

Data File : VV009452.D
Acq On : 01 Mar 2019 13:41
Operator : SY/MD
Sample : K1599-10DL 20X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 02 00:10:51 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	88352	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	82652	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38328	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22469	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.58	69	21932	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.13	63	44698	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	3.96	46	52041	59.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.94%
24) Chloroform-d	4.40	84	45861	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.09	65	24517	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.10	84	97593	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
36) 1,2-Dichloropropane-d6	6.12	67	29707	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	7.36	98	97254	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
43) trans-1,3-Dichloropropene-	7.67	79	11813	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.14	63	44851	58.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.90%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22067	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	33906	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

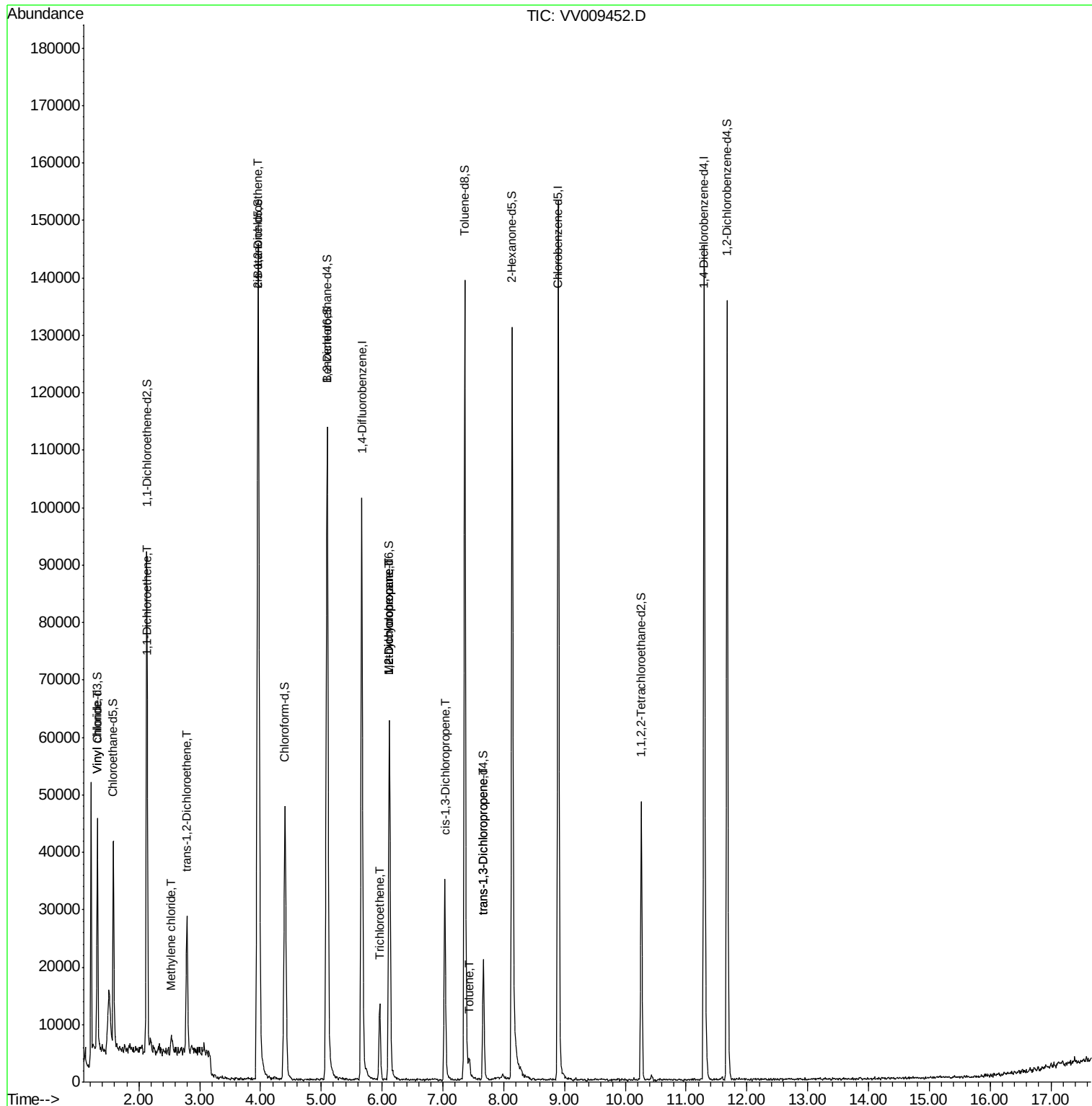
Target Compounds

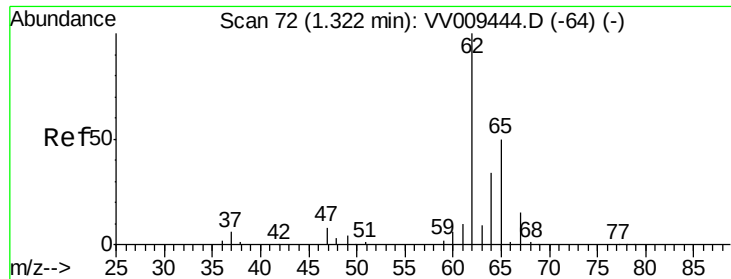
					Qvalue
5) Vinyl chloride	1.32	62	519	0.082 ug/L #	1
12) 1,1-Dichloroethene	2.15	96	780	0.135 ug/L #	1
16) Methylene chloride	2.53	84	1218	0.189 ug/L #	91
18) trans-1,2-Dichloroethene	2.79	96	7539	1.202 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	64104	10.948 ug/L	98
34) Trichloroethene	5.96	95	4213	0.694 ug/L	85
35) Methylcyclohexane	6.12	83	7085	0.711 ug/L #	21
37) 1,2-Dichloropropane	6.12	63	3437	0.654 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1017	0.123 ug/L #	65
42) Toluene	7.43	91	2154	0.088 ug/L #	74
44) trans-1,3-Dichloropropene	7.67	75	574	0.089 ug/L	88

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

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QLast Update : Sat Mar 02 00:06:51 2019
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#5

Vinyl chloride

Concen: 0.082 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

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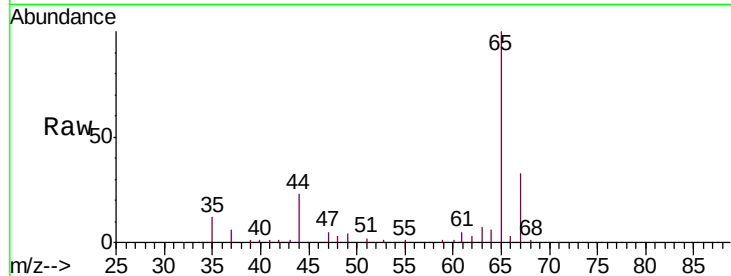
Acq: 01 Mar 2019 13:41

Tgt Ion: 62 Resp: 519

Ion Ratio Lower Upper

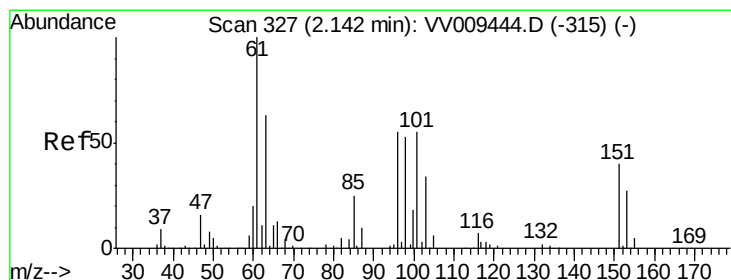
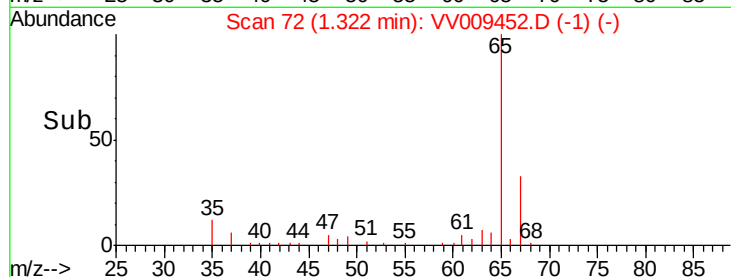
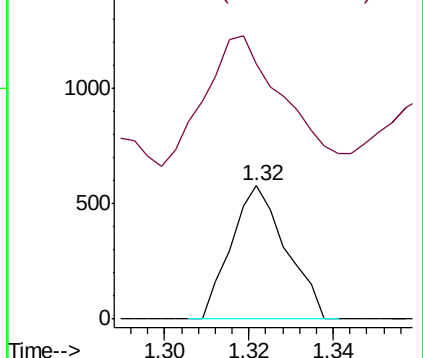
62 100

