 3952

Delta R.T. 0.00 min

Lab File: VV010458.D

Acq: 24 Apr 2019 13:19

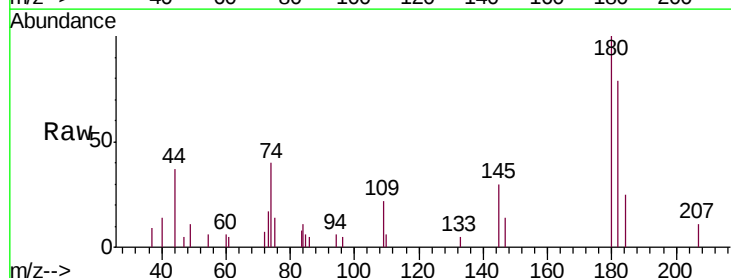
Tgt Ion:180 Resp: 3155

Ion Ratio Lower Upper

180 100

182 91.9 76.9 115.3

145 26.9 25.4 38.0



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

