

Data File : VV009453.D
Acq On : 01 Mar 2019 14:06
Operator : SY/MD
Sample : K1599-18DL 5X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 02 00:11:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 02 00:06:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87357	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	81520	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38794	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22796	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.58	69	20639	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.13	63	42812	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.96	46	50308	58.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.28%
24) Chloroform-d	4.40	84	46407	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.08	65	24332	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.10	84	96712	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
36) 1,2-Dichloropropane-d6	6.12	67	29409	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.60%
41) Toluene-d8	7.36	98	97269	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
43) trans-1,3-Dichloropropene-	7.67	79	11392	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.14	63	46027	60.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	23414	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	35061	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

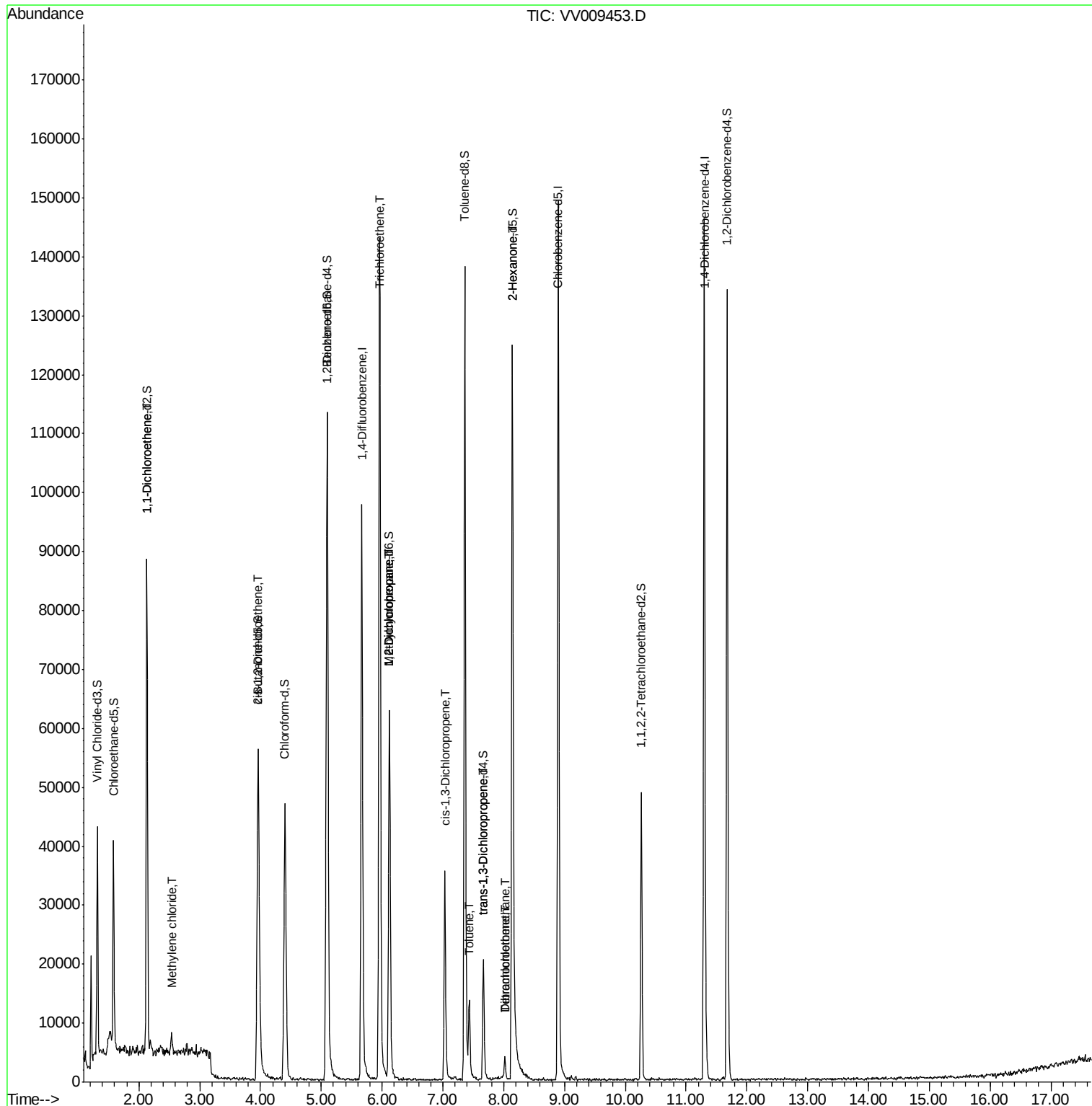
Target Compounds

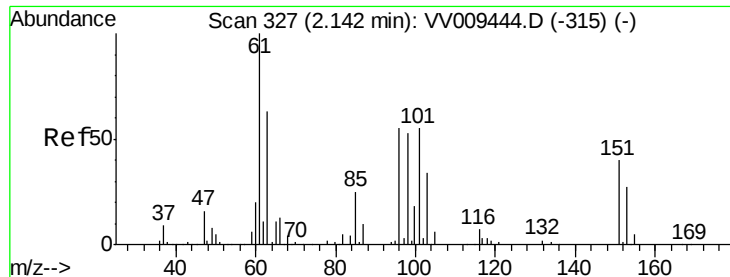
					Qvalue	
12) 1,1-Dichloroethene	2.14	96	884	0.154	ug/L #	1
16) Methylene chloride	2.54	84	1011	0.159	ug/L	89
22) cis-1,2-Dichloroethene	3.96	96	15055	2.600	ug/L	100
34) Trichloroethene	5.96	95	48437	8.095	ug/L	97
35) Methylcyclohexane	6.12	83	7303	0.743	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	3484	0.672	ug/L #	88
39) cis-1,3-Dichloropropene	7.04	75	1196	0.146	ug/L #	81
42) Toluene	7.43	91	9271	0.384	ug/L	97
44) trans-1,3-Dichloropropene	7.67	75	559	0.088	ug/L #	70
47) Tetrachloroethene	8.03	164	791	0.168	ug/L	84
48) 2-Hexanone	8.14	43	5837	3.135	ug/L #	78
49) Dibromochloromethane	8.02	129	686	0.142	ug/L #	9

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

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#12

1,1-Dichloroethene

Concen: 0.154 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV009453.D

Acq: 01 Mar 2019 14:06

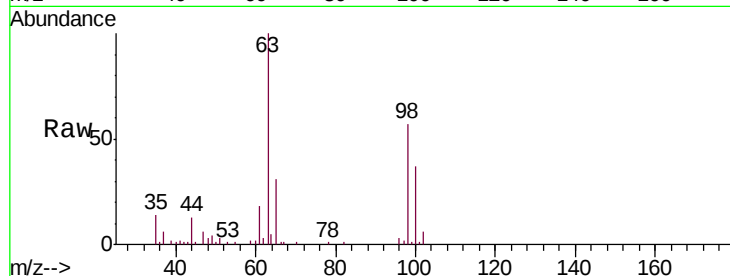
Tgt Ion: 96 Resp: 884

Ion Ratio Lower Upper

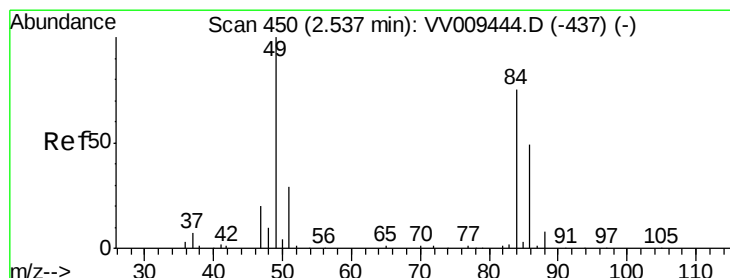
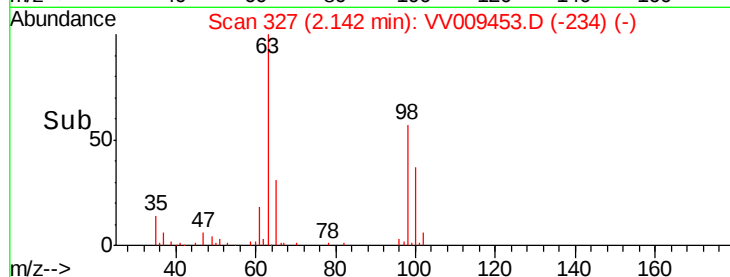
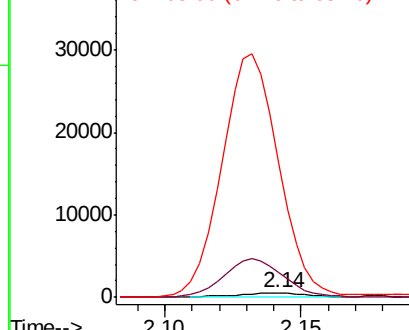
96 100

61 542.0 123.1 228.5#

63 2984.8 82.9 153.9#



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: 0.159 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV009453.D