64 191.5 21.6 40.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#12

1,1-Dichloroethene

Concen: 0.135 ug/L

RT: 2.15 min Scan# 329

Delta R.T. 0.01 min

Lab File: VV009452.D

Acq: 01 Mar 2019 13:41

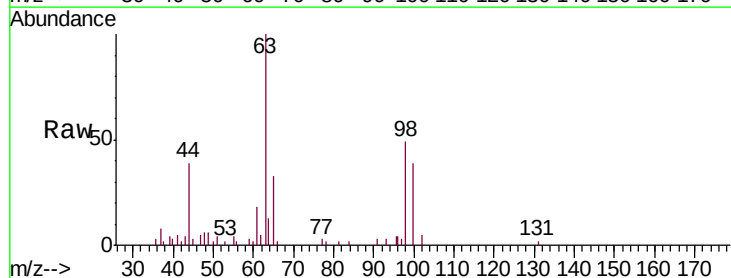
Tgt Ion: 96 Resp: 780

Ion Ratio Lower Upper

96 100

61 217.2 123.1 228.5

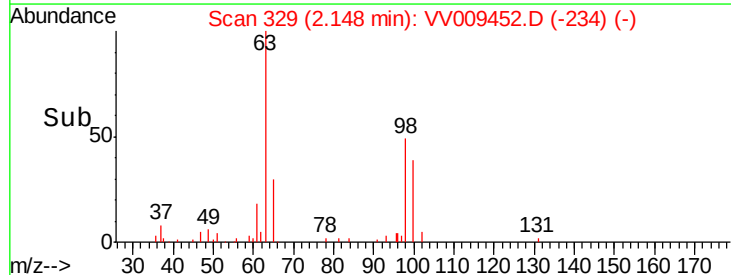
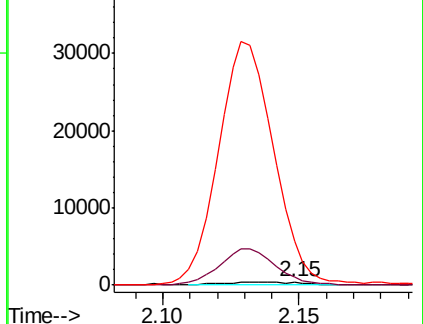
63 1219.6 82.9 153.9#