Acq: 01 Mar 2019 14:06

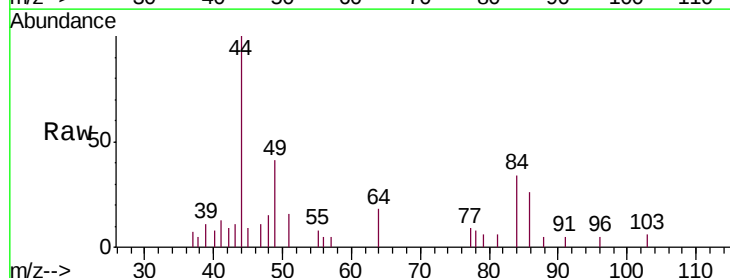
Tgt Ion: 84 Resp: 1011

Ion Ratio Lower Upper

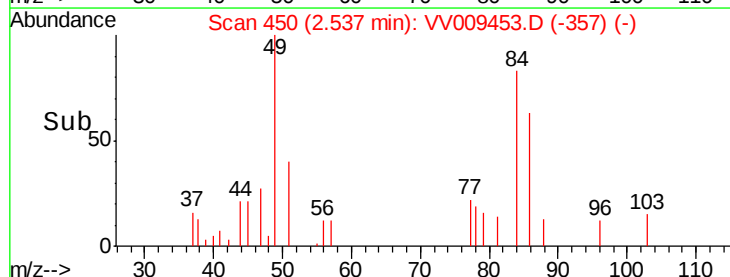
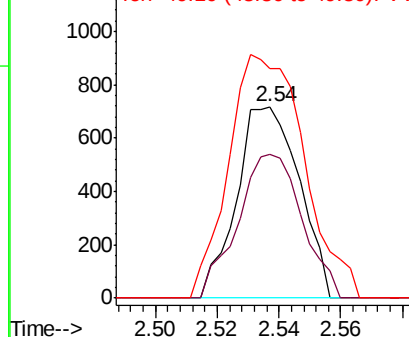
84 100

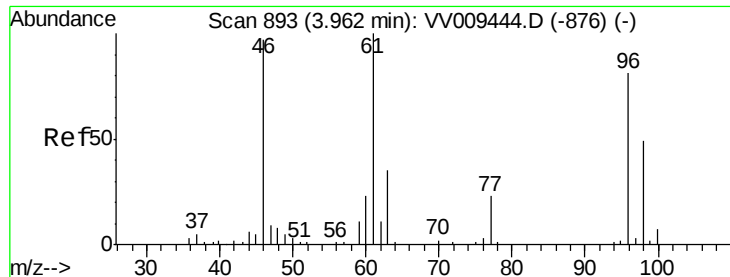
86 75.5 42.8 79.4

49 120.2 90.6 168.2



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

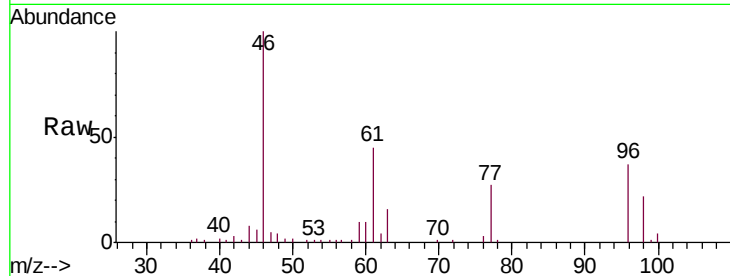




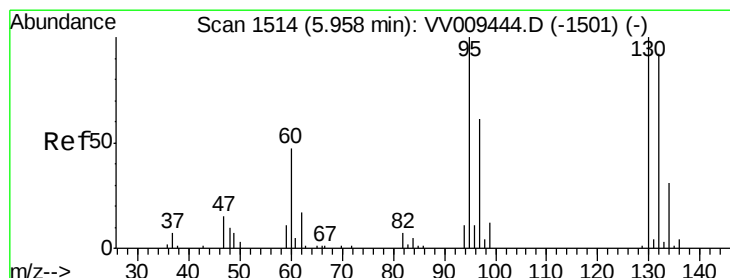
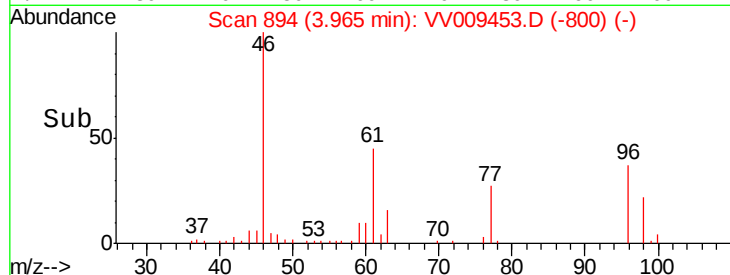
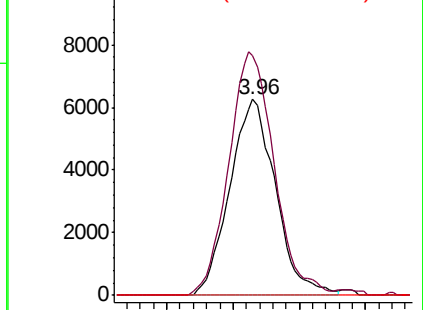
#22

cis-1,2-Dichloroethene
 Concen: 2.600 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV009453.D
 Acq: 01 Mar 2019 14:06

Tgt Ion	Resp	Lower	Upper
96	15055		
61	122.6	86.0	159.8
68	0.0	0.0	0.0



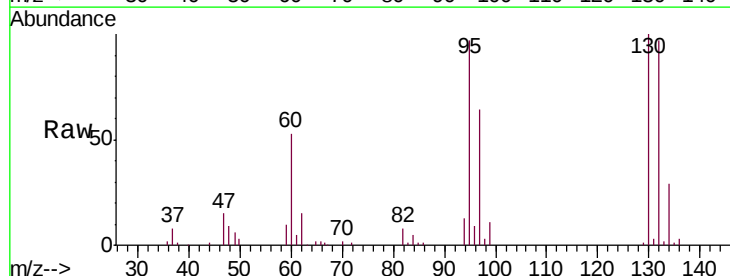
Abundance Ion 96.00 (95.70 to 96.70): VV009444.D (-876) (-)



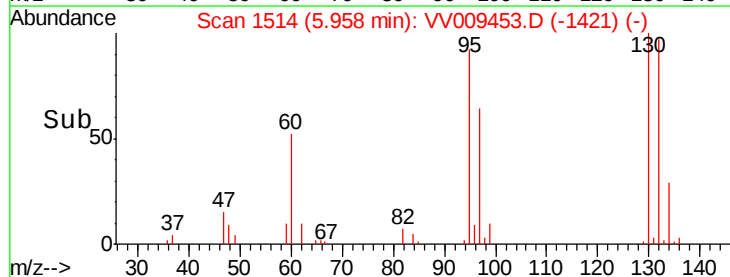
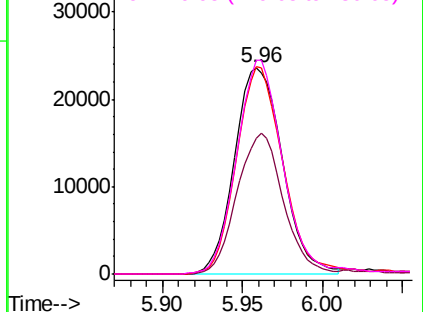
#34

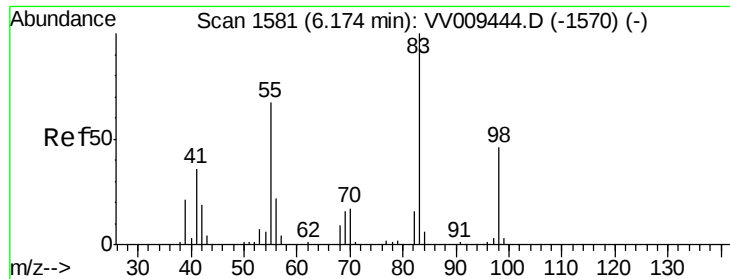
Trichloroethene
 Concen: 8.095 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV009453.D
 Acq: 01 Mar 2019 14:06

Tgt Ion	Resp	Lower	Upper
95	48437		
97	66.0	44.2	82.2
132	100.7	67.8	126.0
130	103.5	70.4	130.8



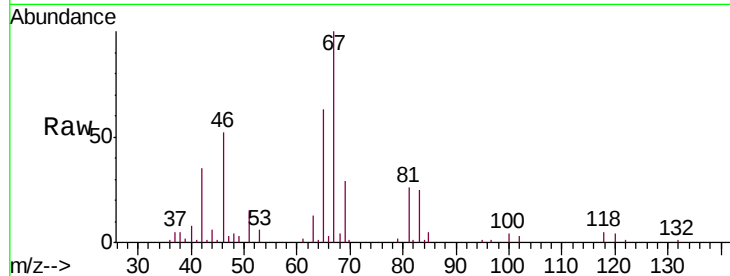
Abundance Ion 95.00 (94.70 to 95.70): VV009444.D (-1501) (-)