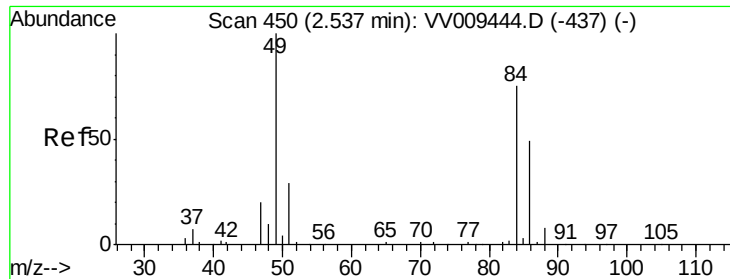


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

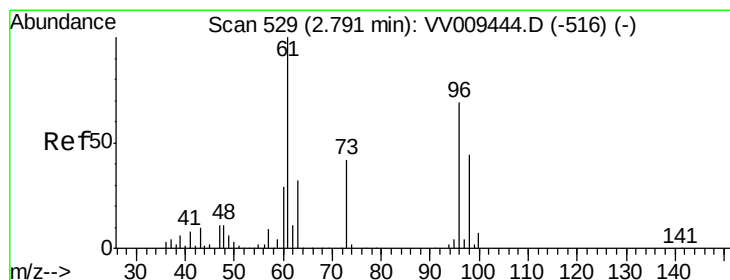
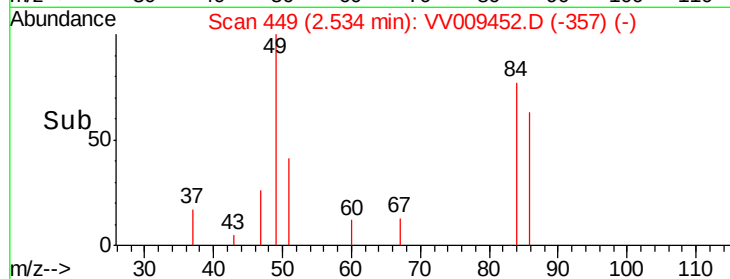
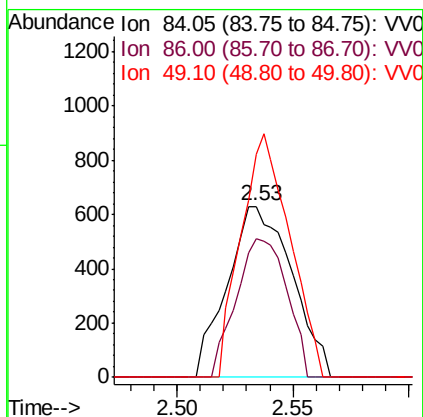
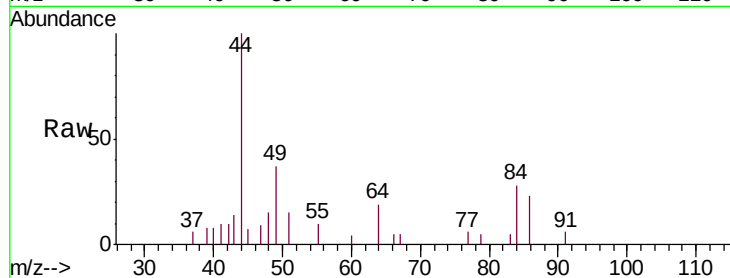
Ion 63.00 (62.70 to 63.70): VV0





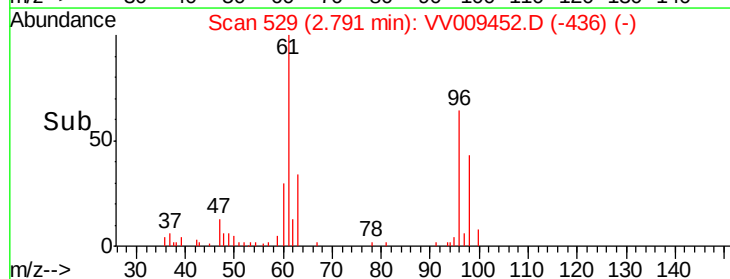
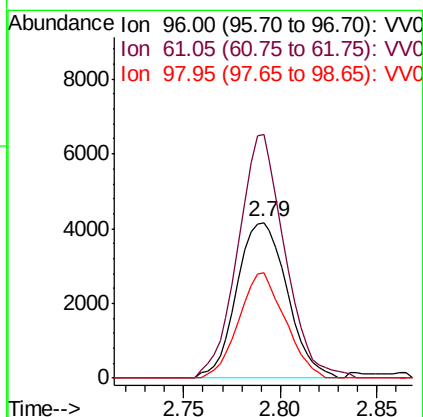
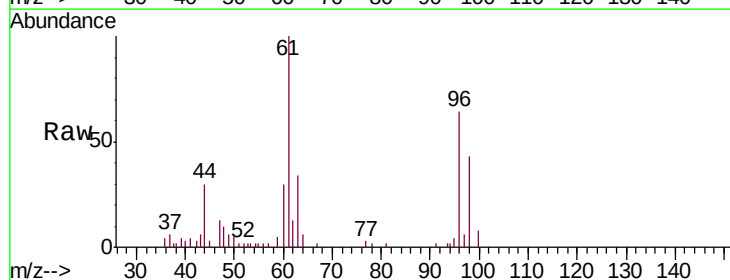
#16
Methylene chloride
Concen: 0.189 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009452.D
Acq: 01 Mar 2019 13:41

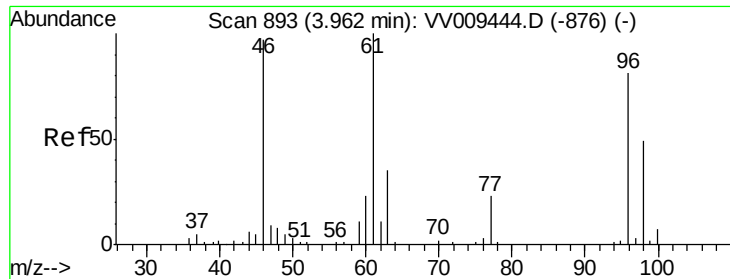
Tgt Ion: 84 Resp: 1218
Ion Ratio Lower Upper
84 100
86 81.3 42.8 79.4#
49 130.0 90.6 168.2



#18
trans-1,2-Dichloroethene
Concen: 1.202 ug/L
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV009452.D
Acq: 01 Mar 2019 13:41