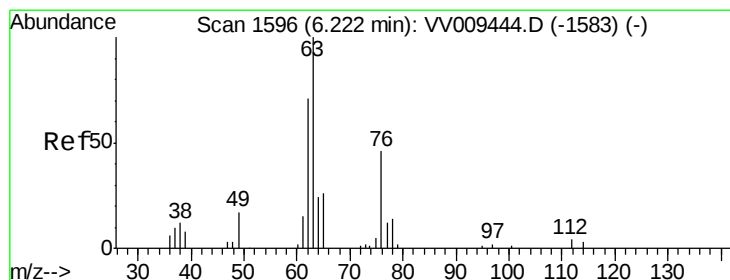
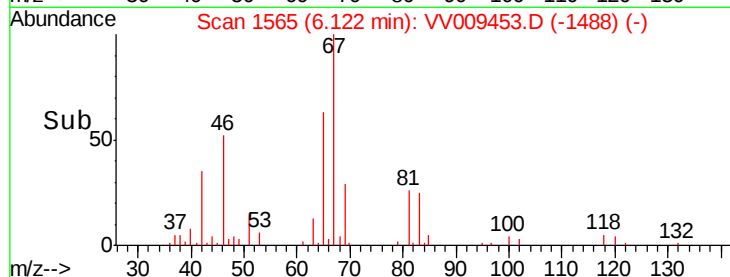
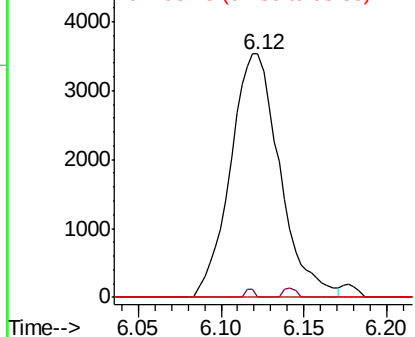


#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV009453.D
Acq: 01 Mar 2019 14:06

Tgt Ion: 83 Resp: 7303
Ion Ratio Lower Upper
83 100
55 0.6 59.8 89.8#
98 0.0 39.9 59.9#

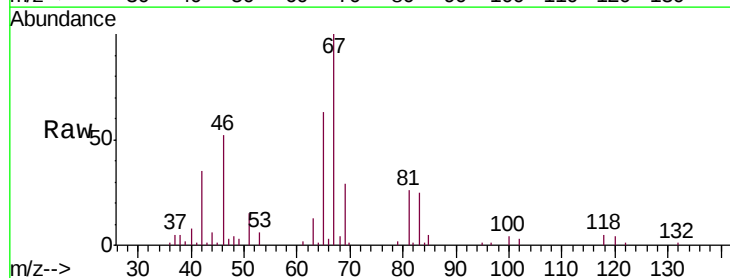


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

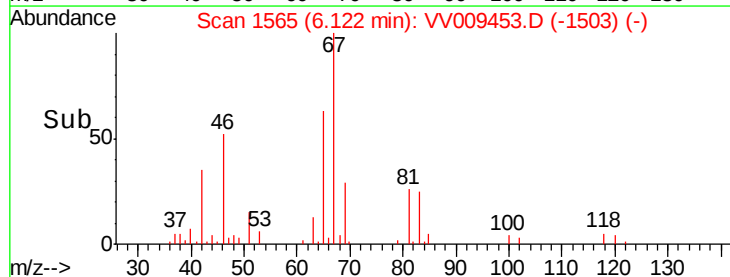
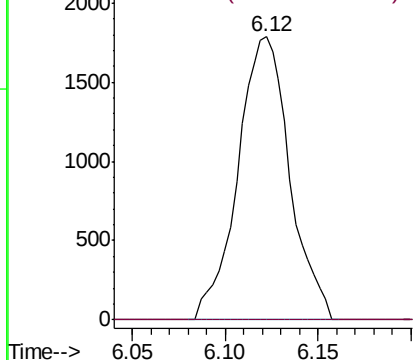


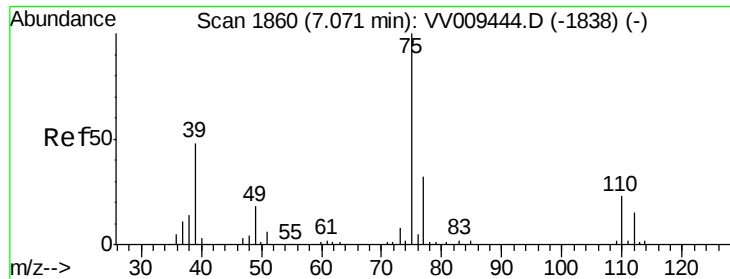
#37
1,2-Dichloropropane
Concen: 0.672 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV009453.D
Acq: 01 Mar 2019 14:06

Tgt Ion: 63 Resp: 3484
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



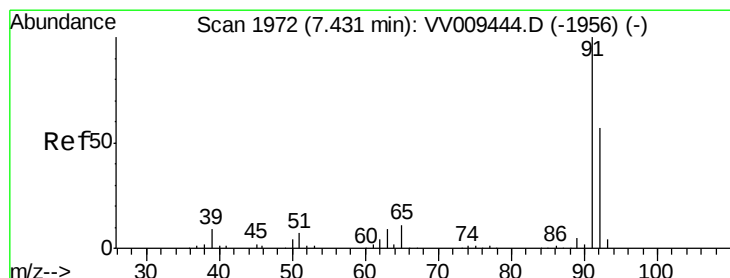
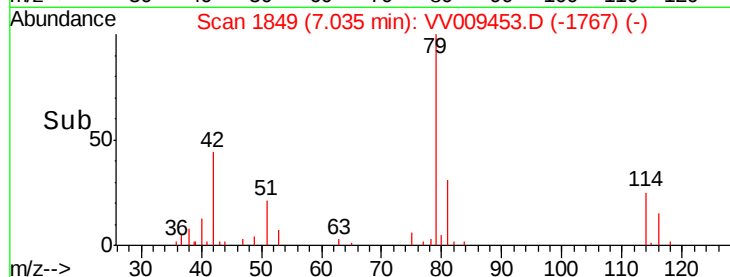
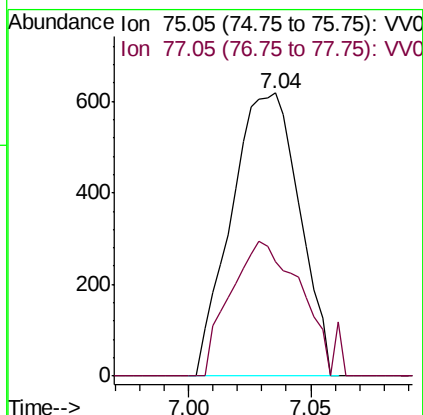
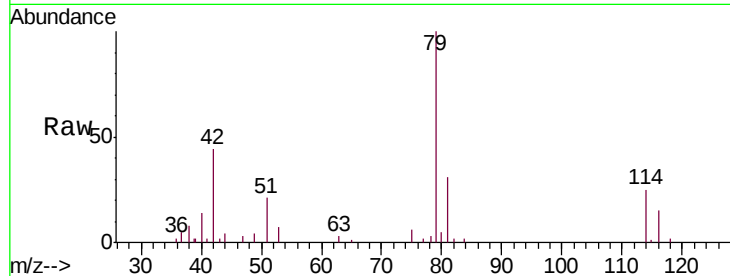
Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





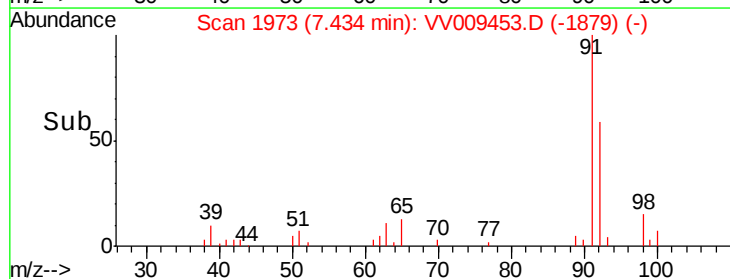
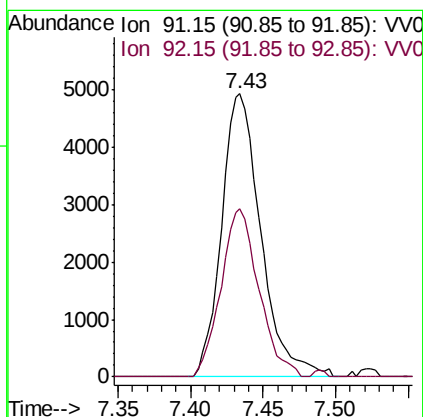
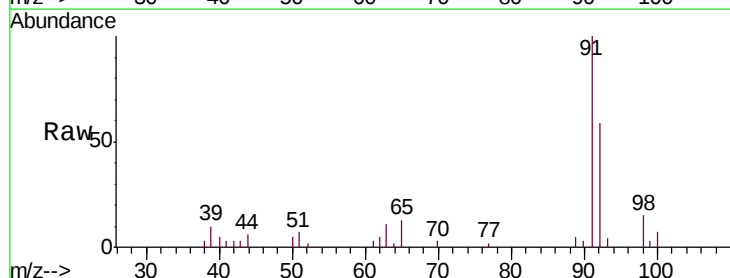
#39
 cis-1,3-Dichloropropene
 Concen: 0.146 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV009453.D
 Acq: 01 Mar 2019 14:06

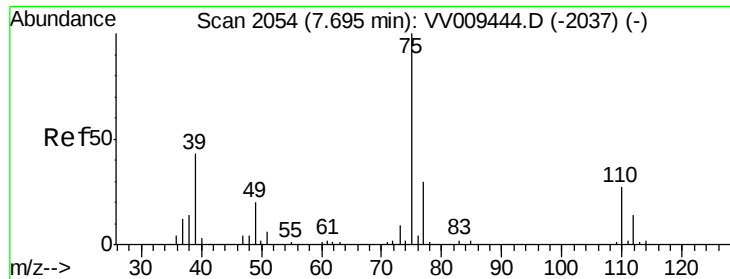
Tgt Ion: 75 Resp: 1196
 Ion Ratio Lower Upper
 75 100
 77 40.5 21.1 39.1#