Tgt Ion: 96 Resp: 7539
Ion Ratio Lower Upper
96 100
61 156.7 106.0 196.8
98 67.7 48.2 89.4

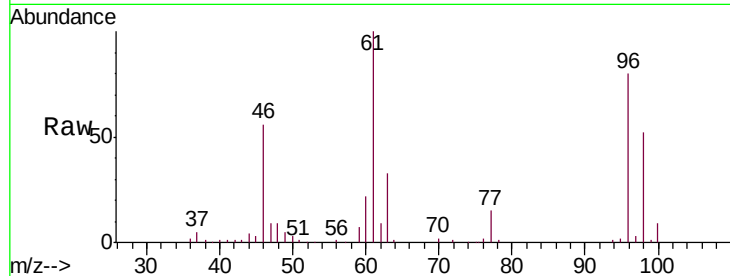




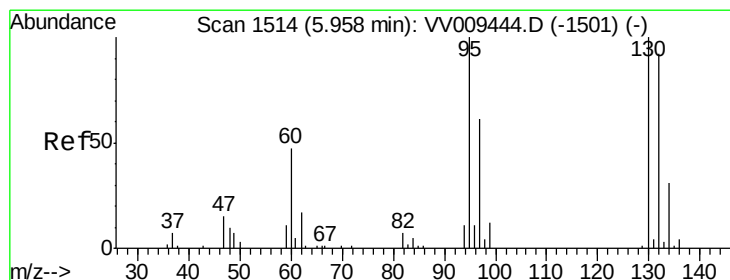
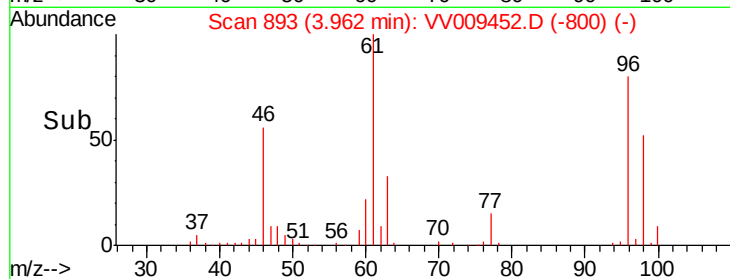
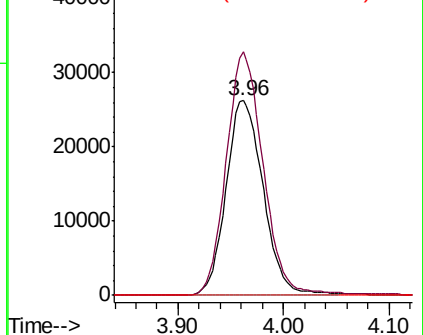
#22

cis-1,2-Dichloroethene
 Concen: 10.948 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: VV009452.D
 Acq: 01 Mar 2019 13:41

Tgt Ion: 96 Resp: 64104
 Ion Ratio Lower Upper
 96 100
 61 124.9 86.0 159.8
 68 0.0 0.0 0.0



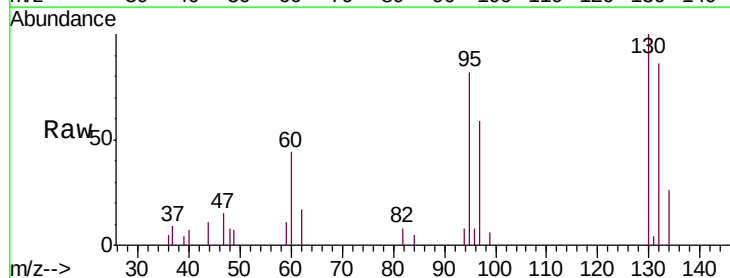
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



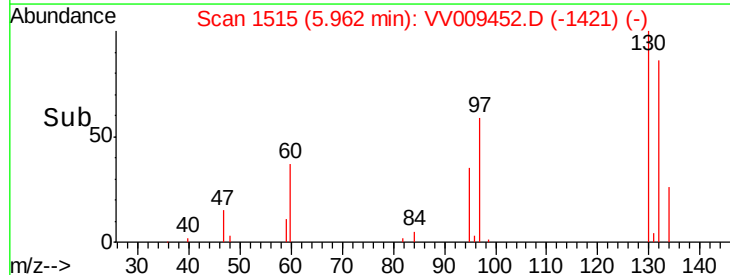
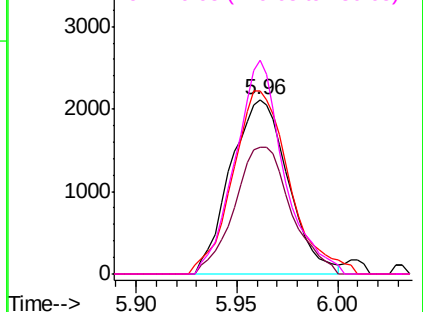
#34