#42
 Toluene
 Concen: 0.384 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV009453.D
 Acq: 01 Mar 2019 14:06

Tgt Ion: 91 Resp: 9271
 Ion Ratio Lower Upper
 91 100
 92 59.3 39.8 73.8





#44

trans-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV009453.D

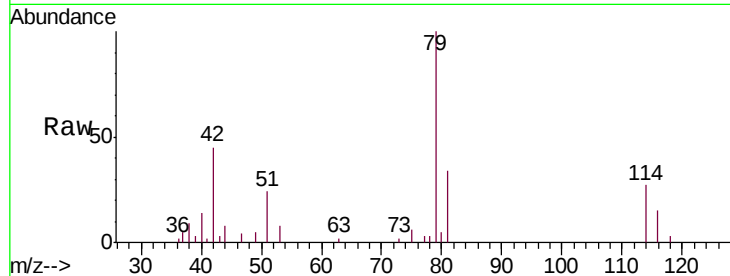
Acq: 01 Mar 2019 14:06

Tgt Ion: 75 Resp: 559

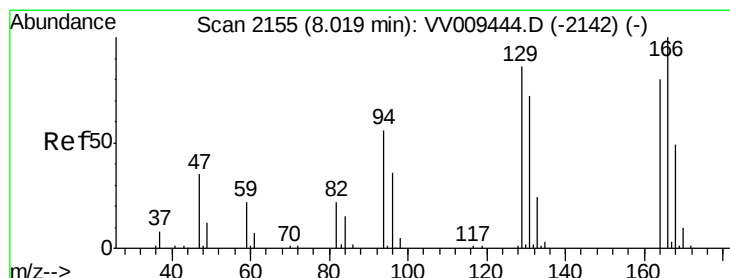
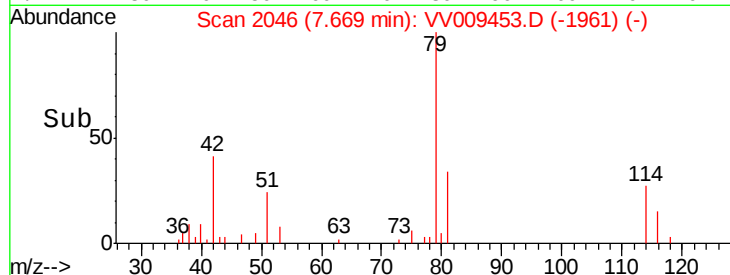
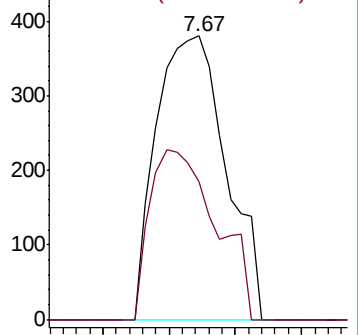
Ion Ratio Lower Upper

75 100

77 48.4 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV009444.D (-2037) (-)



#47

Tetrachloroethene

Concen: 0.168 ug/L

RT: 8.03 min Scan# 2157

Delta R.T. 0.01 min

Lab File: VV009453.D

Acq: 01 Mar 2019 14:06

Tgt Ion: 164 Resp: 791

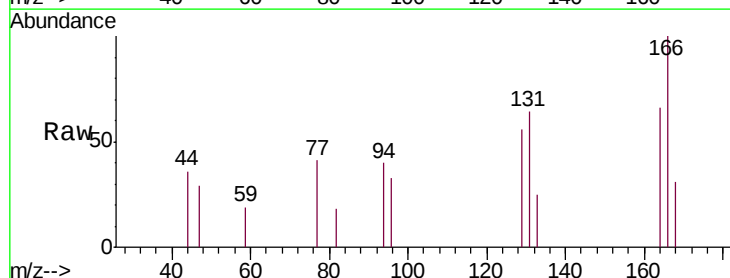
Ion Ratio Lower Upper

164 100

129 84.6 69.3 128.7

131 96.5 64.0 118.8

166 151.8 86.0 159.6

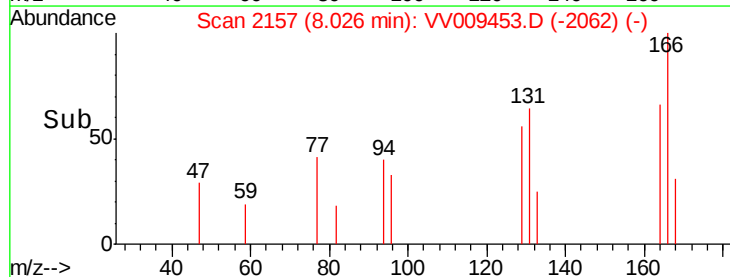
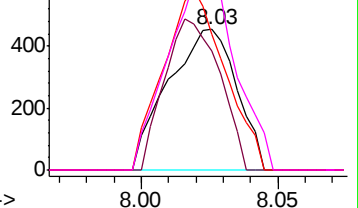


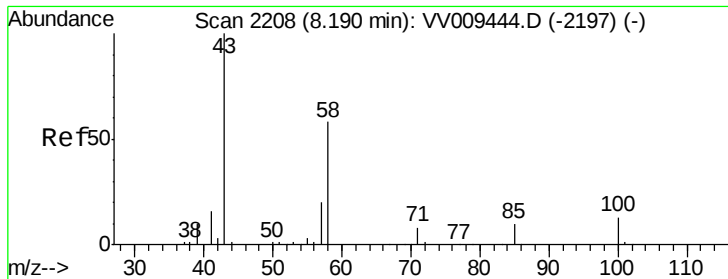
Abundance Ion 163.90 (163.60 to 164.60): VV009444.D (-2142) (-)

Ion 128.95 (128.65 to 129.65): VV009444.D (-2142) (-)

Ion 130.95 (130.65 to 131.65): VV009444.D (-2142) (-)

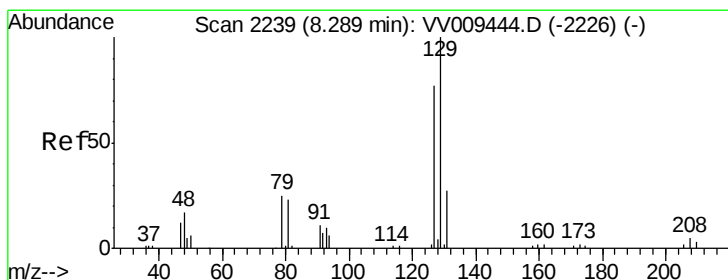
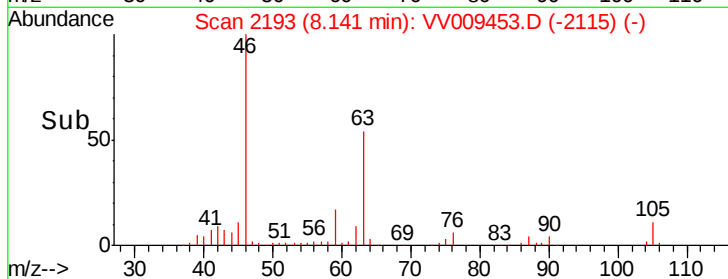
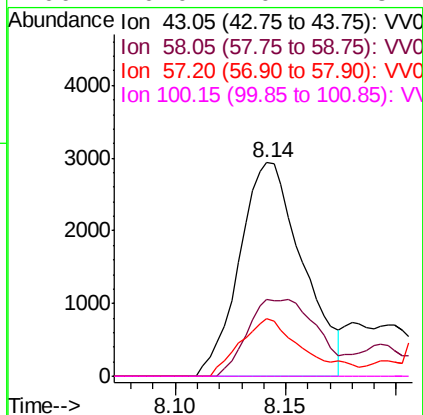
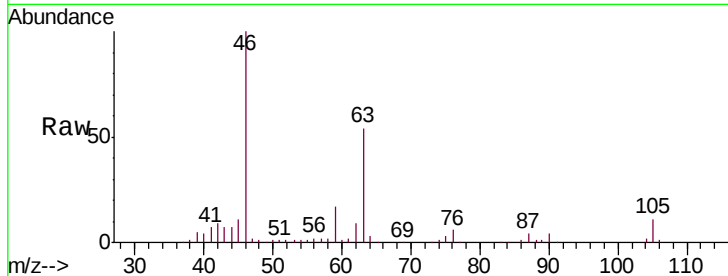
Ion 165.90 (165.60 to 166.60): VV009444.D (-2142) (-)





#48
 2-Hexanone
 Concen: 3.135 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
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Tgt Ion:	43	Resp:	5837
Ion	Ratio	Lower	Upper
43	100		
58	40.0	45.2	67.8#
57	27.2	16.0	24.0#
100	0.0	10.2	15.4#



#49
 Dibromochloromethane
 Concen: 0.142 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.27 min
 Lab File: VV009453.D
 Acq: 01 Mar 2019 14:06

Tgt Ion:	129	Resp:	686
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#