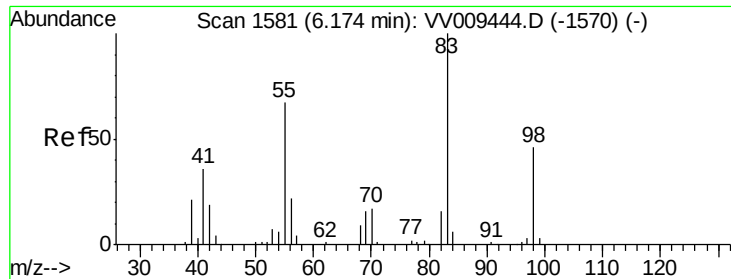
Trichloroethene
 Concen: 0.694 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV009452.D
 Acq: 01 Mar 2019 13:41

Tgt Ion: 95 Resp: 4213
 Ion Ratio Lower Upper
 95 100
 97 72.5 44.2 82.2
 132 105.4 67.8 126.0
 130 122.6 70.4 130.8



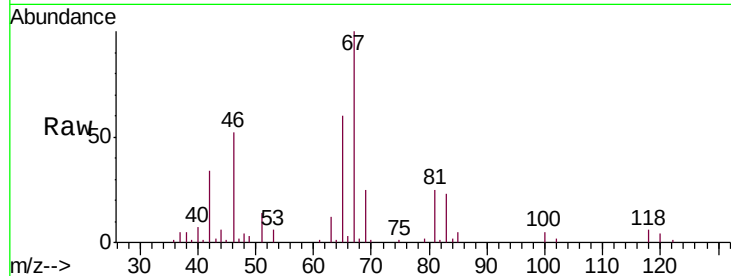
Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0



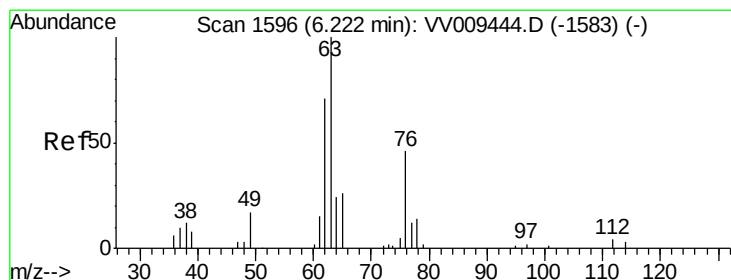
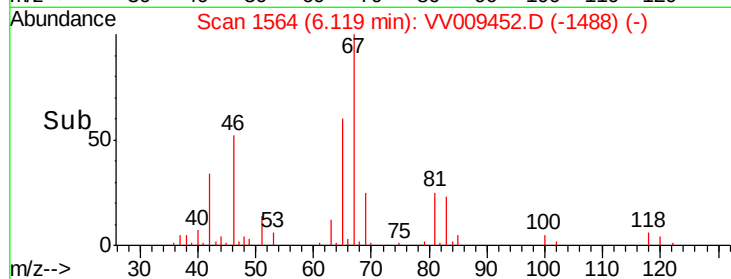
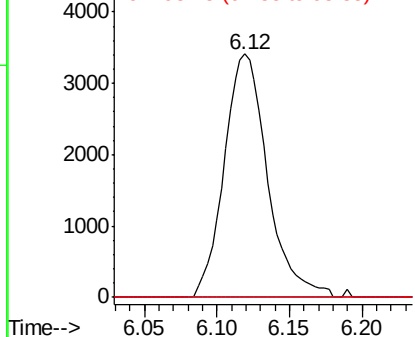


#35
Methylcyclohexane
Concen: 0.711 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV009452.D
Acq: 01 Mar 2019 13:41

Tgt Ion: 83 Resp: 7085
Ion Ratio Lower Upper
83 100
55 0.7 59.8 89.8#
98 4.3 39.9 59.9#

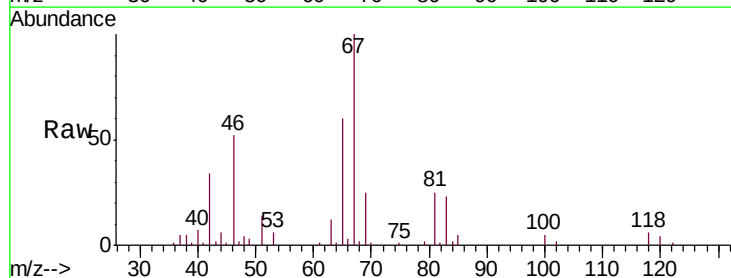


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

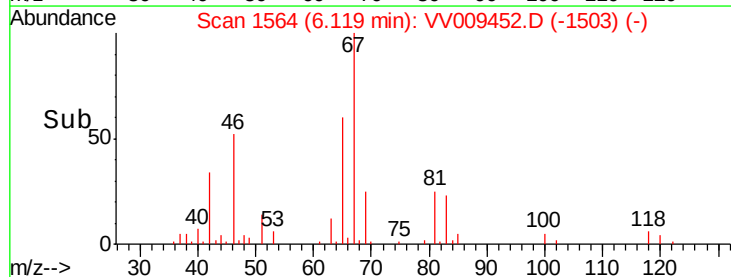
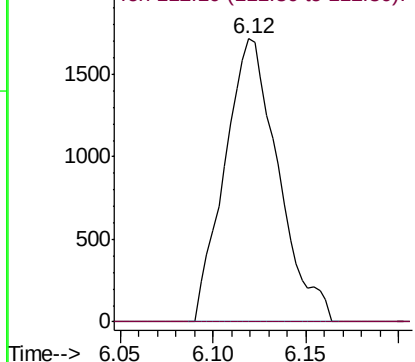


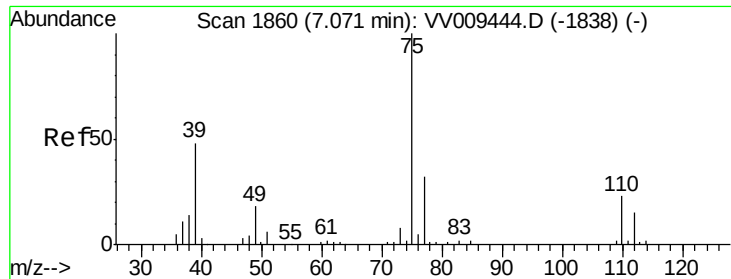
#37
1,2-Dichloropropane
Concen: 0.654 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009452.D
Acq: 01 Mar 2019 13:41

Tgt Ion: 63 Resp: 3437
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



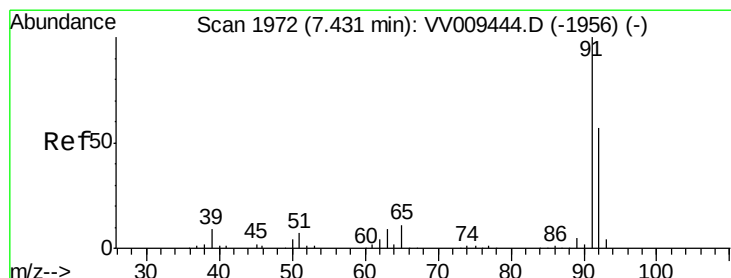
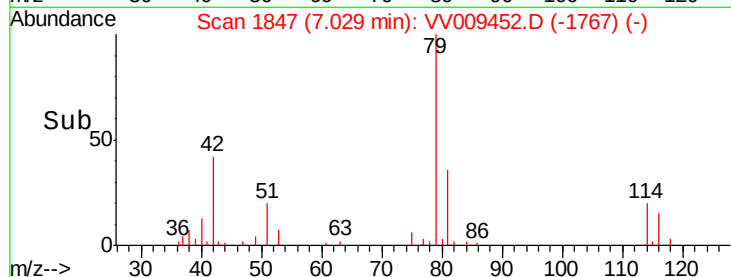
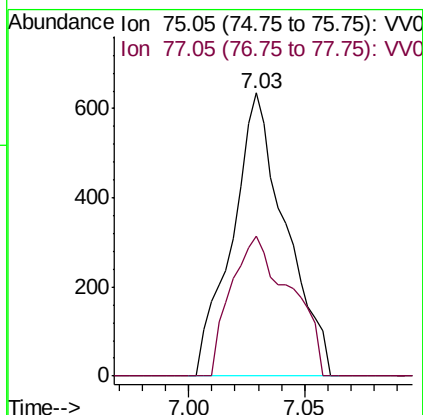
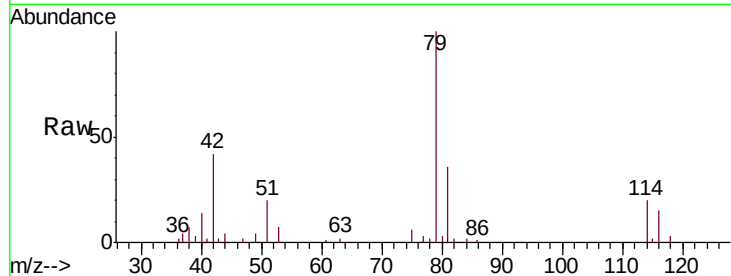
Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





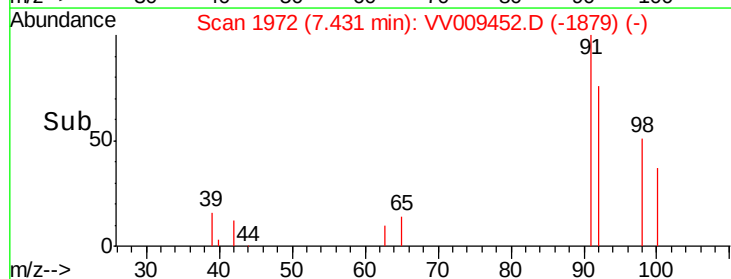
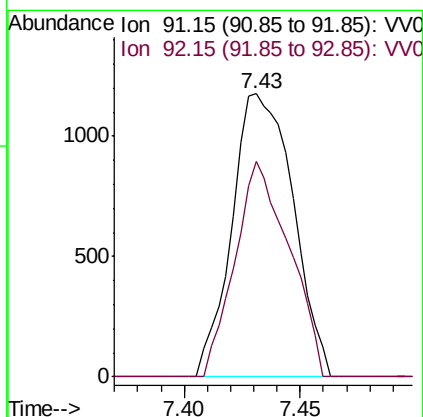
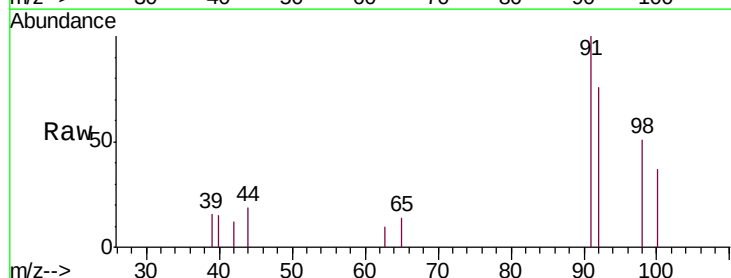
#39
 cis-1,3-Dichloropropene
 Concen: 0.123 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009452.D
 Acq: 01 Mar 2019 13:41

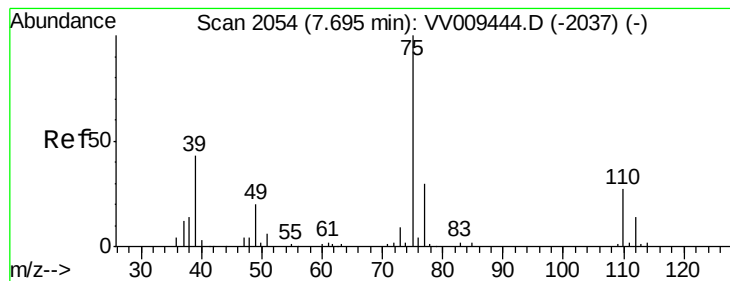
Tgt Ion: 75 Resp: 1017
 Ion Ratio Lower Upper
 75 100
 77 49.3 21.1 39.1#



#42
 Toluene
 Concen: 0.088 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VV009452.D
 Acq: 01 Mar 2019 13:41

Tgt Ion: 91 Resp: 2154
 Ion Ratio Lower Upper
 91 100
 92 76.0 39.8 73.8#





#44

trans-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009452.D

Acq: 01 Mar 2019 13:41

Tgt Ion: 75 Resp: 574

Ion Ratio Lower Upper

75 100

77 38.5 22.2 41.2

